RESUME

Name : **Dr.M.Govindarajan**

Qualification : **M.Sc., M.Phil., Ph.D.,**

Designation : **Assistant Professor**

Name of the Department : **Zoology**

Date of Birth : **18.04.1979**

Date of Appointment : **11.07.2007**

Office Address : **Department of Zoology**
Annamalai University
Annamalainagar –608002
&
Government College for Women (A), Kumbakonam, Tamil Nadu.

Mobile No: (Optional) **9585265999**

E-mail Id : **drgovind1979@gmail.com**

Specialization : **Natural Products and Nanotechnology (Tropical Medicine, Mycology, Parasitology, Biomedical Research, Insect control)**

Experience (UG/PG) : **UG-17 Years / PG- 17 Years**

Scopus Author ID 35915948200
ORCID ID : http://orcid.org/0000-0002-4662-8931
Google Scholar ID : https://scholar.google.com/citations?user=m09WeAQAAAAJ&hl=en
Web of Science Researcher ID : **A-8070-2019**
Vidwan-ID : **117295** (http://annamalaiuniversity.irins.org/profile/117295)

QUALIFICATION

Degree	Major / Specialization	Institute / University	Year of Passing	% of Marks	University Ranks if any
M.Sc.	Zoology	Annamalai University	2002	67.2	-
M.Phil.	Zoology	Annamalai University	2004	75.0	**First Rank with Gold medal**
Ph.D.	Zoology	Annamalai University	2008	Highly commended	-

Distinctions, Prizes, Medals, Awards and other Honours received:

- ✓ World Top 2% Scientist Recognition
  (Mycology & Parasitology, Biomedical Research, Tropical Medicine, Medicinal & Biomolecular Chemistry, Inorganic & Nuclear Chemistry)
  (2018, 2019,2020,2021,2022,2023)
- ✓ Best Teacher Award -2019 & 2021, Govt. College for Women (A), Kumbakonam.
- ✓ Shiksha Rattan Puraskar (Award) from IIFS, New Delhi-2013
- ✓ Top 1000 Researchers of India-2023, Certificate of Achivement, Careers 360, Pathfinder Publishing Pvt. Ltd., Plot No.78, Sector – 44, Gurugram, Haryana – 122003.
- ✓ Merit fellowship awarded by the university for the year 2005-2006

- ✓ Research Excellence Award-2021, Institute of Scholars, Bengaluru-560091, Karnataka, India
- ✓ Eminent Research Award, Malaysia Bharathi Creative Channel, Sungai, Patani Kedah, Malaysia & Sanjana Educational Foundation, Sivaikundam, Tamilnadu jointly organized by International Awards-2023

Details of teaching experience (as on November 2023)

Teaching Experience: 16 years 04 Monthes

Post Held	University/ Institution	Period		Nature of work	Course handled	Level of course
		From	To			
Assistant Professor	Annamalai University	11.07.2007	Till date	Teaching & Research	Zoology (CBCS) Zoology (Integrated) Environmental Biotechnology (CBCS)	UG/PG/ M.Phil/ Ph.D.
Assistant Professor	on deputation in Govt. Arts College, Salem-7	02.02.2016	01.02.2017	Teaching & Research	Zoology	UG/PG
Assistant Professor	on deputation in Thiru. Vi. Ka. Govt. Arts College, Thiruvarur	02.02.2017	01.09.2017	Teaching & Research	Zoology	UG/PG
Assistant Professor	on deputation in Govt. Arts College (A), Kumbakonam	01.09.2017	05.09.2017	Teaching & Research	Zoology	UG/PG/ M.Phil/ Ph.D.
Assistant Professor	on deputation in Government College for Women (A), Kumbakonam	06.09.2017	Till date	Teaching & Research	Zoology	UG/PG/ M.Phil/ Ph.D.

Research Experience (as on November 2023)
Research Experience: 20 years

S. No.	Research Work at	Title of Thesis
1.	Ph.D.	The potential use of secondary metabolites of soil fungi and actinomycetes against vector mosquitoes.
2.	M.Phil.	Studies on mosquitocidal activity of soil fungi and actinomycetes against mosquito vector, *Culex quinquefasciatus* (Say).

Research Projects
Name of Principal Investigator- Dr.M.Govindarajan

S. No.	Title of the Project	Funding agency	Project period	Status	Total sanctioned amount (Rs.)
1	Isolation, purification and characterization of bio-active compound(s) from selected medicinal plants against vector mosquitoes	DST	23.07.2009 To 22.07.2012	Completed	14,43,600/-
2	Isolation and Identification of bioactive compound(s) from *Albizzia lebbeck*, *Delonix elata* and *Pithecellobium dulce* against vector mosquitoes	UGC	01.02.2011 To 31.01.2014	Completed	5,18,000/-
3	The potential use of bio-active compounds from plants against mosquitoes	ICMR	01.02.2013 To 31.01.2016	Completed	18,86,540/-
4.	An eco-friendly synthesis of Zinc oxide nanoparticles to combat dengue and zika virus vector Aedes aegypti and Aedes albopictus	TANSCHE	2013-2014	Ongoing	1,00,000/-

Research Guidance

S. No.	Programme	No.s	
		Completed	Ongoing
1	M.Sc.	17	03
2	M.Phil.	05	00
3	Ph.D.	07	02

Ph.D. Guidance

S. No.	Name of the candidate	Title of the thesis	Awarded
1	K.Krishnappa	Bioefficacy of certain plant essential oils against important field pests *Spodoptera litura* (Fab.), *Helicoverpa armigera* (Hub.) and *Achaea janata* (Fab.) (Lepidoptera : Noctuidae)	2011
2	A.Anandan	"Isolation and structural education of active principles from *Ageratina adenophora (Spreng)* against armworm, *Spodoptera litura (*Fab.) and diamond back moth, *Plutella xylostella (*L.) (Lepoidoptera :Noctuidae)"	2011
3	R.Sivakumar	Isolation, purification and characterization of bio-active compounds from selected medicinal plants against vector mosquitoes	2013
4	M.Rajeswary	Isolation and characterization of bio-active compound(s) from selected medicinal plants against mosquitoes	2015
5	K.Veerakumar	Green synthesis of silver nanoparticles using selected medicinal plants against mosquitoes	2016
6	U.Muthukumaran	Plant-mediated synthesis and characterization of silver nanoparticles against mosquito vectors of public health importance	2017
7	V.Esan	Studies on the efficacy of green synthesized silver nanoparticles using *Alstonia venenata* and *Trewia nudiflora* leaf extract against the vector mosquitoes	2022 (Co-Guide)

M.Phil. Guidance

S. No.	Name of the candidate	Title of the thesis	Awarded
1	T.Mathivanan	Studies on mosquitocidal activities of *Ervatamia coronaria* and *Caesalpinia pulcherrima* against *Culex quinquefasciatus, Aedes aegypti* and *Anopheles stephensi* (Diptera: Culicidae)	2011
2	A.Ramya	Studies on mosquito larvicidal and repellent properties of selected plants against *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae)	2013

3	R.Prithika	Green synthesis of silver nanoparticles using *Boswellia serrata* (Burseraceae) against *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus*	2021
4	C.Jothilakshmi MP20ZO003	The potential of Jasminum officinale against a dengue vector mosquito, Aedes aegypti (L.) and pulse beetle Callosobruchus maculates (Fab.)	2023
5	M.Samundi MP20ZO005	Mosquitocidal activity of Justica tranquebariensis against Aedes aegypti (L.) and Culex quinquefasciatus (Say.) (Diptera: Culicidae)	2023

M.Sc. Guidance

S. No.	Name of the candidate with Register Number	Title of the thesis	Awarded
1	V. Vaijayanthi I0819016	Analysis of motif and domainstructure in human papillomavirus (HPV)	2013
2	R. Jagatheeswari I0919003	Prediction of pharmacological efficacy of epigallocatechin and ursolic acid-A computational analysis	2014
3	K. Ramya I0919006	Prediction of pharmacological efficacy of borneol and syringic acid-A computational analysis	2014
4	C. Aarthi P15220341	Green synthesis of silver nanoparticles using the leaf extract of *Habenaria plantaginea* Lindl. (Orchidaceae) against mosquito vectors	2017
5	R.Mahalakshmi P16ZO009	Green larvicides in the fight against zika virus vector - toxicity of *Decalepis hamiltonii* (Aclepiadaceae) against the larvae of *Aedes aegypti* L. (Diptera: Culicidae)	2018
6	G.Vinodhini P16ZO025	Toxic activity of *Justicia simplex* (Acanthaceae) towards the dengue vector *Aedes aegypti* l. (Diptera: Culicidae)	2018
7	D. Akilandeshwari P17ZO003	Low- cost and eco-friendly evaluation of *Smilax zeylanica* L. (Family: Smilacaceae) extracts against the dengue vector, *Aedes aegypti* L. (Diptera: Culicidae)	2019
8	K. Elakkiya P18ZO003	Biogenic fabrication and characterization of silver nanoparticles using *Oxalis Debilis* (Oxalidaceae) against mosquito vectors	2020
9	S. Renukadevi P18ZO016)	Mosquito larvicidal potential of *Oxalis corniculata* L. (Oxalidaceae) extracts against the dengue vector, *Aedes aegypti* L. (Diptera: Culicidae)	2020

10	V.GIRIJA P19ZO007	Green synthesis and characterization of silver nanoparticles using *Capparis zeylanica* against dengue vector, *Aedes albopictus*	2021
11	S.GOWRI P19ZO008	Larvicidal activity of *Croton bonplandianus* Baill. (Euphorbiaceae) leaf extracts against the malaria vector *Anopheles subpictus* (Diptera: Culicidae)	2021
12	G.SOFIKA P19ZO018	Mosquito larvicidal activity of aromatic ginger *Kaempferia galanga* L. (Zingiberaceae) essential oil against filariasis vector *Culex quinquefasciatus* (Diptera: Culicidae)	2021
13	S.ANNAPOORANI P20ZO002	Larvicidal effects of *Calendula officinalis* (asteraceae) leaf extracts on the malaria vector *Anopheles stephensi* (Diptera: Culicidae)	2022
14	K.MONIKA P20ZO011	Efficacy of *Matricaria chamomilla* (Asteraceae) essential oil against filariasis vector *Culex quinquefasciatus* (Diptera: Culicidae)	2022
15	T.MONISHA P20ZO013	The utilization of *Asystasia gangetica* in green synthesis of silver nanoparticles to combat the dengue vector *Aedes albopictus*	2022
16	S.BHARATHA PRIYA P21ZO004	Biosynthesis of silver nanoparticles using Digera muricata against the dengue vector *Aedes aegypti*	2023
17	J.UMA P21ZO021	Mosquito larvicidal efficacy of Digera muricata plant extracts against Zika virus vector *Aedes albopictus*	2023

Orientation / Refreshes Courses / Short term Course Attended

Courses & Training	Title	Venue	Duration	Days
Orientation Course	UGC Sponsored -96th Orientation Course	UGC -ASC, Pondicherry University, Puducherry.	20-05-2009 to 16-06-2009	28
Training Programme	In-Service Training Programme	Faculty of Science, Annamalai University	21.07.2009 to 03.08.2009	14
Refresher course	ICPR Sponsored Refresher Course	Department of Philosophy, Annamalai University,	06.06.2012 to 26.06.2012	21
Refresher course	UGC Sponsored Refresher Course in Life Science & Biotechnology (Theme: Recent Trends in Life Sciences) Subject: Zoology	UGC-HRDC Madurai Kamaraj University Madurai-625 021	16.11.2018 to 06.12.2018	21

Short Term Course	MOOCs, E-Content Development and Open Educational Resources	UGC-HRDC Bharathidasan University Tiruchirappalli - 620 023	15.02.2019 to 21.02.2019	07
Short Term Course	Curriculum Development & Evaluation	UGC-HRDC Bharathidasan University Tiruchirappalli - 620 023	07.01.2020 to 13.01.2020	07
Short Term Course	Challenges in Discovery of Antiviral Agents and Vaccines	UGC-HRDC Jawaharlal Nehru Technological University Hyderabad, Telangana State	08.06.2020 to 13.06.2020	07
Short Term Course	Development in Advanced Drug Delivery Systems and Drug Discovery to Treat Life Threatening Diseases	UGC-HRDC Jawaharlal Nehru Technological University Hyderabad, Telangana State	22.06.2020 to 27.06.2020	07
Refresher course	UGC Sponsored Refresher Course in Life Science (Theme: Recent Development in Life Sciences) Subject: Zoology	UGC-HRDC Madurai Kamaraj University Madurai-625 021	20.10.2021 to 02.11.2021	14
Faculty Development Programme	Train the Trainer program on Digital Productivity and AI Fluency	Tamil Nadu Skill Development Corporation	28.08.2023 to 01.09.2023	05

Details of Workshop / Conference/ Seminar Organised

S. No.	Name of the Events	Title	Duration	Role	Place
1.	Workshop	National workshop on trends and techniques in isolation of bio-active compounds.	31.01.2013 To 02.02.2013	Organizing secretary	Annamalai University, Annamalainagar
2.	Training Programme	Writing, Winning and Managing Research Proposal	27.02.2014	Organizing secretary	Annamalai University, Annamalainagar
3.	Workshop	Hands on workshop on handling and maintenance of microscopes	25.09.2018	Organizing secretary	Govt. College for Women (A), Kumbakonam
4.	Workshop	UGC Sponsored National Workshop on Research Proposal Writing for State & Central Government Funding Agencies	16.08.2019	Organizing secretary	Govt. College for Women (A), Kumbakonam

Research Scientific Collaborations

S. No.	Collaborator	Name of the organization
1	Marcello Nicoletti	Department of Environmental Biology, Sapienza University of Rome, Rome, 00185, Italy.
2	Khalid A. Al-Ghanim	Department of Zoology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia.
3	Hanem F. Khater	Department of Parasitology, Faculty of Veterinary Medicine, Benha University, Moshtohor, Toukh, Egypt.
4	Donald R Barnard	United States Department of Agriculture, Agricultural Research Service, P. O Box 141498, Gainesville, Florida 32614-1498, USA.
5	Nadezhda Sachivkina	Department of Microbiology V.S. Kiktenko, Institute of Medicine, Peoples Friendship University of Russia Named after Patrice Lumumba (RUDN University), Moscow 117198, Russia.
6	Naiyf S. Alharbi	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.
7	Mohamad S. AlSalhi	Department of Physics and Astronomy, King Saud University, Riyadh, 11451, Saudi Arabia.
8	Sami A. Alyahya	National Center for Biotechnology, King Abdulaziz City for Science and Technology, Riyadh 11442, Saudi Arabia.
9	Kasi Gopinath	Department of Packaging, Yonsei University, Gangwondo 26493, Republic of Korea.
10	Giovanni Benelli	Department of Agriculture, Food and Environment, University of Pisa, via del Borghetto 80, 56124 Pisa, Italy.
11	Csaba Vagvolgyi	Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Kozep Fasor 52, H-6726 Szeged, Hungary.
12	Jamal M. Khaled	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.
13	Ramzi A. Mothana	Department of Pharmacognosy, College of Pharmacy, King Saud University, Riyadh 11451, Saudi Arabia.
14	Rao Z. Abbas	Department of Parasitology, Faculty of Veterinary Science, University of Agriculture, Faisalabad, Pakistan.
15	Nelissa P. Vaz	Department of Chemistry, Exact Science Sector, Federal University of Paran, Curitiba, Paran, Brazil.

16	Filippo Maggi	School of Pharmacy, University of Camerino, Via Sant'Agostino 1, 62032 Camerino, Italy.
17	Roman Pavela	Crop Research Institute, Drnovska 507, 16106 Prague 6, Czech Republic.
18	Riccardo Petrelli	School of Pharmacy, University of Camerino, Via Sant'Agostino 1, 62032 Camerino, Italy.
19	Anders Hofer	Department of Medical Biochemistry and Biophysics, Umeå University, Umeå, Sweden.
20	Mohammad RezaYoussefi	Department of Veterinary Parasitology, Babol-Branch, Islamic Azad University, Babol, Iran.
21	Abdullah A. Alarfaj	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia.
22	Jiang-Shiou Hwang	Institute of Marine Biology, National Taiwan Ocean University, Keelung 20224, Taiwan.
23	Akon Higuchi	Department of Chemical and Materials Engineering, National Central University, Taoyuan 32001, Taiwan.
24	Nasir A. Siddiqui	Department of Pharmacognosy, College of Pharmacy, King Saud University, P.O. BOX 2457, Riyadh 11451, Saudi Arabia.
25	Mashael Marzouq AlShebly	Department of Obstetrics and Gynecology, College of Medicine, King Saud University and King Saud University Medical City, Riyadh, Saudi Arabia.
26	Fatma Saeed AlQahtani	Hematology Unit, Department of Pathology, College of Medicine, King Saud University and King Saud University Medical City, Riyadh, Saudi Arabia.
27	Anchalo Canale	Department of Agriculture, Food and Environment, University of Pisa, via del Borghetto 80, 56124 Pisa, Italy.
28	F.A. Al-Mekhlafi	Department of Agricultural Production, College of Agriculture and Veterinary Medicine, Thamar University, Thamar, Yemen.
29	K.E. Alzaharni	King Abdullah Institute for Nanotechnology, King Saud University, Riyadh, 11451, Saudi Arabia.
30	Zaib-un-Nisa	Department of Environmental Science and Engineering, Government College University, Faisalabad, Pakistan.
31	Mian Nadeem Riaz	Texas A&M University, College Station, Texas, United State of America.
32	Saud Alarif	Department of Zoology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia.

33	Ahmed Mustafa	Department of Biology, Purdue University Fort Wayne, Fort Wayne, Indiana, USA.
34	Guilherme Malafaia	Laboratory of Toxicology Applied to the Environment, Goiano Federal Institute, Urutaí, GO, Brazil.
35	Irfan Manzoor	Department of Biology, Indiana University Bloomington, Bloomington, IN 47405, USA
36	Arwa Mohammad Wadaan	College of Medicine, AlMaarefa University, Dariyah, Riyadh 13713, Saudi Arabia
37	Mohammed F. Albeshr	Department of Zoology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia
38	Ahmed S. Alobaidi	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia
39	Fahad Al-Misned	Department of Zoology, College of Science, King Saud University, Riyadh 11451, Saudi Arabia
40	Mohammed N. Al-Anbr	Department of Botany and Microbiology, College of Science, King Saud University, Riyadh, 11451, Saudi Arabia

Journal Refereeing/Peer Reviewing

I have reviewed research manuscripts in the following journals.

S. No.	Name of the Journal	ISSN No.	Impact Factor
1	Science of the Total Environment	0048-9697	9.8
2	Physiological and Molecular Plant Pathology	0885-5765	2.7
3	Journal of Advanced Research	2090-1232	10.7
4	Research in Veterinary Science	0034-5288	2.4
5	Acta Tropica	1873-6254	2.7
6	Biocatalysis and Agricultural Biotechnology	1878-8181	4
7	Helion	2405-8440	4
8	International Journal of Biological Macromolecules	0141-8130	8.2
9	Materials Today Communications	2352-4928	3.8
10	Nano-Structure & Nani-Objects	2352-507X	-
11	Materials Letters	0167-577X	3

12	Photodiagnosis and Photodynamic Therapy	1572-1000	3.3
13	Journal of Photochemistry & Photobiology, B: Biology	1011-1344	5.4
14	Plant Physiology and Biochemistry	0981-9428	6.5
15	Journal of Material Research and Technology	2238-7854	6.4
16	Process Biochemistry	1359-5113	4.4
17	Micron	0968-4328	2.4
18	South African Journal of Botany	0254-6299	3.1
19	Journal of King Saud University: Science	1018-3647	3.8
20	Saudi Journal of Biological Sciences	1319-562X	4.4
21	Journal of Environmental Chemical Engineering	2213-2929	7.7
22	Toxicology Reports	2214-7500	-
23	Journal of Drug Delivery Science and Technology	1773-2247	5
24	Ecotoxicology and Environmental Safety	0147-6513	6.8
25	Experimental Parasitology	0014-4894	2.1
26	Applied Materials Today	2352-9407	8.3
27	Microbial Pathogenesis	0882-4010	3.8
28	Scientific Reports	2045-2322	4.6
29	Surfaces and Interfaces	2468-0230	6.2
30	Environmental Science and Pollution Research	1614-7499	5.8
31	MDPI Animals	2076-2615	3.0
32	Carbohydrate Polymers	0144-8617	11.2
33	MDPI Toxics	2305-6304	4.6
34	MDPI Molecules	1420-3049	4.6
35	MDPI Pharmaceutics	1999-4923	5.4
36	Natural product research	1478-6419	2.2
37	Journal of Cluster Science	1040-7278	2.8
38	Indian journal of medical research	0971-5916	4.2
39	European review for medical and pharmacological science	1128-3602	3.3
40	Chemosphere	0045-6535	8.8

41	Parasitology Research	0932-0113	2.0
42	Journal of Vector Borne Diseases	0972-9062	0.5
43	Asian Pacific Journal of Tropical Medicine	1995-7645	3.1
44	Journal of Asia-Pacific Entomology	1226-8615	1.5
45	Journal of Pest Science	1612-4758	4.8
46	RSC Advances Royal Society of Chemistry	2046-2069	3.9
47	Colloids and Surfaces B: Biointerfaces	0927-7765	5.8
48	Journal of Trace Elements in Medicine and Biology	0946-672X	3.5
49	MDPI Waste	2813-0391	-
50	Desalination and Water Treatment	1944-3994	-
51	MDPI International Journal of Environmental Research and Public Health	1660-4601	-
52	African journal of Biotechnology	1684-5315	-
53	African journal of Pharmacy and Pharmacology	1996-0816	-
54	African Journal of Microbiology	1996-0808	-

Journal Editorial Board Member

I acted as an editorial board member in the following journals.

1. I served as the **Guest Editor** overseeing the comprehensive compilation of research articles exploring the "Biomedical Potential of Bioengineered Nanoparticles" for the special issue within MDPI's Bioengineering, an esteemed open-access journal.
2. As the **Guest Editor**, I curated and managed submissions for the special issue titled "Pesticides and Insecticides Derived from Phytoproducts, and Eco-Friendly Nanoparticles: Sustainable Agriculture Management" within MDPI's Agriculture, a prestigious open-access journal.
3. As the **Guest Editor**, I led the editorial process and managed contributions for the special issue centered on "Green Synthesis and Bioactivity Research of Metal Nanoparticles" within MDPI's Molecules, a distinguished open-access journal focusing on molecular research and advancements.
4. As the **Guest Editor**, I orchestrated the curation and oversaw submissions for the specialized issue focusing on "Functional Biomaterials and Nanobiomaterials for Biomedical Applications" within MDPI's Materials, an esteemed open-access journal dedicated to advancements in materials science.

5. As the **Guest Editor**, I coordinated the compilation of contributions for the dedicated issue exploring the "Toxicological Effects of Industrial Wastewater in Aquatic Animals" in MDPI's Toxics, an influential open-access journal emphasizing research on toxic effects in aquatic environments.
6. **Associate Editor** in the International journal of recent scientific research.
7. **Editorial Adviser** in International journal of pure and applied Zoology.
8. **Assistant Editor** in International Journal of Mosquito Research.

Evaluation of M.Phil thesis

S. No.	Academic Year	Title of M.Phil Thesis, Name of the University
1.	2008-09	Larvicidal and repellent activities of *Acalypha indica* L. (Euphorbiaceae) against the dengue vector, *Aedes aegypti* (Dptera: Culicidae) *Bharathidasan University*
2.	2013-14	Green synthesis of silver nanoparticles using marine algae, *Caulerpa scalpelliformis* and its mosquitocidal activity against *Culex quinquefasciatus* (Say) and insecticidal activity aganst *Helicoverpa armigera* (Hubner) *Bharathiar University*
3.	2013-14	Studies on the effect of Bio-synthesis of silver nanoparticles against malaria vector (*Anopheles stephensi*) and crop pest (*Spodoptera litura*) by using marine algae, *Ulva lactuca* *Bharathiar University*

Evaluation of Ph.D thesis

S. No.	Academic Year	Title of Ph.D. Thesis, Name of the University
1.	2010-11	Clinical findings, molecular typing and antibiotic susceptibility profile of nosocomial pathogen *Serratia marcescens* infection at Government general hospital in Nagapattinam, Tamilnadu, India *Bharathidasan University*
2.	2010-11	Studies on pathogenic bacteria and fungus of shirimp, Penaeus monodon cultured in semi-intensive ponds in the coastel area of Thanjavur district, Tamilnadu, India *Bharathidasan University*
3.	2013-14	Bioassay –guided isolation and characterization of active antiplasmodial compounds from medicinal plant extracts against *Plasmodium falciparum* and *Plasmodium berghei* *Thiruvalluvar University*

Research Papers Published (As on 26.11.2023)

TOTAL			
	No. of Publication	:	299
	Impact Factor	:	954.835
	Google Scholar Citation	:	11774
	Google Scholar *h* Index	:	64
	i 10- Index	:	201
	Scopus Citation		7975
	Scopus *h* -Index	:	57

1. **Govindarajan M,** Jebanesan A, and Reetha D. 2005. Larvicidal effect of extracellular secondary metabolites of different fungi against the mosquito, *Culex quinquefasciatus* say. *Tropical Biomedicine,* 22 (1), 1-3. (**Impact factor -0.8)**
2. **Govindarajan M,** Jebanesan A, and Reetha D. 2006. Larvicidal efficacy of secondary metabolites of fungi against the mosquito *Aedes aegypti* (Linn.) (Diptera: Culicidae). *Journal of Experimental Zoology India.* 9(1), 73-76.
3. **Govindarajan M,** Jebanesan A, and Reetha D. 2006. Oviposition attractancy of *Streptomyces aureofacians* culture filtrate for *Culex quinquefasciatus. Environment and Ecology*, 24 S (1), 92-94.
4. **Pushpanathan T,** Jebanesan A, and Govindarajan M. 2006. Larvicidal efficacy of three plant essential oils against the yellow fever mosquito *Aedes aegypti* Linn. (Diptera:Culicidae). *Insect Environment,* 12(2), 92-94.
5. Pushpanathan T, Jebanesan A, and **Govindarajan M.** 2006. Larvicidal, ovicidal and repellent activities of *Cymbopogan citratus* Stapf (Graminae) essential oil against the filarial mosquito *Culex quinquefasciatus* (Say) (Diptera:Culicidae). *Tropical Biomedicine,* 23(2), 208-212. (**Impact factor -0.8)**
6. **Govindarajan M,** Jebanesan A, and Reetha D. 2007. Larvicidal Efficacy of Extracellular Metabolites of Actinomycetes against Dengue Vector Mosquito *Aedes aegypti* Linn. (Diptera: Culicidae). *Research & Reviews in BioSciences,* 1(3), 161-162.
7. **Govindarajan M,** Jebanesan A, and Pushpanathan, T. 2008. Larvicidal and ovicidal activity of *Cassia fistula* Linn. leaf extract against filarial and malarial vector mosquitoes. *Parasitology Research,* 102(2), 289-292. doi:10.1007/s00436-007-0761-y. (**Impact factor -2.0)**
8. **Govindarajan M,** Jebanesan A, Reetha D and Pushpanathan T. 2008. Mosquito larvicidal efficacy of extracellular secondary metabolites of soil actinomycetes against malaia vector, *Anopheles stephensi* Liston (Diptera: Culicidae). *Scientific Transaction in Environment and Technovation,* 1(3), 152- 153.
9. **Govindarajan M,** Jebanesan A, Reetha D and Pushpanathan T. 2008. Mosquito larvicidal effect of extracellular metabolites of fungi against malarial vector *Anopheles stephensi* Liston (Diptera:Culicidae). *Plant Archives,* 8(1), 295-296.
10. PushpanathanT, Jebanesan A, and **Govindarajan M.** 2008. Larvicidal efficacy of certain plant essential oils against *Culex quinquefasciatus* (Diptera: Culicidae). *Journal of Experimental Zoology India,* 11(1), 159-160.

11. Pushpanathan T, Jebanesan A, and **Govindarajan M.** 2008. The essential oil of *Zingiber officinalis* Linn (Zingiberaceae) as a mosquito larvicidal and repellent agent against the filarial vector *Culex quinquefasciatus* say (Diptera: Culicidae). *Parasitology Research, 102*(6), 1289-1291. (**Impact factor -2.0)**

12. Govindarajan M, Jebanesan A, Pushpanathan T, and Samidurai K. 2008. Studies on effect of *Acalypha indica* L. (Euphorbiaceae) leaf extracts on the malarial vector, *Anopheles stephensi* Liston (Diptera:Culicidae). *Parasitology Research, 103*(3), 691-695. (**Impact factor -2.0)**

13. Govindarajan M, Jebanesan A, Reetha D, Amsath R, Pushpanathan T, and Samidurai K. 2008. Antibacterial activity of *Acalypha indica* L. *European Review for Medical and Pharmacological Sciences, 12*(5), 299-302. (**Impact factor -3.3)**

14. Govindarajan M. 2009. Bioefficiency of *Cassia fistula* Linn. (Leguminosae) leaf extract against chikungunya vector, *Aedes aegypti* (Diptera:Culicidae). *European Review for Medical and Pharmacological Sciences,* 13(2), 99-103. (**Impact factor -3.3)**

15. Kolanjinathan K, Ganesh P, and **Govindarajan M.** 2009. Antibacterial activity of ethanol extracts of seaweeds against fish bacterial pathogens. *European Review for Medical and Pharmacological Sciences,* 13(3), 173-177. (**Impact factor -3.3)**

16. Samidurai K, Jebanesan A, Saravanakumar A, **Govindarajan M** and Pushpanathan T. 2009. Larvicidal, ovicidal and repellent activities of *Pemphis acidula* Forst. (Lythraceae) against filarial and dengue vector mosquitoes. *Academic Journal of Entomology.* 2(2), 62-66.

17. Govindarajan M. 2010. Larvicidal efficacy of *Ficus benghalensis* L. plant leaf extracts against *Culex quinquefasciatus* say, *Aedes aegypti* L. and *Anopheles stephensi* L. (diptera: Culicidae). *European Review for Medical and Pharmacological Sciences,* 14(2), 107-111. (**Impact factor -3.3)**

18. Elumalai K, Krishnappa K, Anandan A, **Govindarajan M** and Mathivanan T. 2010. Larvicidal and ovicidal efficacy of ten medicinal plant essential oil against lepidopteran pest *Spodoptera litura* (Lepidoptera: Noctuidae). *International Journal of Recent Scientific Research,* 1001-1007.

19. Elumalai K, Krishnappa K, Anandan A, **Govindarajan M,** and Mathivanan T. 2010. Larvicidal and ovicidal activity of seven essential oil against lepidopteran pest *Spodoptera litura* (Lepidoptera: Noctuidae). *International Journal of Recent Scientific Research,* 1008-014.

20. Krishnappa, K, Anandan, A., Mathivanan, T., Elumalai, K and **Govindarajan M.** 2010.Antifeedant activity of volatile oil of *Tagetes patula* against armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *International Journal of Current Research.,* 4, 109-112.

21. Anandan A, Krishnappa K, Mathivanan T, Elumalai K and **Govindarajan M.** 2010. Bioefficacy of *Hyptis suaveolens* and *Melochia chorcorifolia* against the armyworm, *Spodoptera litura* (Fab.) (Lepidoptera: Noctuidae). *International Journal of Current Research,* 4, 117-121.

22. Sujatha R, Amsath A, and **Govindarajan M.** 2010. AST and ALT ratio in acute *Plasmodium vivax* infected patients in than Cudalore districts of Tamilnadu, India *International Journal of Recent Scientific Research,* 3, 069-071.

23. Sujatha R, Amsath A and **Govindarajan M.** 2010. Studies on comparative modeling of 51kda protein from *Plasmodium falciparum*. *International Journal of Recent Scientific Research,* 3, 071-076.

24. Elumalai K, Krishnappa K, Anandan A, **Govindarajan M** and Mathivanan T. 2010. Antifeedant activity of medicinal plant essential oils against *Spodoptera litura* (Lepidoptera: Noctuidae). *International Journal of Recent Scientific Research,* 2, 062-068.

25. Elumalai K, Krishnappa K, Anandan A, **Govindarajan M,** and Mathivanan T. 2010. Certain essential oil against the field pest army worm, *Spodoptera litura* (Lepidoptera: Noctuidae) *International Journal of Recent Scientific Research,* 2, 056-062.

26. Mathivanan T, **Govindarajan M,** Elumalai K, Krishnappa K, and Ananthan, A. 2010. Mosquito larvicidal and phytochemical properties of *Ervatamia coronaria* Stapf. (Family: Apocynaceae). *Journal of Vector Borne Diseases,* 47(3), 178-180. (**Impact factor -0.5).**

27. Govindarajan, M. 2010. Larvicidal and repellent activities of *Sida acuta* Burm. F. (Family: Malvaceae) against three important vector mosquitoes. *Asian Pacific Journal of Tropical Medicine,* 3(9), 691-695. (**Impact factor -3.1).**

28. Senthamilselvan A, Amsath A, and **Govindarajan M.** 2010. Effect of sublethal concentration of copper and lead on some haematological factors of Indian major carp, *Catla catla. International Journal of Recent Scientific Research,*5, 130-133.

29. Senthamilselvan A, Amsath A, and **Govindarajan M.** 2010. Copper and lead induced histopathological alterations in gill and liver of Indian major carp, *Catla catla. International Journal of Recent Scientific Research,* 5, 134-139.

30. Govindarajan M. 2010. Chemical composition and larvicidal activity of leaf essential oil from *Clausena anisata* (Willd.) hook.f.ex benth (Rutaceae) against three mosquito species. *Asian Pacific Journal of Tropical Medicine, 3*(11), 874-877. (**Impact factor - 3.1).**

31. Niraimathi S, Balaji N, Venkataramanan N, and **Govindarajan M.** 2010. Larvicidal activity of alkaloid from *Sida acuta* Burm. F. (Family:Malvaceae) against *Anopheles subpictus* Grassi, *Culex tritaeniorhynchus* Giles (Diptera:Culicidae). *International Journal of Current Research,* 11, 034-038.

32. Krishnappa K, Elumalai K, Anandan A, **Govindarajan M,** and Mathivanan T. 2010. Insecticidal properties of *Thymus persicus* essential oil and their chemical Composition against armyworm, *Spodoptera litura* (fab.) (Lepidoptera: Noctuidae). *International Journal of Recent Scientific Research.* 8, 170-176.

33. Krishnappa K, Elumalai K, Anandan A, **Govindarajan M** and Mathivanan T. 2010. Chemical composition and larvicidal and ovicidal activity of Essential oil from *Clausena dentata* against armyworm, *Spodoptera litura* (fab.) (Lepidoptera :Noctuidae) *International Journal of Recent Scientific Research,* 8, 188-203.

34. Govindarajan M, and Karuppannan, P. 2011. Mosquito larvicidal and ovicidal properties of *Eclipta alba* (L.) Hassk (Asteraceae) against chikungunya vector, *Aedes aegypti* (Linn.) (Diptera: Culicidae). *Asian Pacific Journal of Tropical Medicine,* 4(1), 24-28. (**Impact factor -3.1).**

35. Anandan, A, Krishnappa K, **Govindarajan M** and ElumaIai K. 2011. Antifeedant activity of some plant extracts against the fourth instar larvae of *Spodpotera litura* (Hub.). *International Journal of Recent Scientific Research.* 2(1), 01-03, 0.271.

36. Govindarajan M. 2011**.** Mosquito larvicidal and ovicidal activity of *Cardiospermum halicacabum* Linn. (Family: Sapindaceae) leaf extract against *Culex quinquefasciatus* (say.) and *Aedes aegypti* (Linn.) (Diptera: Culicidae). *European Review for Medical and Pharmacological Sciences,* 15(7), 787-794. (**Impact factor -3.3)**

37. **Govindarajan M.** 2011. Evaluation of indigenous plant extracts against the malarial vector, *Anopheles stephensi* (liston) (Diptera: Culicidae). *Parasitology Research,* 109(1), 93-103. (**Impact factor -2)**

38. **Govindarajan M.** 2011. Larvicidal and repellent properties of some essential oils against *Culex tritaeniorhynchus* Giles and *Anopheles subpictus* Grassi (Diptera: Culicidae). *Asian Pacific Journal of Tropical Medicine,* 4(2), 106-111. doi:10.1016/S1995-7645(11)60047-3. (**Impact factor -3.1).**

39. **Govindarajan M,** Mathivanan, T, Elumalai K, Krishnappa K, and Anandan A. 2011. Mosquito larvicidal, ovicidal, and repellent properties of botanical extracts against *Anopheles stephensi, Aedes aegypti*, and *Culex quinquefasciatus* (Diptera: Culicidae). *Parasitology Research,* 109(2), 353-367. doi:10.1007/s00436-011-2263-1. (**Impact factor -2)**

40. **Govindarajan M,** Mathivanan T, Elumalai K, Krishnappa K, and Anandan A. 2011. Ovicidal and repellent activities of botanical extracts against *Culex quinquefasciatus, Aedes aegypti* and *Anopheles stephensi* (Diptera: Culicidae). *Asian Pacific Journal of Tropical Biomedicine.* 1(1), 43-48. doi:10.1016/S2221-1691(11)60066-X. (**Impact factor -1.7)**

41. Niraimathi S, Anjelina Glorida Parimala, S and **Govindarajan M.** 2011. Multiplex PCR-based detection of *Leptospira canicola* in environmental water samples obtained from Nagapattinam area. *International Journal of Current Research,* 33(3), 204-208.

42. **Govindarajan M.** 2011. Evaluation of *Andrographis paniculata* Burm.f. (Family:Acanthaceae) extracts against *Culex quinquefasciatus* (Say.) and *Aedes aegypti* (Linn.) (Diptera:Culicidae). *Asian Pacific Journal of Tropical Medicine, 4*(3), 176-181. doi:10.1016/S1995-7645(11)60064-3. (**Impact factor -3.1).**

43. **Govindarajan M.** 2011. Ovicidal and repellent properties of *Coccinia indica* Wight and Arn. (Family:Cucurbitaceae) against three important vector mosquitoes. *European Review for Medical and Pharmacological Sciences,* 15(9), 1010-1019. (**Impact factor -3.3)**

44. Sivakumar R, Jebanesan A, **Govindarajan M,** and Rajasekar P. 2011. Oviposition attractancy of dodecanoic, hexadecanoic and tetradecanoic acids against *Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *European Review for Medical and Pharmacological Sciences,* 15(10), 1172-1175. (**Impact factor -3.3)**

45. **Govindarajan M,** Sivakumar R, Amsath A, and Niraimathi S. 2011. Mosquito larvicidal properties of *Ficus benghalensis* L. (Family: Moraceae) against *Culex tritaeniorhynchus* Giles and *Anopheles subpictus* Grassi (Diptera: Culicidae). *Asian Pacific Journal of Tropical Medicine,* 4(7), 505-509. (**Impact factor -3.1).**

46. Sivakumar R, Jebanesan A, **Govindarajan M,** and Rajasekar P. 2011. Larvicidal and repellent activity of tetradecanoic acid against *Aedes aegypti* (Linn.) and *Culex quinquefasciatus* (Say.) (Diptera:Culicidae). *Asian Pacific Journal of Tropical Medicine,* 4(9), 706-710. doi:10.1016/S1995-7645(11)60178-8. (**Impact factor -3.1).**

47. **Govindarajan M,** and Sivakumar, R. 2011. Mosquito adulticidal and repellent activities of botanical extracts against malarial vector, *Anopheles stephensi* Liston (Diptera: Culicidae). *Asian Pacific Journal of Tropical Medicine,* 4(12), 941-947. doi:10.1016/S1995-7645(11)60223-X. (**Impact factor -3.1).**

48. **Govindarajan M,** Sivakumar R, and Rajeswari M. 2011. Larvicidal efficacy of *Cassia fistula* Linn. leaf extract against *Culex tritaeniorhynchus* Giles and *Anopheles subpictus* Grassi (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease,* 1(4), 295-298. doi:10.1016/S2222-1808(11)60070-4. (**Impact factor -3.1)**

49. Priya P.K, Niraimathi S, Megala S, and **Govindarajan M.** 2011. An analysis of bio chemical with minerals composition of three different species fish by drying methods (*Bonga* spp., *sardinella* spp. and *Oreochromis nilotieus*). *International Journal of Recent Scientific Research* 2(11), 279 -282.

50. Prem kumar T, Senthil kumar T, Niraimathi S, and **Govindarajan M.** 2011. Atherothrombotic risk factors and premature coronary heart disease in Nagapattinam District, India: a case-control study methods. *International Journal of Recent Scientific Research,* 2(12), 297 -301**.**

51. Sakthivel K, Senthil kumar T, Niraimathi S, **Govindarajan M.** 2012. Buruli ulcer disease in Nagapattinam district, India: A Histological analysis – case study. *International Journal of Current life Sciences,* 2(3), 19-22.

52. Sathish K, Niraimathi S, **Govindarajan M,** and Muthukumaran. B. 2012. Epidemiological and clinical data of *Trypnosoma cruzia* in Nagapattinam district. *International journal of current Advanced Research*, 2(2), 30-34.

53. Premkumar T, Niraimathi S, **Govindarajan M** and Muthukumaran B. 2012. Blood urea Nitrogen and clinical analysis of coronary heart disease in Nagapattinam district. *International journal of current Advanced Research*, 2(2) 26-29.

54. Sakhivel K, Niraimathi S, **Govindarajan M.** 2012. Induced disabsility of Buruli ulcer disease in Karaikal district. *International journal of Recent Scientific Research*, 3(11), 928-931.

55. Govindarajan M, and Sivakumar R. 2012. Adulticidal and repellent properties of indigenous plant extracts against *Culex quinquefasciatus* and *Aedes aegypti* (Diptera: Culicidae). *Parasitology Research,* 110(5), 1607-1620. doi:10.1007/s00436-011-2669-9. (**Impact factor -2)**

56. Govindarajan M, Sivakumar R, Rajeswari M, and Yogalakshmi K. 2012. Chemical composition and larvicidal activity of essential oil from *Mentha spicata* (linn.) against three mosquito species. *Parasitology Research,* 110(5), 2023-2032. doi:10.1007/s00436-011-2731-7(**Impact factor -2)**

57. Govindarajan M, Rajamohan S, Mohan R, and Krishnamoorthy Y. 2012. Larvicidal and ovicidal properties of leaf and seed extracts of *Delonix elata* (L.) gamble (Family: Fabaceae) against malaria (*Anopheles stephensi* Liston) and dengue (*Aedes aegypti* Linn.) (Diptera: Culicidae) vector mosquitoes. *Parasitology Research*, 111(1), 65-77. (**Impact factor -2)**

58. **Govindarajan M,** Sivakumar R, Rajeswary M, and Yogalakshmi K. 2012. Adulticidal activity of *Pithecellobium dulce* (Roxb.) benth. against *Culex quinquefasciatus* (Say). *Asian Pacific Journal of Tropical Disease,* 2(2), 124-128.

59. Govindarajan M, Sivakumar R, Amsath A, and Niraimathi S. 2012. Larvicidal efficacy of botanical extracts against two important vector mosquitoes. *European Review for Medical and Pharmacological Sciences* 16(3), 386-392. (**Impact factor -3.3)**

60. Govindarajan M, and Sivakumar R. 2012. Repellent properties of *Cardiospermum halicacabum* Linn. (Family: Sapindaceae) plant leaf extracts against three important vector mosquitoes. *Asian Pacific Journal of Tropical Biomedicine,* 2(8), 602-607. doi:10.1016/S2221-1691(12)60105-1. (**Impact factor -1.7)**

61. Govindarajan M, and Sivakumar R. 2012. Adulticidal properties of *Cardiospermum halicacabum* plant extracts against three important vector mosquitoes. *European Review for Medical and Pharmacological Sciences,* 16(SUPPL. 3), 95-104. (**Impact factor -3.3)**

62. **Govindarajan M,** Rajeswary M, and Sivakumar R. 2012. Mosquito larvicidal and ovicidal activity of *Delonix elata* (L.) Gamble against *Culex quinquefasciatus* say (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease,* 2(SUPPL2), S571-S573. doi:10.1016/S2222-1808(12)60223-0. (**Impact factor -3.1)**

63. **Govindarajan M**, and Sivakumar R. 2013. Chemical Composition and Larvicidal properties of *Clausena anisata* (Wild.) Hook. F. Ex Benth (Rutaceae) essential oil against *Anopheles subpictus* and *Aedes albopictus* (Diptera: Culicidae). *International Journal of Current Medical Science,* 3(1), 10-14.

64. Sivakumar R, and **Govindarajan M**. 2013.Mosquito Larvicidal efficacy of *Eclipta alba* (L.) Hassk. against filariasis vector, *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Current Biochemistry and Biotechnology.* 2(1), 1-5.

65. Rajeswary M, **Govindarajan M**, and Sivakumar R. 2013. Mosquito Repellent properties of *Pithecellobium dulce* (Roxb.) Benth. (Family: Fabaceae) against Dengue vector, *Aedes aegypti* (Linn.) (Diptera: Culicidae). *International Journal of Current Biochemistry and Biotechnology,*2(1), 10-13.

66. Yogalakshmi K, **Govindarajan M**, Sivakumar R and Veerakumar K. 2013. Larvicidal properties of Vetiver essential oil (*Vetiveria zizanoides*. L) *Culex tritaeniorhynchus,* (Diptera: Culicidae). *International Journal of Current Science and Technology*, 2(1), 1-3.

67. Sivakumar R, and **Govindarajan M**. 2013. Mosquito adulticidal activity of *Coccinia indica* Wight and Arn. (Family: Cucurbitaceae) against *Culex quinquefasciatus* Say (Diptera: Culicidae). *International Journal of Current Science and Technology.* 2(1), 4-8.

68. Ramya A, **Govindarajan M**, Sivakumar R, Rajeswary M, Yogalakshmi K, and Veerakumar K. 2013. Larvicidal efficacy of *Cassia fistula* Linn. Flower extract against *Aedes aegypti* (Diptera: Culicidae). *International Journal of Current Science and Technology,* 2(1), 13.

69. Sathish K, Niraimathi S, **Govindarajan M**, Senthilkumar T. 2013. Chemotheraphy of children in Chagas' disease. *International Journal of Current Zoological Research,* 1(1), 5-8.

70. Premkumar T, Niraimathi S, **Govindarajan M**, Senthilkumar T. 2013. Nitrate therapy treatment of Ischemic heart disease (Angina). *International Journal of Current Zoological Research,* 1(1), 13.

71. Sakthivel K, Niraimathi S,and **Govindarajan M**, Angelina glorita parimala S. 2013. Chemotherapy treatment of Rifampicin and Clarithromycin in Buruli ulcer disease. *International Journal of Current Zoological Research,* 1(1), 14-16.

72. **Govindarajan M,** Sivakumar R, Rajeswary M, and Yogalakshmi K. 2013. Chemical composition and larvicidal activity of essential oil from *Ocimum basilicum* (L.) against *Culex tritaeniorhynchus*, *Aedes albopictus* and *Anopheles subpictus* (Diptera: Culicidae). *Experimental Parasitology,* 134(1), 7-11. doi:10.1016/j.exppara.2013.01.018. (**Impact factor -2.1)**

73. **Govindarajan M,** Rajeshwary M and Amsath A. 2013. Larvicidal properties of *Caesalpinia pulcherrima* (Family: Fabaceae) against *Culex tritaeniorhynchus*, *Aedes albopictus* and *Anopheles subpictus* (Diptera: Culicidae). *International Journal of Pure and Applied Zoology* 1(1), 15-23

74. Gurumoorthy K, **Govindarajan M** and Amsath A. 2013. Preatory behavior and efficiency of the water bug *Sphaerodema rusticum* on mosquito larvae *Culex quinquefasciatus*. *International Journal of Pure and Applied Zoology* 1(1), 24-29.

75. Rajeswary, M., and **Govindarajan, M.** 2013. Mosquito larvicidal and phytochemical properties of *Ageratina adenophora* (Asteraceae) against three important mosquitoes. *Journal of Vector Borne Diseases, 50*(2), 141-143. (**Impact factor -0.5).**

76. Govindarajan M. 2013. Larvicidal activity of *Cassia fistula* flower extract against *Culex tritaeniorhynchus* Giles, *Aedes albopictus* Skuse and *Anopheles subpictus* Grassi (Diptera:Culicidae). *International Journal of Pure and Applied Zoology*. 1(2),117-121. (**Impact factor -3.97)**

77. Rajeswary M, and **Govindarajan M.** 2013. Repellent properties of *Ageratina adenophora* against dengue vector mosquito, *Aedes aegypti* Linn. (Diptera: Culicidae). *International Journal of Pure and Applied Zoology*. 1(2), 167-171.

78. Govindarajan M, Rajeswary, M, and Sivakumar, R. 2013. Larvicidal and ovicidal efficacy of *Pithecellobium dulce* (Roxb.) benth. (Fabaceae) against *Anopheles stephensi* liston and *Aedes aegypti* linn. (Diptera: Culicidae). *Indian Journal of Medical Research, 138*(JUL 2013), 129-134. (**Impact factor -4.2)**

79. Govindarajan M, Sivakumar R, Rajeswary M, and Veerakumar K. 2013. Mosquito larvicidal activity of thymol from essential oil of *Coleus aromaticus* Benth. against *Culex tritaeniorhynchus, Aedes albopictus*, and *Anopheles subpictus* (Diptera: Culicidae). *Parasitology Research,* 112(11), 3713-3721. (**Impact factor -2)**

80. Veerakumar K, **Govindarajan M,** and Rajeswary M. 2013. Green synthesis of silver nanoparticles using *Sida acuta* (Malvaceae) leaf extract against *Culex quinquefasciatus*, *Anopheles stephensi*, and *Aedes aegypti* (Diptera: Culicidae). *Parasitology Research,* 112(12), 4073-4085. (**Impact factor -2)**

81. Muthukumaravel K, Rajaraman P, Nathiya N, **Govindarajan M,** and Raveendran S. 2013. Studies on the histopathology of selected organs of freshwater fish *Labeo rohita* exposed to pesticide monocrotophos. *International Journal of Recent Scientific Research.* 4(11), 1728-1735.

82. Muthukumaravel K, Sivakumar B, Kumarasamy P, and **Govindarajan M**. 2013. Studies on the toxicity of pesticide monocrotophos on the biochemical constituents of the freshwater fish *Labeo rohita. International Journal of Current Biochemistry and Biotechnology.* 2 (10), 20-26.

83. Govindarajan M, and Sivakumar R. 2014. Larvicidal, ovicidal, and adulticidal efficacy of *Erythrina indica* (Lam.) (Family: Fabaceae) against *Anopheles stephensi*, *Aedes aegypti*, and *Culex quinquefasciatus* (Diptera: Culicidae). *Parasitology Research,* 113(2), 777-791. (**Impact factor -2)**

84. Govindarajan M, and Sivakumar R. 2014. Ovicidal, larvicidal and adulticidal properties of *Asparagus racemosus* (willd.) (Family: Asparagaceae) root extracts against filariasis (*Culex quinquefasciatus*), dengue (*Aedes aegypti*) and malaria (*Anopheles stephensi*) vector mosquitoes (Diptera: Culicidae). *Parasitology Research,* 113(4), 1435-1449. (**Impact factor -2)**

85. **Govindarajan M.** 2014. Mosquito repellent properties of *Delonix elata* (L.) gamble (Family: Fabaceae) against filariasis vector, *Culex quinquefasciatus* Say. (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease, 4*(S1), S194-S198. doi:10.1016/S2222-1808(14)60438-2

86. Rajeswary M, and **Govindarajan, M.** 2014. Adulticidal properties of *Pithecellobium dulce* (Roxb.) benth. (Family: Fabaceae) against dengue vector, *Aedes aegypti* (Linn.) (Diptera: Culicidae). *Asian Pacific Journal of Tropical Disease, 4*(S1), S449-S452. doi:10.1016/S2222-1808(14)60489-8

87. **Govindarajan M,** Rajeswary M. 2014. Mosquito larvicidal properties of *Impatiens balsamina* (Balsaminaceae) against *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Journal of Coastal Life Medicine*. 2(3), 222-224

88. **Govindarajan M,** Rajeswary M, Sivakumar R. 2014. Mosquito larvicidal and ovicidal properties of *Pithecellobium dulce* (Roxb.) Benth. (Fabaceae) against *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Coastal Life Medicine*. 2(4), 308-312

89. Veerakumar, K., **Govindarajan, M.,** Rajeswary, M., and Muthukumaran, U. 2014. Low-cost and eco-friendly green synthesis of silver nanoparticles using *Feronia elephantum* (rutaceae) against *Culex quinquefasciatus*, *Anopheles stephensi*, and *Aedes aegypti* (Diptera: Culicidae). *Parasitology Research, 113*(5), 1775-1785. (**Impact factor -2)**

90. Rajeswary M, **Govindarajan M.** 2014. Mosquito adulticidal properties of *Delonix elata* (Family:Fabaceae) against dengue vector, *Aedes aegypti* (Diptera:Culicidae). *Journal of Coastal Life Medicine*. 2(5), 389-393

91. Rajeswary M, **Govindarajan M.** 2014. Adulticidal efficacy of *Delonix elata* against filariasis vector mosquito, *Culex quinquefasciatus* (Diptera: Culicidae). *Journal of Coastal Life Medicine*. 2(7), 564-568

92. Rajeswary M, **Govindarajan M**. 2014. Mosquito repellent potential of *Pithecellobium dulce* leaf and seed against malaria vector *Anopheles stephensi* (Diptera: Culicidae). *Journal of Coastal Life Medicine*. 2(8), 648-651

93. Aarthi N., Murugan K, Donald R. Barnard, Jiang-Shiou Hwang, **Govindarajan M.** 2014. Larvicidal and repellent activity of *Vetiveria zizanioides* (Poaceae) essential oil against the malaria vector, *Anopheles stephensi* (Liston) (Diptera: Culicidae). *International Journal of Recent Scientific Research.* 5(4), 899-901.

94. Rajeswary M, **Govindarajan M**, Murugan K, Jiang-Shiou Hwang, Donald R. Barnard, Amsath A., Veerakumar K, Muthukumaran U. 2014. Mosquito ovicidal properties of *Ageratina adenophora* (Family: Asteraceae) against filariasis Vector, *Culex quinquefasciatus* (Diptera: Culicidae). *International Journal of Pure and Applied Zoology*. 2(2), 182-186.

95. Rajeswary M, **Govindarajan M**, Murugan K, Jiang-Shiou Hwang, Donald R. Barnard, Muthukumaran U. 2014. Ovicidal Activity of *Ageratina adenophora* (Family: Asteraceae) against Dengue Vector, *Aedes aegypti* (Diptera: Culicidae). *International Journal of Current Innovation Research*. 1(1), 20-23.

96. Radha, R., K. Murugan, Hui Wei, D. Amerasan, P. Madhiyazhagan, Fajun Chen, K. Kovendan Thiyagaraj Nataraj and A. Nareshkumar, Jiang-Shiou Hwang and **M. Govindarajan**. 2014. Insecticidal Activity of Essential Oils and Entomopathogenic Fungi Against Cowpea Bruchid, *Callosobruchus maculatus* (f.) (Insecta: Coleoptera: bruchidae). *International Journal of Current Innovation Research.*1(1),11-19.

97. Rajeswary M., **Govindarajan M**, Murugan K, Jiang-Shiou Hwang, Donald R. Barnard, Amsath A, MuthukumaranU. 2014. Ovicidal Efficacy of *Ageratina adenophora* (Family:Asteraceae) against *Anopheles stephensi* (Diptera: Culicidae). *International Journal of Pure and Applied Zoology*. 2(3), 196-199.

98. Veerakumar, K., and **Govindarajan, M.** 2014. Adulticidal properties of synthesized silver nanoparticles using leaf extracts of *Feronia elephantum* (Rutaceae) against filariasis, malaria, and dengue vector mosquitoes. *Parasitology Research, 113*(11), 4085-4096. doi:10.1007/s00436-014-4077-4. (**Impact factor -2)**

99. Veerakumar, K., **Govindarajan, M.,** and Hoti, S. L. 2014. Evaluation of plant-mediated synthesized silver nanoparticles against vector mosquitoes. *Parasitology Research, 113*(12), 4567-4577. (**Impact factor -2)**

100. Govindarajan, M., Ramya, A., and Sivakumar, R. 2014. Mosquito larvicidal properties of *Mirabilis jalapa* (Nyctaginaceae) against *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *Indian Journal of Medical Research, 140*(September), 438-440. (**Impact factor -4.2)**

101. Veerakumar, K., **M. Govindarajan**, K. Murugan. 2014. Single-step novel biosynthesis of silver nanoparticles: A potent and eco-friendly mosquitocides. *Journal of Ecobiotechnology.* 6: 1-8.

102. Govindarajan, M., and Rajeswary, M. 2015. Ovicidal and adulticidal potential of leaf and seed extract of *Albizia lebbeck* (L.) benth. (Family: Fabaceae) against *Culex quinquefasciatus, Aedes aegypti,* and *Anopheles stephensi* (Diptera: Culicidae). *Parasitology Research, 114*(5), 1949-1961. (**Impact factor -2)**

103. **Govindarajan, M.,** Rajeswary, M., and Sivakumar, R. 2015. Repellent properties of *Delonix elata* (L.) Gamble (Family: Fabaceae) against malaria vector *Anopheles stephensi* (liston) (Diptera: Culicidae). *Journal of the Saudi Society of Agricultural Sciences, 14*(2), 128-133. doi:10.1016/j.jssas.2013.08.005.

104. Govindarajan, M., and Sivakumar, R. 2015. Laboratory evaluation of Indian medicinal plants as repellents against malaria, dengue, and filariasis vector mosquitoes. *Parasitology Research, 114*(2), 601-612. (**Impact factor -2)**

105. Muthukumaran, U., **Govindarajan, M.,** and Rajeswary, M. 2015. Mosquito larvicidal potential of silver nanoparticles synthesized using *Chomelia asiatica* (Rubiaceae) against *Anopheles stephensi, Aedes aegypti,* and *Culex quinquefasciatus* (Diptera: Culicidae). *Parasitology Research, 114*(3), 989-999. (**Impact factor -2)**

106. Muthukumaran, U., **Govindarajan, M.,** Rajeswary, M., and Hoti, S. L. 2015. Synthesis and characterization of silver nanoparticles using *Gmelina asiatica* leaf extract against filariasis, dengue, and malaria vector mosquitoes. *Parasitology Research, 114*(5), 1817-1827. (**Impact factor -2)**

107. **Govindarajan, M.,** Mohan Rajeswary, S. L. Hoti, Giovanni Benelli, A. Amsath. 2015. Adulticidal activity of *Pithecellobium dulce* (ROXB.) Benth. and *Delonix elata* (L.) Gamble (Family: Fabaceae) against the malaria vector *Anopheles stephensi* (Liston) (Diptera: Culicidae). *International Journal of Pure and Applied Zoology.* 3 (3), 274-278.

108. **Govindarajan Marimuthu**, Mohan Rajeswary, S.L. Hoti, Atanu Bhattacharyya , Giovanni Benelli and A. Amsath. 2015. Mosquito repellent activity of *Delonix elata* (Fabaceae) leaf and seed extracts against the primary dengue vector *Aedes aegypti* (Diptera: Culicidae). *International Journal of Pure and Applied Zoology*. 3 (4), 312.

109. Muthukumaran, U., **Govindarajan, M.,** and Rajeswary, M. 2015. Green synthesis of silver nanoparticles from *Cassia roxburghii*—a most potent power for mosquito control. *Parasitology Research, 114*(12), 4385-4395. (**Impact factor -2)**

110. **Govindarajan**, **M.,** Rajeswary, M. 2015. Repellent properties of *Pithecellobium dulce* (Roxb.) Benth. (Family: Fabaceae) against filariasis vector, *Culex quinquefasciatus* Say (Diptera: Culicidae). *Journal of Medicinal Herbs and Ethnomedicine.* 1(1), 103-107.

111. **Govindarajan, M.**, M.Rajeswary, S. L. Hoti, G. Benelli. 2015. Ovicidal activity of *Pithecellobium dulce* (Family: Fabaceae) leaf and seed extracts against filariasis vector mosquito *Culex quinquefasciatus* (Diptera: Culicidae). *Journal of Medicinal Herbs and Ethnomedicine.* 1: 116-119.

112. **Govindarajan, M.,** Rajeswary, M., Hoti, S.L., Bhattacharyya, A. and Benelli, G. 2016, "Eugenol, α-pinene and β-caryophyllene from *Plectranthus barbatus* essential oil as eco-friendly larvicides against malaria, dengue and Japanese encephalitis mosquito vectors", *Parasitology research,* 115(2), 807-815. (**Impact factor -2)**

113. **Govindarajan, M.** and Benelli, G. 2016, "Facile biosynthesis of silver nanoparticles using *Barleria cristata*: mosquitocidal potential and biotoxicity on three non-target aquatic organisms", *Parasitology research,* 115 (3), 925-935. (**Impact factor -2)**

114. **Govindarajan, M.,** Rajeswary, M., Hoti, S.L., Murugan, K., Kovendan, K., Arivoli, S. and Benelli, G. 2016, "*Clerodendrum chinense*-mediated biofabrication of silver nanoparticles: Mosquitocidal potential and acute toxicity against non-target aquatic organisms", *Journal of Asia-Pacific Entomology,* vol. 19, no. 1, pp. 51-58. (**Impact factor -1.5)**

115. **Govindarajan, M.,** Rajeswary, M., Hoti, S.L. and Benelli, G. 2016, "Larvicidal potential of carvacrol and terpinen-4-ol from the essential oil of *Origanum vulgare* (Lamiaceae) against *Anopheles stephensi, Anopheles subpictus, Culex quinquefasciatus* and *Culex tritaeniorhynchus* (Diptera: Culicidae)", *Research in veterinary science,* vol. 104, pp. 77-82. (**Impact factor -2.4)**

116. **Govindarajan, M.,** Rajeswary, M., Veerakumar, K., Muthukumaran, U., Hoti, S.L. and Benelli, G. 2016, "Green synthesis and characterization of silver nanoparticles fabricated using *Anisomeles indica*: Mosquitocidal potential against malaria, dengue and Japanese encephalitis vectors", *Experimental parasitology,* vol. 161, pp. 40-47. (**Impact factor -2.1)**

117. **Govindarajan, M.,** Rajeswary, M., Arivoli, S., Tennyson, S. and Benelli, G. 2016, "Larvicidal and repellent potential of *Zingiber nimmonii* (J. Graham) Dalzell (Zingiberaceae) essential oil: an eco-friendly tool against malaria, dengue, and lymphatic filariasis mosquito vectors?", *Parasitology research,* 115(5), 1807-1816. (**Impact factor -2)**

118. **Govindarajan, M.,** Nicoletti, M. and Benelli, G. 2016, "Bio-physical Characterization of Poly-dispersed Silver Nanocrystals Fabricated Using *Carissa spinarum*: A Potent Tool Against Mosquito Vectors", *Journal of Cluster Science,* vol. 27, no. 2, pp. 745-761. (**Impact factor -2.8)**

119. **Govindarajan, M.,** Rajeswary, M. and Benelli, G. 2016, "Chemical composition, toxicity and non-target effects of *Pinus kesiya* essential oil: An eco-friendly and novel larvicide against malaria, dengue and lymphatic filariasis mosquito vectors", *Ecotoxicology and environmental safety,* vol. 129, pp. 85-90. **(Impact factor -6.8)**

120. **Govindarajan, M.** and Benelli, G. 2016, "α-Humulene and β-elemene from *Syzygium zeylanicum* (Myrtaceae) essential oil: highly effective and eco-friendly larvicides against *Anopheles subpictus, Aedes albopictus*, and *Culex tritaeniorhynchus* (Diptera: Culicidae)", *Parasitology research,* 115(7), 2771-2778. (**Impact factor -2)**

121. **Govindarajan, M.,** Hoti, S.L., Rajeswary, M. and Benelli, G. 2016, "One-step synthesis of polydispersed silver nanocrystals using *Malva sylvestris*: an eco-friendly mosquito larvicide with negligible impact on non-target aquatic organisms", *Parasitology research,* 115(7), 2685-2695. (**Impact factor -2)**

122. **Govindarajan, M.** and Benelli, G. 2016, "One-pot fabrication of silver nanocrystals using *Ormocarpum cochinchinense*: Biophysical characterization of a potent mosquitocidal and toxicity on non-target mosquito predators", *Journal of Asia-Pacific Entomology,* vol. 19, no. 2, pp. 377-385. (**Impact factor -1.5)**

123. Muthukumaran, U., **Govindarajan, M.**, Rajeswary, M., Veerakumar, K., Amsath, A. and Muthukumaravel, K. 2016. Adulticidal activity of synthesized silver nanoparticles using *Chomelia asiatica* Linn. (Family: Rubiaceae) against *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae). *International Journal of Zoology and Applied Biosciences.* 1(2): 118-129

124. Veerakumar, K., **M. Govindarajan,** K.Murugan. 2016. Phyto-synthesized silver nanoparticles: A potent mosquito ovicidal activity. *International Journal of Zoology and Applied Biosciences*. 1(2): 76-85

125. Govindarajan, M., Rajeswary, M., Hoti, S.L., Nicoletti, M. and Benelli, G. 2016, "Facile synthesis of mosquitocidal silver nanoparticles using *Mussaenda glabra* leaf extract: characterisation and impact on non-target aquatic organisms", *Natural Product Research,* vol. 30, no. 21, pp. 2491-2494. (**Impact factor -2.2)**

126. Arivoli, S., S. Tennyson, R. Raveen, M. Jayakumar, B. Senthilkumar, **M. Govindarajan**, R. Babujanarthanam, S. Vijayanand. 2016. Larvicidal activity of fractions of *Sphaeranthus indicus* Linnaeus (Asteraceae) ethyl acetate whole plant extract against *Aedes aegypti* Linnaeus 1762, *Anopheles stephensi* Liston 1901 and *Culex quinquefasciatus* Say 1823 (Diptera: Culicidae). *International Journal of Mosquito Research*. 3(2): 18-30

127. Khater, H., Hendawy, N., **Govindarajan, M.,** Murugan, K. and Benelli, G. 2016, "Photosensitizers in the fight against ticks: safranin as a novel photodynamic fluorescent acaricide to control the camel tick *Hyalomma dromedarii* (Ixodidae)", *Parasitology research,* vol. 115, no. 10, pp. 3747-3758. (**Impact factor -2)**

128. Govindarajan, M., Khater, H.F., Panneerselvam, C. and Benelli, G. 2016, "One-pot fabrication of silver nanocrystals using *Nicandra physalodes*: A novel route for mosquito vector control with moderate toxicity on non-target water bugs", *Research in veterinary science,* vol. 107, pp. 95-101. (**Impact factor -2.4)**

129. Atanu Bhattacharyya, Ram Prasad, Abdul A. Buhroo, Prabha Duraisamy, Insha Yousuf, M. Umadevi, M.R. Bindhu, **M. Govindarajan** and Abdul L. Khanday.2016. One-Pot Fabrication and Characterization of Silver Nanoparticles using *Solanum lycopersicum*: An Eco-friendly and Potent Control Tool Against Rose Aphid, *Macrosiphum rosae.* Journal of nanoscience. Article ID 4679410, 7 pages. http://dx.doi.org/10.1155/2016/4679410

130. Gopinath, K., Kumaraguru, S., Bhakyaraj, K., Mohan, S., Venkatesh, K.S., Esakkirajan, M., Kaleeswarran, P., Alharbi, N.S., Kadaikunnan, S., **Govindarajan, M.,** Benelli, G. and Arumugam, A. 2016, "Green synthesis of silver, gold and silver/gold bimetallic nanoparticles using the *Gloriosa superba* leaf extract and their antibacterial and antibiofilm activities", *Microbial pathogenesis,* vol. 101, pp. 1-11. (**Impact factor -3.8)**

131. Govindarajan, M. and Benelli, G. 2016, "*Artemisia absinthium*-borne compounds as novel larvicides: effectiveness against six mosquito vectors and acute toxicity on non-target aquatic organisms", *Parasitology research,* 115(12), 4649-4661. (**Impact factor -2)**

132. Govindarajan, M. and Benelli, G. 2016, "Eco-friendly larvicides from Indian plants: Effectiveness of lavandulyl acetate and bicyclogermacrene on malaria, dengue and Japanese encephalitis mosquito vectors", *Ecotoxicology and environmental safety,* vol. 133, pp. 395-402. **(Impact factor -6.8)**

133. Govindarajan, M. and Benelli, G. 2016, "One-pot green synthesis of silver nanocrystals using **Hymenodictyon orixense**: A cheap and effective tool against malaria, chikungunya and Japanese encephalitis mosquito vectors?", *RSC Advances,* vol. 6, no. 64, pp. 59021-59029. **(Impact factor -3.9)**

134. **Govindarajan, M.,** Hoti, S.L. and Benelli, G. 2016, "Facile fabrication of eco-friendly nano-mosquitocides: Biophysical characterization and effectiveness on neglected tropical mosquito vectors", *Enzyme and microbial technology,* vol. 95, pp. 155-163. **(Impact factor -3.4)**

135. **Govindarajan, M.,** Kadaikunnan, S., Alharbi, N.S. and Benelli, G. 2016, "Acute toxicity and repellent activity of the *Origanum scabrum* Boiss. and Heldr. (Lamiaceae) essential oil against four mosquito vectors of public health importance and its biosafety on non-target aquatic organisms", *Environmental Science and Pollution Research,* vol. 23, no. 22, pp. 23228-23238. **(Impact factor -5.8)**

136. **Govindarajan, M.,** Rajeswary, M. and Benelli, G. 2016, "δ-Cadinene, calarene and δ-4-carene from *Kadsura heteroclita* essential oil as novel larvicides against malaria, dengue and filariasis mosquitoes", *Combinatorial Chemistry & High Throughput Screening,* vol. 19, no. 7, pp. 565-571. **(Impact factor -1.8)**

137. **Govindarajan, M.,** Rajeswary, M., Muthukumaran, U., Hoti, S.L., Khater, H.F. and Benelli, G. 2016, "Single-step biosynthesis and characterization of silver nanoparticles using *Zornia diphylla* leaves: A potent eco-friendly tool against malaria and arbovirus vectors", *Journal of Photochemistry and Photobiology B: Biology,* vol. 161, pp. 482-489. (**Impact factor -5.4)**

138. **Govindarajan, M.,** Vijayan, P., Kadaikunnan, S., Alharbi, N.S. and Benelli, G. 2016, "One-pot biogenic fabrication of silver nanocrystals using *Quisqualis indica*: Effectiveness on malaria and Zika virus mosquito vectors, and impact on non-target aquatic organisms", *Journal of Photochemistry and Photobiology B: Biology,* vol. 162, pp. 646-655. (**Impact factor -5.4)**

139. Kovendan, K., Chandramohan, B., Dinesh, D., Abirami, D., Vijayan, P., **Govindarajan, M.,** Vincent, S. and Benelli, G. 2016, "Green-synthesized silver nanoparticles using *Psychotria nilgiriensis*: toxicity against the dengue vector *Aedes aegypti* (Diptera: Culicidae) and impact on the predatory efficiency of the non-target organism *Poecilia sphenops* (Cyprinodontiformes: Poeciliidae)", *Journal of Asia-Pacific Entomology,* vol. 19, no. 4, pp. 1001-1007. (**Impact factor -1.5)**

140. Thameem Azarudeen, R.M.S., **Govindarajan, M.,** Amsath, A., Kadaikunnan, S., Alharbi, N.S., Vijayan, P., Muthukumaran, U. and Benelli, G. 2016, "Size-controlled fabrication of silver nanoparticles using the: *Hedyotis puberula* leaf extract: Toxicity on mosquito vectors and impact on biological control agents", *RSC Advances,* vol. 6, no. 99, pp. 96573-96583. (**Impact factor -3.9)**

141. Alharbi, N.S., Bhakyaraj, K., Gopinath, K., **Govindarajan, M.,** Kumuraguru, S., Mohan, S., Kaleeswarran, P., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Gum-Mediated Fabrication of Eco-Friendly Gold Nanoparticles Promoting Cell Division and Pollen Germination in Plant Cells", *Journal of Cluster Science,* vol. 28, no. 1, pp. 507-517. (**Impact factor -2.8)**

142. AlQahtani, F.S., AlShebly, M.M., **Govindarajan, M.,** Senthilmurugan, S., Vijayan, P. and Benelli, G. 2017, "Green and facile biosynthesis of silver nanocomposites using the aqueous extract of *Rubus ellipticus* leaves: Toxicity and oviposition deterrent activity against Zika virus, malaria and filariasis mosquito vectors", *Journal of Asia-Pacific Entomology,* vol. 20, no. 1, pp. 157-164. (**Impact factor -1.5)**

143. AlShebly, M.M., AlQahtani, F.S., **Govindarajan, M.,** Gopinath, K., Vijayan, P. and Benelli, G. 2017, "Toxicity of ar-curcumene and epi-β-bisabolol from *Hedychium larsenii* (Zingiberaceae) essential oil on malaria, chikungunya and Japanese encephalitis mosquito

vectors", *Ecotoxicology and environmental safety,* vol. 137, pp. 149-157. **(Impact factor - 6.8)**

144. Anjugam, M., Vaseeharan, B., Iswarya, A., Amala, M., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "A study on β-glucan binding protein (β-GBP) and its involvement in phenoloxidase cascade in Indian white shrimp Fenneropenaeus indicus", *Molecular immunology,* vol. 92, pp. 1-11. **(Impact factor -3.6)**

145. Azarudeen, R.M.S.T., **Govindarajan, M.,** AlShebly, M.M., AlQahtani, F.S., Amsath, A., Senthilmurugan, S., Vijayan, P. and Benelli, G. 2017, "Size-controlled biofabrication of silver nanoparticles using the *Merremia emarginata* leaf extract: Toxicity on *Anopheles stephensi, Aedes aegypti* and *Culex quinquefasciatus* (Diptera: Culicidae) and non-target mosquito predators", *Journal of Asia-Pacific Entomology,* vol. 20, no. 2, pp. 359-366. (**Impact factor -1.5)**

146. Azarudeen, R.M.S.T., **Govindarajan, M.,** Amsath, A., Muthukumaran, U. and Benelli, G. 2017, "Single-Step Biofabrication of Silver Nanocrystals Using *Naregamia alata*: A Cost Effective and Eco-Friendly Control Tool in the Fight Against Malaria, Zika Virus and St. Louis Encephalitis Mosquito Vectors", *Journal of Cluster Science,* vol. 28, no. 1, pp. 179-203. (**Impact factor -2.8)**

147. Balalakshmi, C., Gopinath, K., **Govindarajan, M.,** Lokesh, R., Arumugam, A., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Green synthesis of gold nanoparticles using a cheap *Sphaeranthus indicus* extract: Impact on plant cells and the aquatic crustacean *Artemia* nauplii", *Journal of Photochemistry and Photobiology B: Biology,* vol. 173, pp. 598-605. (**Impact factor -5.4)**

148. Banumathi, B., Vaseeharan, B., Chinnasamy, T., Vijayakumar, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "*Euphorbia rothiana*-Fabricated Ag Nanoparticles Showed High Toxicity on *Aedes aegypti* Larvae and Growth Inhibition on Microbial Pathogens: A Focus on Morphological Changes in Mosquitoes and Antibiofilm Potential Against Bacteria", *Journal of Cluster Science,* vol. 28, no. 5, pp. 2857-2872. (**Impact factor -2.8)**

149. Banumathi, B., Vaseeharan, B., Ishwarya, R., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against *Aedes aegypti* and microbial pathogens", *Parasitology research,* 116(6), 1637-1651. (**Impact factor -2)**

150. Banumathi, B., Vaseeharan, B., Suganya, P., Citarasu, T., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Toxicity of *Camellia sinensis*-Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages", *Journal of Cluster Science,* vol. 28, no. 4, pp. 2027-2040. (**Impact factor -2.8)**

151. Benelli, G., Chandramohan, B., Murugan, K., Madhiyazhagan, P., Kovendan, K., Panneerselvam, C., Dinesh, D., **Govindarajan, M.,** Higuchi, A., Toniolo, C., Canale, A. and Nicoletti, M. 2017, "Neem cake as a promising larvicide and adulticide against the rural malaria vector *Anopheles culicifacies* (Diptera: Culicidae): a HPTLC fingerprinting approach", *Natural Product Research,* vol. 31, no. 10, pp. 1185-1190. (**Impact factor - 2.2)**

152. Benelli, G. and **Govindarajan, M.** 2017, "Green-Synthesized Mosquito Oviposition Attractants and Ovicides: Towards a Nanoparticle-Based "Lure and Kill" Approach?", *Journal of Cluster Science,* vol. 28, no. 1, pp. 287-308. (**Impact factor -2.8)**

153. Benelli, G., **Govindarajan, M.,** Kadaikunnan, S. and Alharbi, N.S. 2017, "What Kind of Reducing Botanical? High Mosquitocidal Efficacy of a Silver Nanocomposite Synthesized Using a Leaf Aqueous Extract of Fumaria indica", *Journal of Cluster Science,* vol. 28, no. 1, pp. 637-643. (**Impact factor -2.8)**

154. Benelli, G., **Govindarajan, M.,** Rajeswary, M., Senthilmurugan, S., Vijayan, P., Alharbi, N.S., Kadaikunnan, S. and Khaled, J.M. 2017, "Larvicidal activity of *Blumea eriantha* essential oil and its components against six mosquito species, including Zika virus vectors: the promising potential of (4E,6Z)-allo-ocimene, carvotanacetone and dodecyl acetate", *Parasitology research,* 116(4), 1175-1188. (**Impact factor -2)**

155. Gopinath, K., Chinnadurai, M., Devi, N.P., Bhakyaraj, K., Kumaraguru, S., Baranisri, T., Sudha, A., Zeeshan, M., Arumugam, A., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S. and Benelli, G. 2017, "One-Pot Synthesis of Dysprosium Oxide Nano-Sheets: Antimicrobial Potential and Cyotoxicity on A549 Lung Cancer Cells", *Journal of Cluster Science,* vol. 28, no. 1, pp. 621-635. (**Impact factor -2.8)**

156. Gopinath, K., Devi, N.P., **Govindarajan, M.,** Bhakyaraj, K., Kumaraguru, S., Arumugam, A., Alharbi, N.S., Kadaikunnan, S. and Benelli, G. 2017, "One-Pot Green Synthesis of Silver Nanoparticles Using the Orchid Leaf Extracts *of Anoectochilus elatus*: Growth Inhibition Activity on Seven Microbial Pathogens", *Journal of Cluster Science,* vol. 28, no. 3, pp. 1541-1550. (**Impact factor -2.8)**

157. Govindarajan, M., AlQahtani, F.S., AlShebly, M.M. and Benelli, G. 2017, "One-pot and eco-friendly synthesis of silver nanocrystals using *Adiantum raddianum*: Toxicity against mosquito vectors of medical and veterinary importance", *Journal of Applied Biomedicine,* vol. 15, no. 2, pp. 87-95. (**Impact factor -1.3)**

158. Govindarajan, M. and Benelli, G. 2017, "A Facile One-Pot Synthesis of Eco-Friendly Nanoparticles Using *Carissa carandas*: Ovicidal and Larvicidal Potential on Malaria, Dengue and Filariasis Mosquito Vectors", *Journal of Cluster Science,* vol. 28, no. 1, pp. 15-36. (**Impact factor -2.8)**

159. Govindarajan, M., Kadaikunnan, S., Alharbi, N.S. and Benelli, G. 2017, "Single-step biological fabrication of colloidal silver nanoparticles using *Hugonia mystax*: larvicidal potential against Zika virus, dengue, and malaria vector mosquitoes", *Artificial Cells, Nanomedicine and Biotechnology,* vol. 45, no. 7, pp. 1317-1325. (**Impact factor -5.8)**

160. Ishwarya, R., Vaseeharan, B., Anuradha, R., Rekha, R., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Eco-friendly fabrication of Ag nanostructures using the seed extract of *Pedalium murex*, an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector *Aedes aegypti* and inhibition of biofilm-forming pathogenic bacteria", *Journal of Photochemistry and Photobiology B: Biology,* vol. 174, pp. 133-143. (**Impact factor -5.4)**

161. Iswarya, A., Vaseeharan, B., Anjugam, M., Ashokkumar, B., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Multipurpose efficacy of ZnO nanoparticles coated by the crustacean immune molecule β-1, 3-glucan binding protein: Toxicity on HepG2 liver cancer cells and bacterial pathogens", *Colloids and Surfaces B: Biointerfaces,* vol. 158, pp. 257-269. (**Impact factor -5.8)**

162. Jayanthi, S., Shanthi, S., Vaseeharan, B., Gopi, N., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an arthropod immune molecule", *Journal of Photochemistry and Photobiology B: Biology,* vol. 170, pp. 208-216. (**Impact factor - 6.814)**

163. Karthika, V., Arumugam, A., Gopinath, K., Kaleeswarran, P., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "*Guazuma ulmifolia* bark-synthesized Ag, Au and Ag/Au alloy nanoparticles: Photocatalytic potential, DNA/protein interactions, anticancer activity and toxicity against 14 species of microbial pathogens", *Journal of Photochemistry and Photobiology B: Biology,* vol. 167, pp. 189-199. (**Impact factor -5.4)**

164. Khaled, J.M., Alharbi, N.S., Kadaikunnan, S., Alobaidi, A.S., Al-Anbr, M.N., Gopinath, K., Aurmugam, A., **Govindarajan, M.** and Benelli, G. 2017, "Green Synthesis of Ag Nanoparticles with Anti-bacterial Activity Using the Leaf Extract of an African Medicinal Plant, *Ipomoea asarifolia* (Convolvulaceae)", *Journal of Cluster Science,* vol. 28, no. 5, pp. 3009-3019. (**Impact factor -2.8)**

165. Pavela, R. and **Govindarajan, M.** 2017, "The essential oil from *Zanthoxylum monophyllum* a potential mosquito larvicide with low toxicity to the non-target fish Gambusia affinis", *Journal of Pest Science,* vol. 90, no. 1, pp. 369-378. (**Impact factor -4.8)**

166. Suganya, P., Vaseeharan, B., Vijayakumar, S., Balan, B., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2017, "Biopolymer zein-coated gold nanoparticles: Synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector *Aedes aegypti*", *Journal of Photochemistry and Photobiology B: Biology,* vol. 173, pp. 404-411. (**Impact factor -5.4)**

167. Thameem Azarudeen, R.M.S., **Govindarajan, M.,** AlShebly, M.M., AlQahtani, F.S., Amsath, A. and Benelli, G. 2017, "One Pot Green Synthesis of Colloidal Silver Nanocrystals Using the *Ventilago maderaspatana* Leaf Extract: Acute Toxicity on Malaria, Zika Virus and Filariasis Mosquito Vectors", *Journal of Cluster Science,* vol. 28, no. 1, pp. 369-392. (**Impact factor -2.8)**

168. Vincent, S., Kovendan, K., Chandramohan, B., Kamalakannan, S., Kumar, P.M., Vasugi, C., Praseeja, C., Subramaniam, J., **Govindarajan, M.,** Murugan, K. and Benelli, G. 2017, "Swift Fabrication of Silver Nanoparticles Using *Bougainvillea glabra*: Potential Against the Japanese Encephalitis Vector, *Culex tritaeniorhynchus* Giles (Diptera: Culicidae)", *Journal of Cluster Science,* vol. 28, no. 1, pp. 37-58. (**Impact factor -2.8)**

169. Aarthi, C., **Govindarajan, M.,** Rajaraman, P., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Mothana, R.A., Siddiqui, N.A. and Benelli, G. 2018, "Eco-friendly and cost-effective Ag nanocrystals fabricated using the leaf extract of *Habenaria plantaginea*: toxicity on six mosquito vectors and four non-target species", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10317-10327. (**Impact factor -5.8)**

170. Abinaya, M., Vaseeharan, B., Divya, M., Sharmili, A., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2018, "Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors", *Journal of Trace Elements in Medicine and Biology,* vol. 45, pp. 93-103. (**Impact factor -3.5)**

171. Abinaya, M., Vaseeharan, B., Divya, M., Vijayakumar, S., **Govindarajan, M.,** Alharbi, N.S., Khaled, J.M., Al-anbr, M.N. and Benelli, G. 2018, "Structural characterization of *Bacillus licheniformis* Dahb1 exopolysaccharide—antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors", *Environmental Science and Pollution Research,* vol. 25, no. 19, pp. 18604-18619. **(Impact factor -5.8)**

172. Alharbi, N.S., **Govindarajan, M.,** Kadaikunnan, S., Khaled, J.M., Almanaa, T.N., Alyahya, S.A., Al-anbr, M.N., Gopinath, K. and Sudha, A. 2018, "Nanosilver crystals capped with *Bauhinia acuminata* phytochemicals as new antimicrobials and mosquito

larvicides", *Journal of Trace Elements in Medicine and Biology,* vol. 50, pp. 146-153. (**Impact factor -3.5)**

173. Alyahya, S.A., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Mothana, R.A., Al-anbr, M.N., Vaseeharan, B., Ishwarya, R., Yazhiniprabha, M. and Benelli, G. 2018, "Swift fabrication of Ag nanostructures using a colloidal solution of *Holostemma ada-kodien* (Apocynaceae) – Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs", *Journal of Photochemistry and Photobiology B: Biology,* vol. 181, pp. 70-79. (**Impact factor -5.4)**

174. Banumathi, B., Vaseeharan, B., Malaikozhundan, B., Ramasamy, P., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Canale, A. and Benelli, G. 2018, "Green larvicides against blowflies, *Lucilia sericata* (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary medicine and production of green-coated zinc oxide nanoparticles", *Physiological and Molecular Plant Pathology,* vol. 101, pp. 214-218.((**Impact factor -2.7)**

175. Benelli, G., **Govindarajan, M.,** AlSalhi, M.S., Devanesan, S. and Maggi, F. 2018, "High toxicity of camphene and γ-elemene from *Wedelia prostrata* essential oil against larvae of *Spodoptera litura* (Lepidoptera: Noctuidae)", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10383-10391. **(Impact factor -5.8)**

176. Benelli, G., **Govindarajan, M.,** Rajeswary, M., Vaseeharan, B., Alyahya, S.A., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Maggi, F. 2018, "Insecticidal activity of camphene, zerumbone and α-humulene from *Cheilocostus speciosus* rhizome essential oil against the Old-World bollworm, *Helicoverpa armigera*", *Ecotoxicology and environmental safety,* vol. 148, pp. 781-786. **(Impact factor -6.8)**

177. Benelli, G., **Govindarajan, M.,** Senthilmurugan, S., Vijayan, P., Kadaikunnan, S., Alharbi, N.S. and Khaled, J.M. 2018, "Fabrication of highly effective mosquito nanolarvicides using an Asian plant of ethno-pharmacological interest, Priyangu (*Aglaia elaeagnoidea*): toxicity on non-target mosquito natural enemies", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10283-10293. **(Impact factor -5.8)**

178. Benelli, G., Kadaikunnan, S., Alharbi, N.S. and **Govindarajan, M.** 2018, "Biophysical characterization of *Acacia caesia*-fabricated silver nanoparticles: effectiveness on mosquito vectors of public health relevance and impact on non-target aquatic biocontrol agents", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10228-10242. **(Impact factor -5.8)**

179. Benelli, G., Maggi, F., Pavela, R., Murugan, K., **Govindarajan, M.,** Vaseeharan, B., Petrelli, R., Cappellacci, L., Kumar, S., Hofer, A., Youssefi, M.R., Alarfaj, A.A., Hwang, J.-. and Higuchi, A. 2018, "Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10184-10206. **(Impact factor -5.8)**

180. Benelli, G., Rajeswary, M. and **Govindarajan, M.** 2018, "Towards green oviposition deterrents? Effectiveness of *Syzygium lanceolatum* (Myrtaceae) essential oil against six mosquito vectors and impact on four aquatic biological control agents", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10218-10227. **(Impact factor -5.8)**

181. Benelli, G., Rajeswary, M., Vijayan, P., Senthilmurugan, S., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and **Govindarajan, M.** 2018, "*Boswellia ovalifoliolata* (Burseraceae) essential oil as an eco-friendly larvicide? Toxicity against six mosquito vectors of public health importance, non-target mosquito fishes, backswimmers, and water bugs", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10264-10271. **(Impact factor -5.8)**

182. Divya, M., Vaseeharan, B., Abinaya, M., Vijayakumar, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2018, "Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity", *Journal of Photochemistry and Photobiology B: Biology,* vol. 178, pp. 211-218. (**Impact factor -5.4)**

183. Divya, M., Vaseeharan, B., Anjugam, M., Iswarya, A., Karthikeyan, S., Velusamy, P., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Vágvölgyi, C. 2018, "Phenoloxidase activation, antimicrobial, and antibiofilm properties of β-glucan binding protein from *Scylla serrata* crab hemolymph", *International journal of biological macromolecules,* vol. 114, pp. 864-873**(Impact factor – 8.2).**

184. Govindarajan, M., Rajeswary, M., Senthilmurugan, S., Vijayan, P., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2018, "Curzerene, trans-β-elemenone, and γ-elemene as effective larvicides against *Anopheles subpictus, Aedes albopictus*, and *Culex tritaeniorhynchus*: toxicity on non-target aquatic predators", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10272-10282. **(Impact factor -5.8)**

185. Govindarajan, M., Rajeswary, M., Senthilmurugan, S., Vijayan, P., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2018, "Larvicidal activity of the essential oil from *Amomum subulatum* Roxb. (Zingiberaceae) against *Anopheles subpictus, Aedes albopictus* and *Culex tritaeniorhynchus* (Diptera: Culicidae), and non-target impact on four mosquito natural enemies", *Physiological and Molecular Plant Pathology,* vol. 101, pp. 219-224. (**Impact factor -2.7)**

186. Govindarajan, M., Vaseeharan, B., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-anbr, M.N., Alyahya, S.A., Maggi, F. and Benelli, G. 2018, "High efficacy of (Z)-γ-bisabolene from the essential oil of *Galinsoga parviflora* (Asteraceae) as larvicide and oviposition deterrent against six mosquito vectors", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10555-10566. **(Impact factor -5.8)**

187. Ishwarya, R., Vaseeharan, B., Jayakumar, R., Ramasubramanian, V., **Govindarajan, M.,** Alharbi, N.S., Khaled, J.M., Al-anbr, M.N. and Benelli, G. 2018, "Bio-mining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab *Portunus pelagicus* (L.) (Decapoda: Portunidae)", *Aquaculture,* vol. 489, pp. 130-140. **(Impact factor -4.5)**

188. Ishwarya, R., Vaseeharan, B., Kalyani, S., Banumathi, B., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Al-anbr, M.N., Khaled, J.M. and Benelli, G. 2018, "Facile green synthesis of zinc oxide nanoparticles using *Ulva lactuca* seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity", *Journal of Photochemistry and Photobiology B: Biology,* vol. 178, pp. 249-258. (**Impact factor -5.4)**

189. Ishwarya, R., Vaseeharan, B., Subbaiah, S., Nazar, A.K., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Al-anbr, M.N. 2018, "*Sargassum wightii*-synthesized ZnO nanoparticles – from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp *Penaeus semisulcatus*", *Journal of Photochemistry and Photobiology B: Biology,* vol. 183, pp. 318-330. (**Impact factor - 6.814)**

190. Jayanthi, S., Vaseeharan, B., Ishwarya, R., Karthikeyan, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Vágvölgyi, C. 2018, "Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab *Portunus pelagicus* and its antibiofilm activity", *International journal of biological macromolecules,* vol. 113, pp. 996-1007. (**Impact factor -8.2)**

191. Karthika, V., Kaleeswarran, P., Gopinath, K., Arumugam, A., **Govindarajan, M.,** Alharbi, N.S., Khaled, J.M., Al-anbr, M.N. and Benelli, G. 2018, "Biocompatible properties of nano-drug carriers using TiO2-Au embedded on multiwall carbon nanotubes for targeted drug delivery", *Materials Science and Engineering C,* vol. 90, pp. 589-601. (**Impact factor -8.457)**

192. Khaled, J.M., Al-Mekhlafi, F.A., Mothana, R.A., Alharbi, N.S., Alzaharni, K.E., Sharafaddin, A.H., Kadaikunnan, S., Alobaidi, A.S., Bayaqoob, N.I., **Govindarajan, M.** and Benelli, G. 2018, "*Brevibacillus laterosporus* isolated from the digestive tract of honeybees has high antimicrobial activity and promotes growth and productivity of honeybee's colonies", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10447-10455. **(Impact factor -5.8)**

193. Khaled, J.M., Al-Mekhlafi, F.A., Mothana, R.A., Alharbi, N.S., Alzaharni, K.E., Sharafaddin, A.H., Kadaikunnan, S., Alobaidi, A.S., Bayaqoob, N.I., **Govindarajan, M.** and Benelli, G. 2018, "Correction to: *Brevibacillus laterosporus* isolated from the digestive tract of honeybees has high antimicrobial activity and promotes growth and productivity of honeybee's colonies. Environmental Science and Pollution Research, 25(24),24516. **(Impact factor -5.8)**

194. Khater, H.F., Ali, A.M., Abouelella, G.A., Marawan, M.A., **Govindarajan, M.,** Murugan, K., Abbas, R.Z., Vaz, N.P. and Benelli, G. 2018, "Toxicity and growth inhibition potential of vetiver, cinnamon, and lavender essential oils and their blends against larvae of the sheep blowfly, *Lucilia sericata*", *International journal of dermatology,* vol. 57, no. 4, pp. 449-457. **(Impact factor -3.6)**

195. Kovendan, K., Chandramohan, B., **Govindarajan, M.,** Jebanesan, A., Kamalakannan, S., Vincent, S. and Benelli, G. 2018, "Orchids as Sources of Novel Nanoinsecticides? Efficacy of *Bacillus sphaericus* and *Zeuxine gracilis*-Fabricated Silver Nanoparticles Against Dengue, Malaria and Filariasis Mosquito Vectors", *Journal of Cluster Science,* vol. 29, no. 2, pp. 345-357. (**Impact factor -2.8)**

196. Rajeswary, M., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Benelli, G. 2018, "*Zingiber cernuum* (Zingiberaceae) essential oil as effective larvicide and oviposition deterrent on six mosquito vectors, with little non-target toxicity on four aquatic mosquito predators", *Environmental Science and Pollution Research,* vol. 25, no. 11, pp. 10307-10316. **(Impact factor -5.8)**

197. Rekha, R., Vaseeharan, B., Ishwarya, R., Anjugam, M., S. Alharbi, N., Kadaikunnan, S., Khaled, J.M., Al-anbr, M.N. and **Govindarajan, M.** 2018, "Searching for crab-borne antimicrobial peptides: Crustin from *Portunus pelagicus* triggers biofilm inhibition and immune responses of *Artemia salina* against GFP tagged *Vibrio parahaemolyticus* Dahv2", *Molecular immunology,* vol. 101, pp. 396-408. **(Impact factor -3.6)**

198. Thamilarasan, V., Sethuraman, V., Gopinath, K., Balalakshmi, C., **Govindarajan, M.,** Mothana, R.A., Siddiqui, N.A., Khaled, J.M. and Benelli, G. 2018, "Single Step Fabrication of Chitosan Nanocrystals Using *Penaeus semisulcatus*: Potential as New Insecticides, Antimicrobials and Plant Growth Promoters", *Journal of Cluster Science,* vol. 29, no. 2, pp. 375-384. (**Impact factor -2.8)**

199. Thaya, R., Vaseeharan, B., Sivakamavalli, J., Iswarya, A., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Al-anbr, M.N., Khaled, J.M. and Benelli, G. 2018, "Synthesis of chitosan-alginate microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens", *Microbial pathogenesis,* vol. 114, pp. 17-24. (**Impact factor -3.8)**

200. Rekha, R., Vaseeharan, B., Vijayakumar, S., Abinaya, M., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Al-anbr, M.N. 2019, "Crustin-capped selenium nanowires against microbial pathogens and Japanese encephalitis mosquito vectors – Insights on their toxicity and internalization", *Journal of Trace Elements in Medicine and Biology,* vol. 51, pp. 191-203. Jan (**Impact factor – 3.5).**

201. Abinaya, M., Vaseeharan, B., Rekha, R., Shanthini, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Al-Anbr, M.N. 2019, "Microbial exopolymer-capped selenium nanowires – Towards new antibacterial, antibiofilm and arbovirus vector larvicides?", *Journal of Photochemistry and Photobiology B: Biology,* vol. 192, pp. 55-67. March (**Impact factor – 6.814).**

202. Al-Ansari, M., Alkubaisi, N., Gopinath, K., Karthika, V., Arumugam, A. and **Govindarajan, M.** 2019, "Facile and Cost-Effective Ag Nanoparticles Fabricated by *Lilium lancifolium* Leaf Extract: Antibacterial and Antibiofilm Potential", *Journal of Cluster Science,* vol. 30, no. 4, pp. 1081-1089. April (**Impact factor -2.8).**

203. Abinaya, M., Rekha, R., Sivakumar, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Alobaidi, A.S., Al-Anbr, M.N. and Vaseeharan, B. 2019, "Novel and Facile Synthesis of Sea Anemone Adhesive Protein-Coated ZnO Nanoparticles: Antioxidant, Antibiofilm, and Mosquito Larvicidal Activity Against *Aedes aegypti*", *Journal of Cluster Science,* vol. 30, no. 6, pp. 1393-1402. May (**Impact factor - 2.8)**

204. Ishwarya, R., Vaseeharan, B., Shanthini, S., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and Al-anbr, M.N. 2019, "Enhanced antibacterial activity of hemocyanin purified from *Portunus pelagicus* hemolymph combined with silver nanoparticles – Intracellular uptake and mode of action", *Journal of Trace Elements in Medicine and Biology,* vol. 54, pp. 8-20. July (**Impact factor – 3.5).**

205. Vinotha, V., Iswarya, A., Thaya, R., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-Anbr, M.N. and Vaseeharan, B. 2019, "Synthesis of ZnO nanoparticles using insulin-rich leaf extract: Anti-diabetic, antibiofilm and anti-oxidant properties", *Journal of Photochemistry and Photobiology B: Biology,* vol. 197. August (**Impact factor – 6.814).**

206. Gopi, N., Vijayakumar, S., Thaya, R., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-Anbr, M.N. and Vaseeharan, B. 2019, "Chronic exposure of *Oreochromis niloticus* to sub-lethal copper concentrations: Effects on growth, antioxidant, non-enzymatic antioxidant, oxidative stress and non-specific immune responses", *Journal of Trace Elements in Medicine and Biology,* vol. 55, pp. 170-179. September (**Impact factor – 3.5).**

207. Suganya, S., Ishwarya, R., Jayakumar, R., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-anbr, M.N. and Vaseeharan, B. 2019, "New insecticides and antimicrobials derived from *Sargassum wightii* and *Halimeda gracillis* seaweeds: Toxicity against mosquito vectors and antibiofilm activity against microbial pathogens", *South African Journal of Botany,* vol. 125, pp. 466-480. September (**Impact factor – 3.1)**

208. Rekha, R., Divya, M., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-Anbr, M.N., Pavela, R. and Vaseeharan, B. 2019, "Synthesis and characterization of crustin capped titanium dioxide nanoparticles: Photocatalytic, antibacterial, antifungal and insecticidal activities", *Journal of Photochemistry and Photobiology B: Biology,* vol. 199. October (**Impact factor – 6.814).**

209. Ishwarya, R., Jayakumar, R., Abinaya, M., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-Anbr, M.N. and Vaseeharan, B. 2019, "Facile synthesis of haemocyanin-capped zinc oxide nanoparticles: Effect on growth performance, digestive-enzyme activity, and immune responses of *Penaeus semisulcatus*", *International journal of biological macromolecules,* vol. 139, pp. 688-696. October (**Impact factor – 8.2**).

210. Sherly Carolyn, J., Selva Raj, D., Malaikozhundan, B., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Al-Anbr, M.N., Alobaidi, A.S. and Vaseeharan, B. 2019, "Anti-cancer, anti-biofilm, and anti-inflammatory properties of hen's albumen: A photodynamic approach", *Photodiagnosis and Photodynamic Therapy,* vol. 28, pp. 1-7. December (**Impact factor – 3.3).**

211. Kavitha, V., Anandhan, R., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Almanaa, T.N. and **Govindarajan, M.** 2020, "Impact of pesticide monocrotophos on microbial populations and histology of intestine in the Indian earthworm *Lampito mauritii* (Kinberg)", *Microbial pathogenesis,* vol. 139, 103893. February (**Impact factor – 3.8).**

212. Divya, M., Gopi, N., Iswarya, A., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Almanaa, T.N. and Vaseeharan, B. 2020, "β-glucan extracted from eukaryotic single-celled microorganism *Saccharomyces cerevisiae*: Dietary supplementation and enhanced ammonia stress tolerance on *Oreochromis mossambicus*", *Microbial pathogenesis,* vol. 139, 103917. February (**Impact factor – 3.8).**

213. Fahimmunisha, B.A., Ishwarya, R., AlSalhi, M.S., Devanesan, S., **Govindarajan, M.** and Vaseeharan, B. 2020, "Green fabrication, characterization and antibacterial potential of zinc oxide nanoparticles using *Aloe socotrina* leaf extract: A novel drug delivery approach", *Journal of Drug Delivery Science and Technology,* vol. 55. February (**Impact factor – 5).**

214. Divya, M., Karthikeyan, S., Ravi, C., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Almanaa, T.N. and Vaseeharan, B. 2020, "Isolation of β-glucan from *Eleusine coracana* and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities", *Microbial pathogenesis,* vol. 140, 103955. March (**Impact factor – 3.8).**

215. Divya, M., **Govindarajan, M.,** Karthikeyan, S., Preetham, E., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Almanaa, T.N. and Vaseeharan, B. 2020, "Antibiofilm and anticancer potential of β-glucan-binding protein-encrusted zinc oxide nanoparticles", *Microbial pathogenesis,* vol. 141, 103992.April (**Impact factor – 3.8).**

216. Sebastiammal, S., Lesly Fathima, A.S., Devanesan, S., AlSalhi, M.S., Henry, J., **Govindarajan, M.** and Vaseeharan, B. 2020, "Curcumin-encased hydroxyapatite nanoparticles as novel biomaterials for antimicrobial, antioxidant and anticancer applications: A perspective of nano-based drug delivery", *Journal of Drug Delivery Science and Technology,* vol. 57. June (**Impact factor – 5).**

217. Elakkiya, V.T., SureshKumar, P., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and **Govindarajan, M.** 2020, "Swift production of rhamnolipid biosurfactant, biopolymer and synthesis of biosurfactant-wrapped silver nanoparticles and its enhanced oil recovery", *Saudi Journal of Biological Sciences,* vol. 27, no. 7, pp. 1892-1899. July (**Impact factor – 4.4).**

218. Praveena, V., Venkatalakshmi, S., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. and **Govindarajan, M.** 2020, "Identification of a novel antibacterial protein from hemolymph of freshwater zooplankton *Mesocyclops leuckarti*", *Saudi Journal of Biological Sciences,* vol. 27, no. 9, pp. 2390-2397. September (**Impact factor – 4.4).**

219. Chandru, G., Pandiyan, J., Durga, V., **Govindarajan, M.,** Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Panneerselvam, C. and Krishnappa, K. 2020, "Seed dispersal by ungulates in the point calimere wildlife sanctuary: A scientific and perspective analysis", *Saudi Journal of Biological Sciences,* vol. 27, no. 10, pp. 2790-2797. October (**Impact factor – 4.4**)

220. Pandiyan, J., Mahboob, S., Jagadheesan, R., Elumalai, K., Krishnappa, K., Al-Misned, F., Ali Kaimkhani, Z. and **Govindarajan, M.** 2020, "A novel approach to assess the heavy metal content in the feathers of shorebirds: A perspective of environmental research", *Journal of King Saud University - Science,* vol. 32, no. 7, pp. 3065-3071. October (**Impact factor – 3.8).**

221. Elumalai, K., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Pandiyan, J., Baabu, P.M.K., Krishnappa, K. and **Govindarajan, M.** 2020, "Entomofaunal survey and larvicidal activity of greener silver nanoparticles: A perspective for novel eco-friendly mosquito control", *Saudi Journal of Biological Sciences,* vol. 27, no. 11, pp. 2917-2928. November (**Impact factor – 4.4).**

222. Karthika, V., AlSalhi, M.S., Devanesan, S., Gopinath, K., Arumugam, A. and **Govindarajan, M.** 2020, "Chitosan overlaid Fe_3O_4/rGO nanocomposite for targeted drug delivery, imaging, and biomedical applications", *Scientific Reports,* vol. 10, no. 1. November (**Impact factor – 4.6).**

223. Vijayakumar, T.S., Mahboob, S., Bupesh, G., Vasanth, S., Al-Ghanim, K.A., Al-Misned, F. and **Govindarajan, M.** 2020, "Facile synthesis and biophysical characterization of egg albumen-wrapped zinc oxide nanoparticles: A potential drug delivery vehicles for anticancer therapy", *Journal of Drug Delivery Science and Technology,* vol. 60. December (**Impact factor – 5).**

224. Manimegalai, S., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., **Govindarajan, M.,** Anbarasu, K. and Devi Rajeswari, V. 2020, "Down-regulation of hepatic G-6-Pase expression in hyperglycemic rats: Intervention with biogenic gold nanoconjugate", *Saudi Journal of Biological Sciences,* vol. 27, no. 12, pp. 3334-3341. December (**Impact factor – 4.4**).

225. Vinotha, V., Yazhiniprabha, M., Raj, D.S., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., **Govindarajan, M.** and Vaseeharan, B. 2020, "Biogenic synthesis of aromatic cardamom-wrapped zinc oxide nanoparticles and their potential antibacterial and mosquito larvicidal activity: An effective eco-friendly approach", *Journal of Environmental Chemical Engineering,* vol. 8, no. 6. December (**Impact factor – 7.7).**

226. Kiriyanthan, R.M., Sharmili, S.A., Balaji, R., Jayashree, S., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., **Govindarajan, M.** and Vaseeharan, B. 2020, "Photocatalytic, antiproliferative and antimicrobial properties of copper nanoparticles synthesized using *Manilkara zapota* leaf extract: A photodynamic approach", *Photodiagnosis and Photodynamic Therapy,* vol. 32. December (**Impact factor – 3.3**).

227. Umavathi, S., AlSalhi, M.S., Devanesan, S., Kadhiravan, S., Gopinath, K. and **Govindarajan, M.** 2020, "Synthesis and characterization of ZnO and Ca-ZnO nanoparticles for potential antibacterial activity and plant micronutrients", *Surfaces and Interfaces,* vol. 21. December (**Impact factor – 6.2).**

228. Pandiyan, J., Jagadheesan, R., Karthikeyan, G., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., Krishnappa, K., Elumalai, K. and **Govindarajan, M.** 2020, "Probing of heavy metals in the feathers of shorebirds of Central Asian Flyway wintering grounds", *Scientific Reports,* vol. 10, no. 1. December (**Impact factor – 4.6).**

229. AlSalhi, M.S., Elumalai, K., Devanesan, S., **Govindarajan, M.,** Krishnappa, K. and Maggi, F. 2020, "The aromatic ginger *Kaempferia galanga* L. (Zingiberaceae) essential oil and its main compounds are effective larvicidal agents against *Aedes vittatus* and *Anopheles maculatus* without toxicity on the non-target aquatic fauna", *Industrial Crops and Products,* vol. 158. December (**Impact factor – 5.9).**

230. Balalakshmi, C., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Alanzi, K.F., Gopinath, K., Arumugam, A. & **Govindarajan, M,** 2020. Development of chitosan/agar-silver nanoparticles-coated paper for antibacterial application. *Green Processing and Synthesis,* 9, 751-759. December (**Impact factor – 4.3**).

231. Gopal, L.C., Govindarajan, M., Kavipriya, M.R., Mahboob, S., Al-Ghanim, K.A., Virik, P., Ahmed, Z., Al-Mulhm, N., Senthilkumaran, V. & Shankar, V. 2021, "Optimization strategies for improved biogas production by recycling of waste through response surface methodology and artificial neural network: Sustainable energy perspective research", *Journal of King Saud University - Science*, vol. 33, no. 1. January (**Impact factor – 3.8).**

232. Vijayalakshmi, S., Govindarajan, M., Al-Mulahim, N., Ahmed, Z. & Mahboob, S. 2021, "Cellulase immobilized magnetic nanoparticles for green energy production from *Allamanda schottii* L: Sustainability research in waste recycling", *Saudi Journal of Biological Sciences*, vol. 28, no. 1, pp. 901-910. January (**Impact factor – 4.4).**

233. Baranitharan, M., Alarifi, S., Alkahtani, S., Ali, D., Elumalai, K., Pandiyan, J., Krishnappa, K., Rajeswary, M. & Govindarajan, M. 2021, "Phytochemical analysis and fabrication of silver nanoparticles using *Acacia catechu*: An efficacious and ecofriendly control tool against selected polyphagous insect pests", *Saudi Journal of Biological Sciences*, vol. 28, no. 1, pp. 148-156. January (**Impact factor – 4.4).**

234. Pandiyan, J., Mahboob, S., Govindarajan, M., Al-Ghanim, K.A., Ahmed, Z., Al-Mulhm, N., Jagadheesan, R. & Krishnappa, K. 2021, "An assessment of level of heavy metals pollution in the water, sediment and aquatic organisms: A perspective of tackling environmental threats for food security", *Saudi Journal of Biological Sciences*, vol. 28, no. 2, pp. 1218-1225. February (**Impact factor – 4.4).**

235. Umavathi, S., Mahboob, S., Govindarajan, M., Al-Ghanim, K.A., Ahmed, Z., Virik, P., Al-Mulhm, N., Subash, M., Gopinath, K. & Kavitha, C. 2021, "Green synthesis of ZnO nanoparticles for antimicrobial and vegetative growth applications: A novel approach for advancing efficient high quality health care to human wellbeing", *Saudi Journal of Biological Sciences*, vol. 28, no. 3, pp. 1808-1815. March (**Impact factor – 4.4**).

236. Shankar, V., Mahboob, S., Al-Ghanim, K.A., Ahmed, Z., Al-Mulhm, N. & Govindarajan, M. 2021, "A review on microbial degradation of drinks and infectious diseases: A perspective of human well-being and capabilities", *Journal of King Saud University - Science*, vol. 33, no. 2. March (**Impact factor – 3.8).**

237. Gayathri, R., Mahboob, S., Govindarajan, M., Al-Ghanim, K.A., Ahmed, Z., Al-Mulhm, N., Vodovnik, M. & Vijayalakshmi, S. 2021, "A review on biological carbon sequestration: A sustainable solution for a cleaner air environment, less pollution and lower health risks", *Journal of King Saud University - Science*, vol. 33, no. 2. March (**Impact factor – 3.8).**

238. Mahboob, S., Nivetha, R., Gopinath, K., Balalakshmi, C., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z. & Govindarajan, M. 2021, "Facile synthesis of gold and platinum doped titanium oxide nanoparticles for antibacterial and photocatalytic activity: A photodynamic approach", *Photodiagnosis and Photodynamic Therapy*, vol. 33. March (**Impact factor – 3.3).**

239. Esan, V., Mahboob, S., Al-Ghanim, K.A., Elanchezhiyan, C., Al-Misned, F., Ahmed, Z. & Govindarajan, M. 2021, "Novel Biogenic Synthesis of Silver Nanoparticles Using *Alstonia venenata* Leaf Extract: An Enhanced Mosquito Larvicidal Agent with Negligible Impact on Important Eco-biological Fish and Insects", *Journal of Cluster Science*, vol. 32, no. 2, pp. 489-497. May (**Impact factor -2.8)**

240. Venkatesh, S., Mahboob, S., Govindarajan, M., Al-Ghanim, K.A., Ahmed, Z., Al-Mulhm, N., Gayathri, R. & Vijayalakshmi, S. 2021, "Microbial degradation of plastics: Sustainable approach to tackling environmental threats facing big cities of the future", *Journal of King Saud University - Sci*ence, vol. 33, no. 3. May (**Impact factor – 3.8).**

241. Rekha, R., Mahboob, S., Ramya, A.K., Kerthekeyan, S., **Govindarajan, M.,** Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z. and Vaseeharan, B. 2021, "Synthesis and Bio-physical Characterization of Crustin Capped Zinc Oxide Nanoparticles, and Their Photocatalytic, Antibacterial, Antifungal and Antibiofilm Activity", *Journal of Cluster Science,* 32(4), 843-855. July (**Impact factor -2.8)**

242. Kesavan, S., Meena, K.S., Sharmili, S.A., Govindarajan, M., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Alobaidi, A.S., Alanzi, K.F. & Vaseeharan, B. 2021, "Ulvan loaded graphene oxide nanoparticle fabricated with chitosan and D-mannose for targeted anticancer drug delivery", *Journal of Drug Delivery Science and Technology*, vol. 65. October (**Impact factor – 5).**

243. Pandiyan, J., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., Karthikeyan, G., Gopinath, K. & Govindarajan, M. 2021, "Factors determine the population characteristics of migratory shorebirds and their prey species in the coastal saltpans", *Estuarine, Coastal and Shelf Science*, vol. 260. October (**Impact factor – 2.8).**

244. Rajeshkumar, S., Tharani, M., Rajeswari, V.D., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Gopinath, K., Vijayakumar, N. & Govindarajan, M. 2021, "Synthesis of greener silver nanoparticle-based chitosan nanocomposites and their potential antimicrobial activity against oral pathogens", *Green Processing and Synthesis*, vol. 10, no. 1, pp. 658-665. October (**Impact factor – 4.3**).

245. Ishwarya, R., Saravanan, K., Selvaraj, D., Govindarajan, M., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Sivakamavalli, J., Selvakumar, T. & Vaseeharan, B. 2021, "Antibacterial greener silver nanoparticles synthesized using *Marsilea quadrifolia* extract and their eco-friendly evaluation against Zika virus vector, *Aedes aegypti*", *Green Processing and Synthesis*, vol. 10, no. 1, pp. 742-755. November (**Impact factor – 4.3).**

246. Umavathi, S., Subash, M., Gopinath, K., Alarifi, S., Nicoletti, M. & Govindarajan, M. 2021, "Facile synthesis and characterization of ZnO nanoparticles using *Abutilon indicum* leaf extract: An eco-friendly nano-drug on human microbial pathogens", *Journal of Drug Delivery Science and Technology*, vol. 66. December (**Impact factor – 5).**

247. Yazhiniprabha, M., Gopi, N., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., Riaz, M.N., Sivakamavalli, J., **Govindarajan, M**. & Vaseeharan, B. 2022. The dietary supplementation of zinc oxide and selenium nanoparticles enhance the immune response in freshwater fish *Oreochromis mossambicus* against aquatic pathogen *Aeromonas hydrophila*. *Journal of Trace Elements in Medicine and Biology.* 69. 126878. January (**Impact factor – 3.5).**

248. Elumalai, K., Krishnappa, K., Pandiyan, J., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Barnard, D.R., Vijayakumar, N. & **Govindarajan, M.** 2022, "Characterization of secondary metabolites from Lamiaceae plant leaf essential oil: A novel perspective to

combat medical and agricultural pests", *Physiological and Molecular Plant Pathology*, vol. 117. January (**Impact factor – 2.7**).

249. Iswarya, A., Anjugam, M., Gopi, N., Shanthi, S., **Govindarajan, M**., Alharbi, N.S., Kadaikunnan, S., Alharbi, M.S., Sivakamavalli, J. & Vaseeharan, B. 2022, "β-1,3-Glucan binding protein-based silver nanoparticles enhance the wound healing potential and disease resistance in *Oreochromis mossambicus* against *Aeromonas hydrophilla*", *Microbial pathogenesis*, vol. 162, 105360. January (**Impact factor – 3.8).**

250. Kartha, B., Thanikachalam, K., Vijayakumar, N., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Gopinath, K. & **Govindarajan, M**. 2022, "Synthesis and characterization of Ce-doped TiO_2 nanoparticles and their enhanced anticancer activity in Y79 retinoblastoma cancer cells", *Green Processing and Synthesis*, vol. 11, no. 1, pp. 143-149. February (**Impact factor – 4.3**).

251. Pandiyan, J., Zachariah, A., Chandramohan, B., Mahboob, S., Al-Ghanim, K.A., Nicoletti, M., Zaib-Un-Nisa & **Govindarajan, M**. 2022, "DNA barcoding of waterbirds: A novel technique in environmental conservation biology", *Journal of King Saud University - Science*, vol. 34, no. 2. February (**Impact factor – 3.8).**

252. Anjugam, M., Iswarya, A., Sibiya, A., Selvaraj, C., Singh, S.K., **Govindarajan, M**., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Sivakamavalli, J. & Vaseeharan, B. 2022, "Molecular interaction analysis of β-1, 3 glucan binding protein with Bacillus licheniformis and evaluation of its immunostimulant property in *Oreochromis mossambicus*", *Fish and Shellfish Immunology*, vol. 121, pp. 183-196. February (**Impact factor – 4.7**).

253. Punitha, S., Krishnamurthy, R., Elumalai, K., Mahboob, S., Al-Ghanim, K.A., Ahmed, Z., Mustafa, A. & **Govindarajan, M**. 2022, "Changes in the contour of karyology and histoarchitecture of the primary respiratory organ in the fish *Oreochromis mossambicus* (Peters, 1852) inhabiting the polluted estuarine ecosystem", *Environmental Pollution*, vol. 295. February (**Impact factor – 8.9).**

254. Duraisamy, S., Vijayakumar, N., Rajendran, J., Venkatesan, A., Kartha, B., Kandasamy, S.P., Nicoletti, M., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. & **Govindarajan, M**. 2022, "Facile synthesis of silver nanoparticles using the *Simarouba glauca* leaf extract and their impact on biological outcomes: A novel perspective for nano-drug development", *Journal of Drug Delivery Science and Technology*, vol. 69. March (**Impact factor – 5).**

255. Vijayakumar, N., Bhuvaneshwari, V.K., Ayyadurai, G.K., Jayaprakash, R., Gopinath, K., Nicoletti, M., Alarifi, S. & **Govindarajan, M.** 2022, "Green synthesis of zinc oxide nanoparticles using *Anoectochilus elatus*, and their biomedical applications", *Saudi Journal of Biological Sciences*, vol. 29, no. 4, pp. 2270-2279. April (**Impact factor – 4.4**).

256. Manimegalai, S., Rajeswari, V.D., Parameswari, R., Nicoletti, M., Alarifi, S. & **Govindarajan, M**. 2022, "Green synthesis, characterization and biological activity of *Solanum trilobatum*-mediated silver nanoparticles", *Saudi Journal of Biological Sciences*, vol. 29, no. 4, pp. 2131-2137. April (**Impact factor – 4.4).**

257. Mariappan Yazhiniprabha, Sasikumar Banu, Ramachandran Ishwarya, Viswanathan Vinotha, Marimuthu Govindarajan, Mohammad Ahmad Wadaan, Shahid Mahboob, Marcello Nicoletti, Baskaralingam Vaseeharan, 2022. Biomimetically synthesized *Physalis minima* fruit extract-based zinc oxide nanoparticles as eco-friendly biomaterials for biological applications. *Journal of Drug Delivery Science and Technology*, 73, 103476. May (**Impact factor – 5).**

258. Kumaraguru, S., Nivetha, R., Gopinath, K., Sundaravadivel, E., Almutairi, B.O., Almutairi, M.H., Mahboob, S., Kavipriya, M.R., Nicoletti, M. & **Govindarajan, M.** 2022, "Synthesis of Cu-MOF/CeO_2 nanocomposite and their evaluation of hydrogen production and cytotoxic activity", *Journal of Materials Research and Technology*, vol. 18, pp. 1732-1745. June (**Impact factor – 6.4).**

259. Jeyavani, J., Sibiya, A., Bhavaniramya, S., Mahboob, S., Al-Ghanim, K.A., Nisa, Z.-., Riaz, M.N., Nicoletti, M., **Govindarajan, M.** & Vaseeharan, B. 2022, "Toxicity evaluation of polypropylene microplastic on marine microcrustacean *Artemia salina*: An analysis of implications and vulnerability", *Chemosphere*, vol. 296. June (**Impact factor – 8.8**).

260. Sebastiammal, S., Lesly Fathima, A.S., Alarifi, S., Mahboob, S., Henry, J., Kavipriya, M.R., **Govindarajan, M**., Nicoletti, M. & Vaseeharan, B, 2022. Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications. *Environmental research*, 210, 112979. July (**Impact factor – 8.3).**

261. Sebastiammal, S., Lesly Fathima, A.S., Alarifi, S., Mahboob, S., Henry, J., Kavipriya, M.R., Govindarajan, M., Nicoletti, M. & Vaseeharan, B. 2022, "Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications", *Environmental research*, vol. 210. July (**Impact factor – 8.3).**

262. Ishwarya, R., Jayakumar, R., Govindan, T., **Govindarajan, M**., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Nicoletti, M. & Vaseeharan, B. 2022, "Swift synthesis of zinc oxide nanoparticles using unripe fruit extract of *Pergularia daemia*: An enhanced and eco-friendly control agent against Zika virus vector *Aedes aegypti*", *Acta Tropica*, vol. 232. August (**Impact factor – 2.7).**

263. Elumalai, K., Kavipriya, M.R., Lakshmi Prabha, A., Krishnappa, K., Pandiyan, J., Nicoletti, M., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M. & **Govindarajan, M,** 2022. Green synthesis of silver noparticles using *Atalantia monophylla*: A potential eco-friendly agent for controlling blood-sucking vectors. *Green Processing and Synthesis*. 11(1) pp. 915-930. September (**Impact factor – 4.3**).

264. Jayakodi, S., Shanmugam, R., Almutairi, B.O., Almutairi, M.H., Mahboob, S., Kavipriya, M.R., Gandusekar, R., Nicoletti, M. & **Govindarajan, M**. 2022, "*Azadirachta indica*-wrapped copper oxide nanoparticles as a novel functional material in cardiomyocyte cells: An ecotoxicity assessment on the embryonic development of *Danio rerio*", *Environmental research*, vol. 212. September (**Impact factor – 8.3).**

265. Sibiya, A., Gopi, N., Jeyavani, J., Mahboob, S., Al-Ghanim, K.A., Sultana, S., Mustafa, A., **Govindarajan, M.** & Vaseeharan, B, 2022. Comparative toxicity of silver nanoparticles and silver nitrate in freshwater fish *Oreochromis mossambicus*: A multi-biomarker approach. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, 259, 109391. September (**Impact factor – 3.9).**

266. Ishwarya, R., Jeyavani, J., Jayakumar, R., Alarifi, S., **Govindarajan, M.**, Nicoletti, M. & Vaseeharan, B, 2022. *Citrullus lanatus*-encased zinc oxide nanoparticles as potential anti-diabetic, anti-inflammatory and antibacterial agents: A new strategy towards biocompatible nano-drugs. *Journal of the Indian Chemical Society*, 99(10), 100703. October (**Impact factor – 1.3).**

267. Pandiyan, J., Poiyamozhi, A., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., Manzoor, I. & **Govindarajan, M**, 2022. Assessment of the Toxic Effects of Heavy Metals

n Waterbirds and Their Prey Species in Freshwater Habitats. *Toxics*, 10(11). October **(Impact factor - 4.6)**.

268. Nivetha, K., Vinotha, V., Albeshr, M.F., Mahboob, S., Manzoor, I., **Govindarajan, M**. & Vaseeharan, B, 2022. "Synthesis and characterization of *Vitis vinifera* exocarp-mediated ZnO nanoparticles: An evaluation of biological potential and ecotoxicity. *Journal of Drug Delivery Science and Technology,* 77, 103846. November (**Impact factor – 5).**

269. Nazneen, S., Jayakumar, S., Albeshr, M.F., Mahboob, S., Manzoor, I., Pandiyan, J., Krishnappa, K., Rajeswary, M. & **Govindarajan, M**, 2022. Analysis of Toxic Heavy Metals in the Pellets of Owls: A Novel Approach for the Evaluation of Environmental Pollutants. *Toxics*, 10(11). November (**Impact factor - 4.6**).

270. Abinaya, M., Gnanaprakasam, P., **Govindarajan, M**., Wadaan, M.A., Mahboob, S., Wadaan, A.M., Manzoor, I. & Vaseeharan, B, 2022. Antibacterial and Antibiofilm Potential of Microbial Polysaccharide Overlaid Zinc Oxide Nanoparticles and Selenium Nanowire. *Fermentation*, 8(11). November (**Impact factor - 3.7**).

271. Jeyavani, J., Sibiya, A., Gopi, N., Mahboob, S., Al-Ghanim, K.A., Al-Misned, F., Ahmed, Z., Riaz, M.N., Palaniappan, B., Govindarajan, M. & Vaseeharan, B. 2023, "Ingestion and impacts of water-borne polypropylene microplastics on Daphnia similis", *Environmental Science and Pollution Research,* vol. 30, no. 5, pp. 13483-13494. January **(Impact factor -5.8)**

272. Nabil, M., Khater, H.F., Selim, A., Baz, M.M., Govindarajan, M., Taie, H.A.A. & Negm, S. 2023, "Acaricidal efficacy of silver nanoformulations of *Commiphora molmol* and *Zingiber officinale* against the camel Tick, *Hyalomma dromedarii* (Ixodida: Ixodidae)", *Inorganic Chemistry Communications,* vol. 147. January (**Impact factor – 3.8**).

273. Ishwarya, R., Tamilmani, G., Jayakumar, R., Albeshr, M.F., Mahboob, S., Shahid, D., Riaz, M.N., Govindarajan, M. & Vaseeharan, B. 2023, "Synthesis of zinc oxide nanoparticles using Vigna mungo seed husk extract: An enhanced antibacterial, anticancer activity and eco-friendly bio-toxicity assessment on algae and zooplankton", *Journal of Drug Delivery Science and Technology,* vol. 79. January (**Impact factor – 5**).

274. Thanakkasaranee, S., Kasi, G., Kadhiravan, S., Arumugam, A., Al-Ghanim, K.A., Riaz, M.N. & Govindarajan, M. 2023, "Synthesis of Tungsten Oxide Nanoflakes and Their Antibacterial and Photocatalytic Properties", *Fermentation,* vol. 9, no. 1. January (**Impact factor - 3.7).**

275. Harika, T.L., Al-Ghanim, K.A., Riaz, M.N., Krishnappa, K., Pandiyan, J. & Govindarajan, M. 2023, "Fishing Cat Scats as a Biomonitoring Tool for Toxic Heavy Metal Contamination in Aquatic Ecosystems", *Toxics,* vol. 11, no. 2. February (**Impact factor - 4.6**)

276. Iyyappan, J., Pravin, R., Al-Ghanim, K.A., Govindarajan, M., Nicoletti, M. & Baskar, G. 2023, "Dual strategy for bioconversion of elephant grass biomass into fermentable sugars using *Trichoderma reesei* towards bioethanol production", *Bioresource technology,* vol. 374. February (**Impact factor – 11.4**).

277. Rajeshkumar, S., Parameswari, R.P., Sandhiya, D., Al-Ghanim, K.A., Nicoletti, M. & Govindarajan, M. 2023, "Green Synthesis, Characterization and Bioactivity of *Mangifera indica* Seed-Wrapped Zinc Oxide Nanoparticles", *Molecules,* vol. 28, no. 6. March (**Impact factor - 4.6).**

278. Jeyavani, J., Sibiya, A., Stalin, T., Vigneshkumar, G., Al-Ghanim, K.A., Riaz, M.N., Govindarajan, M. & Vaseeharan, B. 2023, "Biochemical, Genotoxic and Histological Implications of Polypropylene Microplastics on Freshwater Fish *Oreochromis mossambicus*: An Aquatic Eco-Toxicological Assessment", *Toxics,* vol. 11, no. 3. March (**Impact factor - 4.6)**

279. Abinaya, M., Shanthi, S., Palmy, J., Al-Ghanim, K.A., Govindarajan, M. & Vaseeharan, B. 2023, "Exopolysaccharides-Mediated ZnO Nanoparticles for the Treatment of Aquatic Diseases in Freshwater Fish *Oreochromis mossambicus*", *Toxics,* vol. 11, no. 4. March (**Impact factor - 4.6**).

280. Al-Ghanim, K.A., Krishnappa, K., Pandiyan, J., Nicoletti, M., Gurunathan, B. & Govindarajan, M. 2023, "Insecticidal Potential of *Matricaria chamomilla*'s Essential Oil and Its Components (E)-β-Farnesene, Germacrene D, and α-Bisabolol Oxide A against Agricultural Pests, Malaria, and Zika Virus Vectors", *Agriculture (Switzerland),* vol. 13, no. 4. March (**Impact factor - 3.6).**

281. Ramasubbu, K., Padmanabhan, S., Al-Ghanim, K.A., Nicoletti, M., Govindarajan, M., Sachivkina, N. & Rajeswari, V.D. 2023, "Green Synthesis of Copper Oxide Nanoparticles Using *Sesbania grandiflora* Leaf Extract and Their Evaluation of Anti-Diabetic, Cytotoxic, Anti-Microbial, and Anti-Inflammatory Properties in an In-Vitro Approach", *Fermentation,* vol. 9, no. 4. March (**Impact factor - 3.7**).

282. Ravichandran, P., Rajendran, N., Al-Ghanim, K.A., Govindarajan, M. & Gurunathan, B. 2023, "Investigations on evaluation of marine macroalgae *Dictyota bartayresiana* oil for industrial scale production of biodiesel through technoeconomic analysis", *Bioresource technology,* vol. 374. April (**Impact factor – 11.4**).

283. Gengiah, K., Rajendran, N., Al-Ghanim, K.A., Govindarajan, M. & Gurunathan, B. 2023, "Process and technoeconomic analysis of bioethanol production from residual biomass of marine macroalgae *Ulva lactuca*", *Science of the Total Environment,* vol. 868. April (**Impact factor – 9.8).**

284. Shanmugam, R., Munusamy, T., Jayakodi, S., Al-Ghanim, K.A., Nicoletti, M., Sachivkina, N. & Govindarajan, M. 2023, "Probiotic-Bacteria (*Lactobacillus fermentum*)-Wrapped Zinc Oxide Nanoparticles: Biosynthesis, Characterization, and Antibacterial Activity", *Fermentation,* vol. 9, no. 5. April (**Impact factor - 3.7**).

285. Tharani, M., Rajeshkumar, S., Al-Ghanim, K.A., Nicoletti, M., Sachivkina, N. & Govindarajan, M. 2023, "*Terminalia chebula*-Assisted Silver Nanoparticles: Biological Potential, Synthesis, Characterization, and Ecotoxicity", *Biomedicines,* vol. 11, no. 5. May (**Impact factor - 4.7).**

286. Mani, M., Sundararaj, A.S., Al-Ghanim, K.A., John, S.P., Elumalai, K., Nicoletti, M. & Govindarajan, M. 2023, "Rapid synthesis of copper nanoparticles using *Nepeta cataria* leaves: An eco-friendly management of disease-causing vectors and bacterial pathogens", *Green Processing and Synthesis,* vol. 12, no. 1. May (**Impact factor – 4.3).**

287. Chinnaperumal Kamaraj, Rajappan Chandra Satish Kumar, Khalid A. Al-Ghanim, Marcello Nicoletti, V. Sathiyamoorthy, Sabarathinam Sarvesh, Chinnasamy Ragavendran and Marimuthu Govindarajan, 2023. Novel Essential Oils Blend as a Repellent and Toxic Agent against Disease-Transmitting Mosquitoes. *Toxics*, 11(6), 517. June (**Impact factor - 4.6)**

288. Khriebu Bizo Pelesinuo, Govindharajan Sattanathan, Nazrul Haque, Khalid A. Al-Ghanim, Marcello Nicoletti, Nadezhda Sachivkina and Marimuthu Govindarajan, 2023. Synthesis and Characterization of Mithun (*Bos frontalis*) Urine-Based Antibacterial Copper Oxide Nanoparticles. *Biomedicines*, 11, 1690. June. (**Impact factor - 4.7).**

289. Ishwarya, R., Tamilmani, G., Al-Ghanim, K.A., Govindarajan, M., Nicoletti, M. and Vaseeharan, B., 2023. Biosynthesis of zinc oxide nanoparticles from molted feathers of Pavo cristatus and their antibiofilm and anticancer activities. *Green Processing and Synthesis*, *12*(1), p.20230090. (**Impact factor - 4.3).**

290. Sibiya, A., Al-Ghanim, K.A., Govindarajan, M., Nicoletti, M., Sachivkina, N. and Vaseeharan, B., 2023. Biochemical Patterns and Genotoxicity of the Endocrine Disruptor Metformin in the Freshwater Fish Labeo rohita. *Fishes*, *8*(7), p.380. (**Impact factor – 2.3).**

291. Vinotha, T., Umamaheswari, N., Pandiyan, J., Al-Ghanim, K.A., Nicoletti, M. and Govindarajan, M., 2023. Biofuel Production from Mango and Orange Peel and Tapioca Shells by Fermentation Using Consortium of Bacteria: Agricultural and Food Waste Valorization. *Fermentation*, *9*(7), p.678. (**Impact factor – 3.7).**

292. Balaji, T., Manushankar, C.M., Al-Ghanim, K.A., Kamaraj, C., Thirumurugan, D., Thanigaivel, S., Nicoletti, M., Sachivkina, N. and Govindarajan, M., 2023. Padina boergesenii-Mediated Copper Oxide Nanoparticles Synthesis, with Their Antibacterial and Anticancer Potential. *Biomedicines*, *11*(8), p.2285. (**Impact factor – 4.7).**

293. Sivarathnakumar, S., Al-Ghanim, K.A., Nicoletti, M., Govindarajan, M. and Gurunathan, B., 2023. Comparative Analysis of Cellulosic Ethanol Production from Lignocellulosic Substrate Moringa oleifera Using Kluyveromyces marxianus and Zymomonas mobilis. *Fermentation*, *9*(9), p.840. (**Impact factor – 3.7).**

294. Gopinath, K., Gnanasekar, S., Al-Ghanim, K.A., Nicoletti, M., Govindarajan, M., Arumugam, A., Balalakshmi, C. and Thanakkasaranee, S., 2023. Fabrication of neodymium (Nd), cadmium (Cd) and Nd: Cd doped hybrid copper oxide nanocomposites: evaluation of their antibacterial activity and cytotoxicity against human L132 cell line. *Ceramics International*, *49*(18), pp.29933-29947. (**Impact factor – 5.2).**

295. Sibiya, A., Jeyavani, J., Saravanan, M., Albeshr, M.F., Nicoletti, M., Govindarajan, M. and Vaseeharan, B., 2023. Response of hepatic biochemical parameters and neurotoxicity to carbamazepine and ibuprofen in Oreochromis mossambicus. *Fish Physiology and Biochemistry*, pp.1-13. (**Impact factor – 2.9).**

296. Vasumathi, D., Senguttuvan, S., Pandiyan, J., Elumalai, K., Govindarajan, M., Subasri, K.S. and Krishnappa, K., 2023. Bioactive molecules derived from Scoparia dulcis medicinal flora: Act as a powerful bio-weapon against agronomic pests and eco-friendlier tool on non-target species. *South African Journal of Botany*, *162*, pp.211-219. (**Impact factor – 3.1).**

297. Kamaraj, C., Naveenkumar, S., Prem, P., Ragavendran, C., Subramaniyan, V., Al-Ghanim, K.A., Malafaia, G., Nicoletti, M. and Govindarajan, M., 2023. Green synthesis and biophysical characterization of silver and palladium nanoparticles using Laureliopsis philippiana: a potent eco-friendly larvicide with negligible impact on zebrafish (Danio rerio). *Journal of Asia-Pacific Entomology*, p.102164. (**Impact factor – 1.5).**

298. Thiyagarajulu, N., Deepak, P., Kamaraj, C., Al-Ghanim, K.A., Lakshminarayanan, A., Nicoletti, M., Arumugam, S. and Govindarajan, M., 2023. Synthesis and characterization of reduced graphene oxide nanosheets using Saraca indica leaves and their antioxidant, antibacterial, and anticancer applications. *Biomass Conversion and Biorefinery*, pp.1-15. (**Impact factor – 4.0).**

299. Pandiyan J, Arumugam R, Al-Ghanim KA, Sachivkina N, Nicoletti M, Govindarajan M. Heavy Metals in Wetland Ecosystem: Investigating Metal Contamination in Waterbirds via Primary Feathers and Its Effect on Population and Diversity. *Soil Systems*. 2023; 7(4):104. (**Impact factor – 3.5). ISSN: 2571-8789**

Book Publication
Text books - INTERNATIONAL Publishers with peer reviewed

S. No.	Authors	Title	Publisher	ISBN No.	Year
1	**M.Govindarajan**	Mosquitocidal properties of *Caesalpinia pulcherrima* (Family: Fabaceae)	Lap LAMBERT Academic publishing, Trademark of OmniScriptum GmbH & Co. KG, Germany.	978-3-659-36039-8	2013
2	A.Amsath **M.Govindarajan**	Apiculture	Lap LAMBERT Academic publishing, Trademark of OmniScriptum GmbH & Co. KG, Germany.	978-3-659-32309-6	2013
3	Hanem Khater **M.Govindarajan** Giovanni Benelli	Natural remedies in the fight against parasites	IntechOpen Limited, London, United Kingdom	978-953-51-3289-9	2017
4	**M.Govindarajan**	Green synthesized silver nanoparticles in the fight against mosquitoes	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-3-330-03713-7	2018
5	**M.Govindarajan**	Plant extracts to control the Zika virus mosquito vector	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-613-9-91126-4	2018
6	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56544-8	2020

7	S.Umavathi K.Gopinath **M.Govindarajan**	Plant Mutagenesis	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-66744-9	2020
8	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-67343-3	2020
9	K.Krishnappa J.Pandian **M.Govindarajan**	Agricultural Pest Management	Lap LAMBERT Academic publishing, Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-67180-4	2020
10	M.Moorthi M.Govindarajan	Vermitechnology -Earthworm Biology and Vermitechnology	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, Chisinau-2068, Republic of Moldova, Europe.	978-620-3-93098-6	2021
11	M.Moorthi M.Govindarajan	Practical Zoology-Ecology, Evolution, Embryology, Animal Physiology and Biochemistry	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, Chisinau-2068, Republic of Moldova, Europe.	978-620-5-49810-1	2022

12	Dr.R.Thameem Azarudeen Dr.M.Govindarajan Dr.A.Amsath	Nanoparticles to fight Mosquitoes	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-78315-2	2023
13	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Clinical Insights and Surveys	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-78491-3	2023
14	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	An Introduction to Environmental Studies	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-78801-0	2023
15	Dr.M.Govindarajan	Tackling Communicable Diseases	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-84338-2	2023
16	K.Elakkiya Dr.M.Govindarajan	Nano Warriors Against Mosquitoes	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High	978-620-6-84366-5	2023

			Road, East Finchley, London, United Kingdom.		
17	Dr.M.Govindarajan	Mosquito-Borne Diseases and Public Health Strategies	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-84387-0	2023
18	Dr.M.Govindarajan	Non-Communicable Diseases: A Global Perspective	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-84465-5	2023
19	Dr.M.Govindarajan	Basic Concepts of Epidemiology	Lap LAMBERT Academic publishing, Trademark of Dodo Books Indian Ocean Ltd. And OmniScriptum S.R.L.Publishing group, 120 High Road, East Finchley, London, United Kingdom.	978-620-6-84521-8	2023

Book published in Other languages

S. No.	Authors	Title	Publisher	ISBN No.	Year
1	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Dutch language-Groenere Nanomaterialen)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56624-7	**2020**

2	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (French language- Des nanomatériaux plus verts)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56621-6	**2020**
3	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (German language- Umweltfreundlichere Nanomaterialien)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56619-3	**2020**
4	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Italian language- Nanomateriali più erdi)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56623-0	**2020**
5	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Polish language- Zielone Nanomateriały)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56627-8	**2020**
6	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Portuguese language- Nanomateriais mais ecológicos)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56631-5	**2020**
7	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Russian language- Более эеленые наноматериалы)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau	978-620-2-56634-6	**2020**

			Bassin 71504, Mauritius.		
8	Kasi Gopinath **M.Govindarajan** S.Umavathi	Greener Nanomaterials (Spanish language- Nanomateriales más verdes)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-56620-9	**2020**
9	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (German language – ELEKTROKATALYSATOREN FÜR FORTSCHRITTLICHE ENERGIE)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85146-6	**2020**
10	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (Hungarian language – ELECTROCATALIZADORES PARA ENERGÍA AVANZADA	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85147-3	**2020**
11	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (French language – DES ÉLECTROCATALYSEURS POUR L'ÉNERGIE DE POINTE	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85148-0	**2020**
12	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (Italian language – ELETTROCATALIZZATORI PER L'ENERGIA AVANZATA	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85149-7	**2020**
13	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (Dutch language – ELEKTROKATALYSATOREN VOOR	Sciencia Scripts Trademark of International Book Market Service Ltd., member of	978-620-2-85150-3	**2020**

		GEAVANCEERDE ENERGIE	OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.		
14	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (Polish language – ELEKTROKATALIZATORY DLA ZAAWANSOWANEJ ENERGII	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85151-0	**2020**
15	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Advanced energy (Portuguese- language – ELETROCATALISADORES PARA ENERGIA AVANÇADA	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-85152-7	**2020**
16	R.Nivetha K.Gopinath **M.Govindarajan**	Electrocatalysts for Modern Energy Industry (Russian- language – ЭЛЕКТРОКАТАЛИЗАТОРЫ ДЛЯ СОВРЕМЕННОЙ ЭНЕРГЕТИКИ	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius	978-620-2-85153-4	**2020**
17	K.Krishnappa J.Pandian **M.Govindarajan**	Agricultural Pest Control (German language – Landwirtschaftliche Schädlingsbekämpfung	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-60266-2	**2020**
18	K.Krishnappa J.Pandian **M.Govindarajan**	Agricultural Pest Management (Spanish language – Gestion de plagas agrícolas)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-60267-9	**2020**

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21	K.Krishnappa J.Pandian **M.Govindarajan**	Pest Control in Agriculture (Dutch language – Ongediertebestrijding in de landbouw)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-60270-9	**2020**
22	K.Krishnappa J.Pandian **M.Govindarajan**	Pest Management in Agriculture (Polish language – Zarzadzanie szkodnikami w rolnictwie)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-60271-6	**2020**
23	K.Krishnappa J.Pandian **M.Govindarajan**	Agricultural Pest Management (Portuguese language – Gestao das pragas agricolas)	Sciencia Scripts Trademark of International Book Market Service Ltd., member of OmniScriptum Publishing group, Beau Bassin 71504, Mauritius.	978-620-2-60272-3	**2020**
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		ВРЕДИТЕЛЕЙ)	Publishing group, Beau Bassin 71504, Mauritius.		
25	M.Moorthi M.Govindarajan	Vermitechnology -Earthworm Biology and techniques (German- VERMITECHNOLOGY Regenwurmbiologie und Vermitungstechniken)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93696-4	**2021**
26	M.Moorthi M.Govindarajan	Vermitechnology -Earthworm Biology and Vermitechnology (Spanish- VERMITECNOLOGÍA Biología de la lombriz de tierra y vermitismo)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93697-1	**2021**
27	M.Moorthi M.Govindarajan	Vermitechnology -Earthworm Biology and Vermitechnology (French- VERMITECHNOLOGIE Biologie des vers de terre et techniques de vermifugation)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93698-8	**2021**
28	M.Moorthi M.Govindarajan	Vermitechnology -Earthworm Biology and technology (Italian- VERMITECHNOLOGY Biologia dei lombrichi e tecniche di verminazione)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93699-5	**2021**
29	M.Moorthi M.Govindarajan	Vermitechnology - Biology of Earthworm and Vermitechniques (Portuguese- VERMITECHNOLOGY Biologia das Minhocas e Vermitechniques)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93700-8	**2021**

30	M.Moorthi M.Govindarajan	Vermitechnology - Biology of Earthworms and methods (Russian-ВЕРМИТЕХНОЛОГИЯ Биология земляных червей и методы борьбы с паразитами)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-3-93701-5	**2021**
31	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Clinical Insights and Surveys (German language-Leptospirose Klinische Einblicke und Erhebungen)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54427-2	**2023**
32	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Clinical informations and Surveys (Spanish language-Leptospirosis Información clínica y encuestas)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54428-9	**2023**
33	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Clinical Perspectives and Investigations (French language-Leptospirose Perspectives cliniques et enquêtes)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54429-6	**2023**
34	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Clinical Insights and Surveys (Italian language-Leptospirosi Approfondimenti clinici e sondaggi)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54430-2	**2023**

35	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis-Surveys and Clinical Analyzes (Portuguese language-Leptospirose Inquéritos e análises clínicas)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54431-9	**2023**
36	Dr.S.Niraimathi Dr.M.Govindarajan Dr.A.Amsath	Leptospirosis Clinical studies and surveys (Russian language-Лептоспироз Клинические исследования и опросы)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-54432-6	**2023**
37	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	An introduction to Environmental studies (German language-Eine Einführung in die Umweltstudien)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-53024-4	**2023**
38	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	Introduction to Environmental studies (French languages-Introduction aux études environnementales)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-53025-1	**2023**
39	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	Introduction to Environmental studies (Spanish language-Introducción a los estudios medioambientales)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-53026-8	**2023**
40	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	An introduction to Environmental studies (Portuguese language-Uma introdução aos estudos ambientais)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068,	978-620-6-53027-5	**2023**

			Republic of Moldova, Europe		
41	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	Introduction to Environmental studies (Russian language- Введение в экологические исследования)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-53028-2	**2023**
42	Dr.K.Veerakumar Dr.P.R.Kiresee Saghana Dr.M.Govindarajan	Introduction to Environmental studies (Italian language- Introduzione agli studi ambientali)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-53030-5	**2023**
43	**M.Govindarajan**	Green synthesized silver nanoparticles in the fight against mosquitoes (Italian Language- Nanoparticelle d'argento sintetizzate in verde nella lotta contro le zanzare)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-82577-8	**2023**
44	**M.Govindarajan**	Synthesized green silver nanoparticles in the fight against mosquitoes (Portuguese language- Nanopartículas de Prata Verde Sintetizada na Luta Contra os Mosquitos)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-82578-5	**2023**
45	**M.Govindarajan**	Green synthesized silver nanoparticles in the fight against mosquitoes (German language- Grün synthetisierte Silber-Nanopartikel im Kampf gegen Mücken)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-81442-0	**2023**

46	**M.Govindarajan**	Silver nanoparticles synthesized in green to fight mosquitoes (Spanish language-Nanopartículas de plata sintetizadas en verde para luchar contra los mosquitos)		978-620-5-81443-7	**2023**
47	**M.Govindarajan**	Green synthesized silver nanoparticles in the fight against mosquitoes (French Language-Nanoparticules d'argent synthétisées vertes dans la lutte contre les moustiques)		978-620-5-81444-4	**2023**
48	**M.Govindarajan**	Silver nanoparticles of green synthesis in the fight against mosquitoes (Russian language-Наночастицы серебра зеленого синтеза в борьбе с комарами)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-82580-8	**2023**
49	**M.Govindarajan**	Plant extracts to combat the Zika virus as a mosquito vector (German language-Pflanzenextrakte zur Bekämpfung des Zika-Virus als Mückenüberträger)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-99390-3	**2023**
50	**M.Govindarajan**	Plant extracts to control the mosquito vector of the Zika virus (Spanish language-Extractos vegetales para controlar el mosquito vector del virus Zika	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-99391-0	**2023**
51	**M.Govindarajan**	Plant extracts to combat the mosquito vector of the Zika virus (French language-Extraits de plantes pour lutter contre le	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068,	978-620-5-99392-7	**2023**

		moustique vecteur du virus Zika)	Republic of Moldova, Europe		
52	**M.Govindarajan**	Plant extracts for controlling Zika virus-carrying mosquitoes (Russian language- Экстракты растений для борьбы с переносчиком вируса Зика комарами)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-99393-4	**2023**
53	**M.Govindarajan**	Plant extracts for the control of the mosquito vector of the Zika virus (Italian language- Estratti vegetali per il controllo della zanzara vettore del virus Zika)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-99394-1	**2023**
54	**M.Govindarajan**	Plant extracts to control the mosquito vector of the Zika virus (Portuguese language- Extractos de plantas para controlar o mosquito vector do vírus Zika)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-5-99395-8	**2023**
55	**M.Govindarajan**	Addressing communicable diseases (Italian language- Affrontare le malattie trasmissibili)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66031-6	**2023**
56	**M.Govindarajan**	Fight against communicable diseases (Portuguese language- Luta contra as doenças transmissíveis)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66032-3	**2023**
57	**M.Govindarajan**	Fighting infectious diseases (Russian languages- Борьба с	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the	978-620-6-66035-4	**2023**

		инфекционными заболеваниями)	OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe		
58	**M.Govindarajan**	Fight against communicable diseases (French language-Lutte contre les maladies transmissibles)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66042-2	**2023**
59	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (German language-Durch Mücken übertragene Krankheiten und Strategien für die öffentliche Gesundheit)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66415-4	**2023**
60	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (Spanish language-Enfermedades transmitidas por mosquitos y estrategias de salud pública)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66416-1	**2023**
61	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (French language-Maladies transmises par les moustiques et stratégies de santé publique)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66417-8	**2023**

62	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (Italian language-Malattie trasmesse dalle zanzare e strategie di salute pubblica)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66418-5	**2023**
63	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (Portuguese language-Doenças transmitidas por mosquitos e estratégias de saúde pública)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66419-2	**2023**
64	**M.Govindarajan**	Mosquito-borne diseases and public health strategies (Russian language-Заболевания, переносимые комарами, и стратегии общественного здравоохранения)	Sciencia Scripts Trademark of Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L. publishing group, Chisinau-2068, Republic of Moldova, Europe	978-620-6-66420-8	**2023**

Text books published by NATIONAL Publishers with peer reviewed

S. No.	Authors	Title	Publisher	ISBN No & Year	Year
1	M.Govindarajan	A manual on Techniques in Isolation of Bio-active molecules	Manibharathi Publishers Chidambaram-608001 Tamilnadu	978-81-9252-871-7	2013
2	M.Govindarajan	A handbook of practical Zoology Vol.1-Invertebrates	Nadar Publication, Kumbakonam Tamilnadu	978-93-5321-434-0	2018
3	M.Govindarajan	A handbook of practical Zoology Vol. 2 - Vertebrates	Nadar Publication, Kumbakonam Tamilnadu	978-93-5321-561-3	2018
4	M.Govindarajan	A handbook of practical Zoology Vol. 3 – Allied Zoology	Nadar Publication, Kumbakonam Tamilnadu	978-93-5321-625-2	2018

5	M.Govindarajan	A manual on PREPARATION OF PROJECT PROPOSAL	Nadar Publication, Kumbakonam Tamilnadu	978-93-5382-735-9	2019
6	M.Govindarajan	PRACTICAL ZOOLOGY (Non-Chordates & Chordates)	Nadar Publication, Kumbakonam Tamilnadu	978-93-5391-134-8	2019

Chapters Published in Books

S. No.	Chapter Title	Book Title	Author's Name	Publisher	Year
1	Commercial mosquito repellents and their safety concerns. *1*, pp.1-27. 978-1-78984-122-0	*Malaria*	Khater, H.F., Selim, A.M., Abouelella, G.A., Abouelella, N.A., Murugan, K., Vaz, N.P. and Govindarajan, M.	InTech Open	2019
1	Mosquito Larvicidal Potential of Medicinal Plants eBook ISBN 978-81-322-2704-5 Hardcover ISBN 978-81-322-2702-1 Softcover ISBN 978-81-322-3818-8	Herbal insecticides, repellents and biomedicines: Effectiveness & commercialization	M.Govindarajan	Springer International Publishing, Switzerland	2016
3	Green Synthesized Silver Nanoparticles: A Potential New Insecticide For Mosquito Control Print ISBN 978-3-319-25290-2 Online ISBN 978-3-319-25292-6	Nanotechnology in the fight against Parasitology	M.Govindarajan	Springer International Publishing, Switzerland	2016
4	Chemical composition and mosquitocidal potential of *Mentha spicata* (Linn.) Essential oil.	Recent Progress in Medicinal Plants Volume 38 Essential oil III and phytopharmacology 1-933699-98-1	M. Govindarajan	STUDIUM PRESS LLC. U.S.A. Editor: J.N.GOVIL	2013

5	Adulticidal efficacy of *Delonix elata* (L.) Gamble against *Culex quinquefasciatus.*	Biologically Active Molecules. 978-93-82062-03-5	M.Govindarajan, M.Rajeswary.	Excel India Publishers, New Delhi, India.	2012
6	Mosquito ovicidal property of *Eclipta alba* (L.) Hassk (Asteraceae) against filarial vector *Culex quinquefasciatus.*	Biologically Active Molecules. 978-93-82062-03-5	R. Sivakumar, M .Govindarajan	Excel India Publishers, New Delhi, India. Editor: N.S.Nagarajan	2012
7	Repellent activity of essential oil of *Pelargonium graveolens* L. Herit against yellow fever mosquito, *Aedes aegypti* Linnaeus.	Vector-Borne Disease: Epidemiology and Control 978-81-7233-541-0	T.Pushpanathan, A, Jebanesan, M.Govindarajan, K. Mullai, Samidurai.	Scientific Publisher, India	2008
8	Larvicidal activity of the leaf extract of Citullus colocynthis (L.) schrad against vector mosquitoes.	Vector-Borne Disease: Epidemiology and Control 978-81-7233-541-0	K. Mullai, A. Jebanesan, M.Govindarajan, T. Pushpanathan	Scientific Publisher, India	2008

Details of Conference / Seminars / Workshop Attended:
INTERNATIONAL

S. No.	Title of paper presented	Title of conference/ seminar	Organised By
1	"Mosquito larvicidal properties of secondary metabolites of actinomycetes against malarial vector, *Anopheles stephensi* L. (Diptera: Culicidae)".	8th International symposium on vectors and vector born diseases.	Center for research in medical entomology (ICMR) Madurai-625002, Tamil Nadu, India. 13-15 October, 2006
2	Larvicidal activity of the leaf extract of *Citrullus colocynthis* (L) schrad against vector mosquitoes	8th International symposium on vectors and vector born diseases.	Center for research in medical entomology (ICMR) Madurai-625002, Tamil Nadu, India. 13-15 October, 2006
3	Repellent activity of essential oil of *Pelargonium graveolens* L. herit against yellow fever mosquito *Aedes aegypti* Linn. (Diptera: Culicidae)	8th International symposium on vectors and vector born diseases.	Center for research in medical entomology (ICMR) Madurai-625002, Tamil Nadu, India. 13-15 October, 2006
4	Larvicidal activity of *Vitex negundo* Linn. (Verbinaceae) extract against *Culex quinquefasciatus* say (Diptera: Culicidae)	8th International symposium on vectors and vector born diseases.	Center for research in medical entomology (ICMR) Madurai-625002, Tamil Nadu, India. 13-15 October, 2006
5	Larvicidal efficacy of secondary metabolites of soil fungi against *Culex quinquefasciatus* (Say) and *Aedes aegypti* (Linn.) (Diptera: Culicidae).	International conference on Biodiversity of insects: challenging issues in management and conservation.	Department of Zoology, Bharathiyar University, Coimbatore – 641 046 Tamilnadu, India. 30th February, 2006

6	Larvicidal activity of *Eclipta alba* (L.) Hassk (Astraceae) leaf extract against filarial vector mosquito, *Culex quinquefasciatus* (Say.) (Diptera: Culicidae)	International Symposium on Recent Advances in Ecology and Management of Vectors and Vector Borne Diseases.	Defence Research and Development Establishment (DRDE), DRDO, Ministry of Defence, Jhansi Road, Gwalior – 474 002 (M.P) India. 1-3 December, 2010.
7	Mosquito larvicidal activity of *Cassia fistula* against *Aedes albopictus* (Diptera: Culicidae)	International Conference on Science and Technology for Clean and Green Environment.	Zoology Wing. Annamalai University. 27-28 July 2012.
	Adulticidal efficacy of *Delonix elata* (L.) Gamble against *Culex quinquefasciatus*	International Conference on Biological Active Molecules (ICBAM)	Gandhigram Rural Institue-Deemed University, (Re-accredited with 'A' gradeNACC) Gandhigram-624 302, Tamilnadu, India. 8th-10th March-2012.
8	Mosquito larvicidal properties of *Asparagus racemosus* (Willd.) (Family:Liliaceae) root extracts against malaria vector, *Anopheles stephensi* (Diptera: Culicidae).	3rd International congress on Global warming biodiversity of insects: management and conservation strategies (GW-BIMC 2013).	Department of Zoology, School of life sciences, Bharathiar University, Coimbatore- 641 046, Tamilnadu. 26th to 28th November, 2013.
9	Mosquito Larvicidal activity of *Asparagus racemosus* (Willd.) (Family:Asparagaceae) root extracts against filariasis vector, *Culex quinquefasciatus* (Diptera: Culicidae).	International conference on Vector borne disease- Combat and Control.	Department of Zoology, Justice Basheer Ahmed Sayeed College for Women (Autonomous), Chennai- 18, Tamilnadu. 22nd and 23rd January 2014.
10	Swift biofabrication of poly-dispersed silver nanocrystals using *Malva sylvestris* leaf extract: Mosquito larvicidal potential and impact on non-target aquatic organisms	International conference on Innovative and Emerging Trends in Botany (ICIETB - 2019)	Department of Botany, Alagappa University, Karaikudi. 6th and 7th November, 2019
11	Novel synthesis of silver nanoparticles using *Ruta corsica* leaves: A potent eco-friendly tool against dengue vector, Aedes aegypti.	International Symposium on Challenges to Environment and Health.	Department of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli. 30th January, 2020.
12	Synthesis of silver nanoparticles using *Pavetta indica* leaf extract and its toxicity on *Spodoptera litura* and dengue vector, *Aedes aegypti*	International Symposium on Agriculture and Environment (ISAE 2020)	Faculty of Agriculture, University of Ruhuna, Sri Lanka. 14th February, 2020.
13	Biogenic synthesis of silver nanocrystals using *Carissa carandas*: Mosquitocidal potential and biotoxicity on non-target	International Conference on Recent Biotechnological Innovation in	Department of Zoology, Bharathiar University, Coimbatore. 27th and 28th February, 2020.

	aquatic organism, *Gambusia affinis*	Aquaculture	
14	Facile synthesis and biophysical characterization of silver nanocrystals using *Quisqualis indica*: Larvicidal potential against Zika virus and dengue vector mosquitoes.	International Conference on Novel Materials for Evolving Technological Applications	Department of Physics, Holy Cross College, Nagercoil. 2nd March, 2020.
15	Chemical composition and mosquito larvicidal potential of Zingiber nimmonii essential oil: A low-cost eco-friendly control tool against dengue vector Aedes albopictus.	International conference on Eco-technological approaches for sustainable environment.	Department of Microbiology, Government Arts College for Women, Salem – 636 008. 6th march, 2020.
16	Green nanomaterials for the control of mosquito vectors	International Seminar on Environmental Toxicology.	PG and Research Department of Zoology, Khadir Mohideen College, Adirampattinam – 614 701, Tamil Nadu, India. 20.03.2023

NATIONAL

S. No.	Title of paper presented	Title of conference/ seminar	Organised By
1	"Efficacy of fungal secondary metabolite(s) of mangrove soil against larval mosquito *Culex quinquefasciatus* (Say)".	National conference on conservation of coastal ecosystems with the help of Biotechnological tools.	Loyola Institute of Frontier energy (LIFE), Loyola College, Chennai. 08-10 September, 2003
2	"Efficacy of secondary metabolites of actinomycetes against larval mosquito *Culex quinquefasciatus* (Say)".	National symposium on Resent in Environment and Biotechnology.	Department of Zoology and Biochemistry, Govt. college (Autonomous) Kumbakonam- 612 001.26-28 July,2004
3	Extracellular secondary metabolites of soil fungi against larval mosquito *Culex quinquefasciatus* say".	National seminar on Biovision.	Department of Zoology, Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 21 – 22 January, 2005
4	Bioactivity of essential oils of *Ocimum basilicum* Linn. Against the filarial mosquito, *Culex quinquefasciatus* say	National seminar on Biovision.	Department of Zoology, Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 21 – 22 January, 2005
5	"Larvicidal efficacy of secondary metabolites of actinomycetes against the dengue vector *Aedes aegypti* (Linn.) (Diptera: Culicidae)".	National Seminar on Recent Trends in the Revitalization of indigenous practices for Better Health care of Animals Division of Animal husbandry.	Faculty of Agriculture, Annamalai University Annamalai Nagar-608002, Tamil Nadu, India. 27 – 28 March, 2006
6	Larvicidal efficacy of *Pelargonium graveolens* essential oil against the filarial mosquito *Culex quinquefasciatus* say (Diptera: Culicidae)	National Seminar on Recent Trends in the Revitalization of indigenous practices for Better Health care of Animals Division of Animal husbandry.	Faculty of Agriculture, Annamalai University Annamalai Nagar-608002, Tamil Nadu, India. 27 – 28 March, 2006

7	Larvicidal efficacy of secondary metabolites of soil fungi against malarial vector *Anopheles stephensi* (Linn.)(Diptera: Culicidae).	National Conference on Microbial Biotechnology for Agriculture and Industry.	Department of Microbiology, Faculty of Agriculture, Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 28 – 29 March, 2006
8	Repellent activity of essential oil of *Thymus vulgaris* Linn. Against yellow fever mosquito *Aedes aegypti* Linn. (Diptera: Culicidae)	National Conference on Microbial Biotechnology for Agriculture and Industry.	Department of Microbiology, Faculty of Agriculture, Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 28 – 29 March, 2006
9	Oviposition attractancy of fungal secondary metabolites for *Culex quinquefasciatus (*Say.) (Diptera: Culicidae)	National seminar on mosquito biodiversity and challenges in the control of mosquito-borne diseases.	P.G.&Research Department of Advanced zoology& Biotechnology, Loyola College, Chennai-600034, Tamil Nadu, India. 19-20 February, 2007
10	Efficacy of natural plant product, *Vitex negundo* against dengue mosquito vector *Aedes aegypti*	National seminar on mosquito biodiversity and challenges in the control of mosquito-borne diseases.	P.G.&Research Department of Advanced zoology& Biotechnology, Loyola College, Chennai-600034, Tamil Nadu, India. 19-20 February, 2007
11	Larvicidal and repellent activities of essential oil of *Thymus vulgaris* Linn. (Labiatae) against malarial vector *Anopheles stephensi* (Diptera: Culicidae)	National seminar on mosquito biodiversity and challenges in the control of mosquito-borne diseases.	P.G.&Research Department of Advanced zoology& Biotechnology, Loyola College, Chennai-600034, Tamil Nadu, India. 19-20 February, 2007
12	Extracellular metabolites of actinomycetes against filarial vector mosquito *Culex quinquefasciatus* (Say) (Diptera: Culicidae).	94th Indian Science Congress	Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 3-7 January, 2007
13	Repellent activity of *Cymbopogan citrates* stapt (Graminae) leaf essential oil against the filarial mosquito, *Culex quinquefasciatus* (Say) (Diptera: Culicidae)".	94th Indian Science Congress	Annamalai University, Annamalai Nagar-608002, Tamil Nadu, India. 3-7 January, 2007
14	Oviposition response of the mosquito, *Culex quinquefasciatus* to the secondary metabolites of the fungus, *Fusarium vasinfectum.*	National seminar on current trends in environment and biosafety	Department of Zoology, Annamalai University. Annamalainagar-608 002. 8-9 March, 2008
15	Larvicidal and repellent activity of essential oil of *Toddalia asiatica* Lam. (Rutaceae) against dengue vector, *Aedes aegypti* Linn (Diptera: Culicidae)	National conference on biodiversity, bioresources and biotechnology for sustainable livelihood of rural community.	Loyola Institute of Frontier energy (LIFE), Loyola College, Chennai. 18-20 January, 2008
16	Mosquito adulticidal properties of *Delonix elata* (L.) Gamble (Family: Fabaceae) against dengue vector, *Aedes aegypti* (Linn.) (Diptera: Culicidae)	UGC, ICMR and MoES sponsored National conference on Environment, Biodiversity and Bioethics Current trends and Future Perspectives-2012	Department of Zoology, Annamalai University. Annamalainagar-608 002. 23rd and 24th March-2012.
17	Mosquito Larvicidal activity *of Eclipta alba* (L.) Hassk. (Asteraceae) against Japanese	UGC, ICMR and MoES sponsored National conference on Environment, Biodiversity	Department of Zoology, Annamalai University. Annamalainagar-608 002.

	encephalitis vector, *Culex tritaeniorhynchus* Giles (Diptera: Culicidae)	and Bioethics Current trends and Future Perspectives-2012(NCEBB-2012)	23rd and 24th March-2012.
18	Larvicidal efficacy of *Asparagus racemosus* (Willd.) (Family:Asparagaceae) root extracts against Dengue vector mosquito, *Aedes aegypti* (Diptera: Culicidae).	UGC, CSIR, MoES sponsored National Conference on Environmental issues and Challenges -Vision 2020 (EnVISION 2020).	Department of Zoology, Annamalai University, Annamalainagar-608 002, Tamilnadu. 27th and 28th September, 2013.
19	Biosynthesis of silver nanoparticles using Chomelia asiatica leaf extract against Anopheles stephensi, Culex quinquefasciatus and Aedes aegypti (Diptera: Culicidae)	Brain storming conference on Emerging new epidemiological dimensions of Japanese encephalitis (JE) and other acute encephalitis syndromes (AES).	Organized by Centre for research in medical entomology, Indian Council of Medical Research, Madurai. 26-27, June, 2014.
20	Mosquito ovicidal activity of *Cassia alata* plant leaf extracts against *Culex quinquefasciatus, Aedes aegypti* and *Anopheles stephensi*.	Advances in Tocicology and Serinanotechnology (ATS).	Department of Zoology. Annamalai University. Annamalainagar-608 002.23rd and 24th July 2015.
21		Statistical Data Analysis using SPSS.	Staff Training and Development Centre. Department of Statistics. Annamalai University. Annamalainagar-608 002. 19th and 20th March 2015.
22		UGC sponsored "National workshop on recent trends in bio-virtual labs"	Department of Zoology, Government College for Women (Autonomous) Kumbakonam. 24.01.2018
23		UGC sponsored "National workshop on computational biology and its application"	Department of Zoology, Govt. College for Women (A) Kumbakonam. February 8th and 9th, 2018
24		UGC sponsored 'National Conference on Indian Fisheries: Prospects & Challenges'	Department of Zoology, Government College for Women (Autonomous) Kumbakonam February 15th & 16th, 2018

Invited Talks

Invited lectures or presentations in conference /symposia/ Workshop: INTERNATIONAL

S. No	Title of lecture/ academic session	Title of conference/ seminar etc,	Organized by	Level
1	Secondary metabolites from soil fungi and actinomycetes: A modern Approach to control vector mosquitoes.	International colloquium on Biovision'09.	Department of Electronics & Biochemistry, R.V.S. College of Arts & Science , Karaikal. 1st & 2nd April , 2009.	International

2	Mosquito borne diseases- An global scenario	DBT, DST, ICMR, CSIR sponsored 2nd International conference on Bioinformatics and system biology,	Department of Zoology (DDE), Annamalai University. Annamalainagar-608 002. 16th-17th February, 2011	International
3	Bioactive compounds from aquatic organisms	UGC sponsored National seminar on emerging trends and challenges in aquatic biotechnology.	P.G. and Research Department of oology, Khadir Mohideen College, Adirampattinam-614 701, Tamilnadu. 12th & 13th February, 2011.	National
4	Mosquito larvicidal activity of Impatiens balsamina against Anopheles subbpictus and Culex tritaeniorhynchus (Diptera: Culicidae)	International Conference on Science and Technology for Clean and Green Environment.	Zoology Wing. Annamalai University. 27-28 July 2012.	International
5	Mosquito larvicidal properties of *Asparagus racemosus* (Willd.) (Family:Liliaceae) root extracts against malaria vector, *Anopheles stephensi* (Diptera: Culicidae)	3rd International congress on Global warming biodiversity of insects: management and conservation strategies (GW-BIMC 2013)	Department of Zoology, Bharathiar University, Coimbatore- 641 046, Tamilnadu. 26th to 28th November, 2013	International
6	Dengue – A global scenario	National seminar on recent trends and challenges in biosciences	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614 701, Tamilnadu. 16th October, 2016	National
7	Dengue, Zika virus mosquitoes: New challenges for an eco-friendly control	International Colloquium on Biovision-2018	Sir Issac Newton College of Arts & Science Campus, Pappakovil, Nagapattinam. February 28th, 2018	International
8	Innovations on ecofriendly strategies for Dengue and Zika virus vector management:balancing ecology and health	UGC-HRDC, Refresher Course in Zoology, Bharathiar University, Coimbatore – 641 046	UGC-HRDC, Refresher Course in Zoology, Bharathiar University, Coimbatore – 641 046 25.09.2023 02.00 to 03.30	

9	The path from discovery to publication: an expedition of knowledge	UGC-HRDC, Refresher Course in Zoology, Bharathiar University, Coimbatore – 641 046	UGC-HRDC, Refresher Course in Zoology, Bharathiar University, Coimbatore – 641 046 03.30 to 05.00	
10	A journey from research to publication	Three Weeks Faculty Development Programme on "Research Innovations in Biological Sciences and Physical Sciences". Organized by the research & development cell in collaboration with the Department of Microbiology, Zoology and Physics, Syed Ammal Arts and Science College, Ramanathapuram	23rd March to 12th April, 2022	National
11	Respiration in mammals and transport of gases	Department of Zoology, Bharathiar University, Coimbatore – 641 046	26.09.2023 10-11.30	National
12	Chemical regulation of respiration	Department of Zoology, Bharathiar University, Coimbatore – 641 046	26.09.2023 11.30-01.00	National

National

S. No	Title of lecture/ academic session	Title of conference/ seminar etc,	Organized by
1	Dengue, Zika virus mosquitoes: New challenges for an eco-friendly control	International Colloquium on Biovision-2018	Sir Issac Newton College of Arts & Science Campus, Pappakovil, Nagapattinam. February 28th, 2018,

2	Bioactive compounds from aquatic organisms	UGC sponsored National seminar on Emerging Trends and Challenges in Aquatic Biotechnology.	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614 701, Tamilnadu. 12th & 13th March, 2011.
3	Dengue – A global scenario	National seminar on recent trends and challenges in biosciences	P.G. and Research Department of Zoology, Khadir Mohideen College, Adirampattinam-614 701, Tamilnadu. 16th October, 2016

Academic awards and distinctions

S.No.	Name of Awarding Body	Name of Award/Honor	Date	Level
1	India International Friendship Society, NewDelhi-110001, India	Shiksha Rattan Puraskar	2013-02-09	National
2	Tamilnadu Kalai Ilakkiya Kalakam & Kavignan Pathippagam, Kottaram-629703, Tamilnadu	Perasiriya Mamani Award	25.08.2019	National
3	Institute of Scholars, Bengaluru-560091, Karnataka, India	Research Excellence Award-2021	20.03.2021	National
4	Thannammal Education Trust, K.Pethananthal, Sivagangai District, Tamilnadu	Shining star of International award for education excellence	08.03.2022	National
5	Malaysia Bharathi Creative Channel, Sungai, Patani Kedah, Malaysia & Sanjana Educational Foundation, Sivaikundam, Tamilnadu jointly organized by International Awards-2023	Eminent Research Award	05.09.2023	National
6	Department of Epidemiology and Population Health, Stanford University, Stanford, California, United States of America, Stanford University, USA	World Top 2% Scientist Recognition (Mycology & Parasitology, Inorganic & Nuclear Chemistry, Biomedical Research, Tropical Medicine, Medicinal & Biomolecular Chemistry) (2019,2020,2021,2022,2023)	2018 12.08.2019 16.10.2020 2021 2022 04.10.2023	International

7	Careers 360, Pathfinder Publishing Pvt. Ltd., Plot No.78, Sector – 44, Gurugram, Haryana – 122003.	Top 1000 Researchers of India-2023, Certificate of Achivement	06.10.2023	National

OTHER RELEVANT INFORMATION

Membership/fellowship of academies/institutions/professional societies

- ✓ I have achieved as a Professional Member of the Institute of Scholars (InSc) with a lifetime-valid membership, a testimony to my dedication to continuous learning and expertise within the field.

Other credential, significant contributions, & responsibilities

- ✓ International Exposure/Visit: Visited Faculty of Agriculture, University of Ruhuna, Sri Lanka, on February 14th, 2020.

  "On February 14th, 2020, I had the valuable opportunity to partake in an overseas visit to the Faculty of Agriculture, University of Ruhuna, located in Sri Lanka. During this visit, I engaged in an enriching experience, collaborating and exchanging knowledge with esteemed individuals at the university. This visit provided an invaluable platform to explore and discuss various academic aspects, fostering a deeper understanding of agricultural practices, research methodologies, and cultural exchange within the field."

- ✓ Coordinator of SWAYAM NPTEL SPOC at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Coordinator of the Naan Mudhalvan Scheme at Government College for Women (A), Kumbakonam – 612 001.
- ✓ In November 2012, I published a Tamil article titled "Dengue-muzhu vivarankalai therinthukolvom" in the monthly magazine The Business Power.
- ✓ I was appointed as a member of the selection committee for MoEF project Junior Research Fellowship (JRF) at Khadir Mohideen College in Adirampattinam, Tamil Nadu.
- ✓ I served as a doctoral committee member at the Department of Biochemistry, RVS College of Arts & Science in Karaikal, India.
- ✓ I acted as an examiner for paper evaluation at Bharathiar University in Coimbatore.
- ✓ I served as an examiner for paper evaluation at Pondicherry University, located in Pondicherry.
- ✓ I acted as an examiner for paper evaluation at Bharathidasan Women's College in Pondicherry.
- ✓ I served as an examiner for paper evaluation at AVC College in Mayiladithurai.
- ✓ I served as a question paper setter at AVC College in Mayiladithurai.
- ✓ I acted as an M.Phil viva-voce examiner at AVC College in Mayiladuthurai.

- ✓ I served as a member of the Ph.D. Doctoral Committee in the Department of Zoology at Government Arts College (Autonomous) in Kumbakonam.
- ✓ Appointed as an External Subject Expert Member for Ph.D. Research Advisory Committee at PG & Research Department of Zoology, AVC College (Autonomous), Mannampandal, Mayiladuthurai- 609 305 (Affiliated to the Annamalai University)
- ✓ I undertook the role of a question paper setter at Government Arts College (Autonomous) located in Salem – 636 007.
- ✓ I acted as a Practical Examiner for M.Sc. Zoology at D.G. Government Arts College in Mayiladuthurai.
- ✓ I served as a PG Viva-voce Examiner for M.Sc. Zoology at TBML College in Porayar.
- ✓ I acted as a Practical Examiner for UG Degree at Poompuhar College (Autonomous), Melaiyur – 609 107.
- ✓ I served as a Practical Examiner for M.Sc. Zoology at Thiru. Vi. Ka. Government College in Thiruvarur.
- ✓ I acted as a question paper setter at Thiruvalluvar University in Vellore.
- ✓ I served as a question paper setter at Bharathiar University in Coimbatore.
- ✓ I acted as a question paper setter at Bharathidasan Women's College in Pondicherry.
- ✓ I served as a viva-voce examiner for M.Sc. Biochemistry students at RVS College of Arts & Science in Karaikal.
- ✓ I acted as a viva voce examiner for Ph.D. and M.Phil students at Bharathidasan University.
- ✓ I served as an examiner for M.Phil dissertation evaluation at Bharathiar University.
- ✓ I served as a public viva-voce examiner for Ph.D. candidates at Thiruvalluvar University.
- ✓ Member of the NAAC Executive Committee at Government College for Women (A), Kumbakonam – 612 001.
- ✓ State/National Scholarship Advisor at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Coordinator of the Rotaract Club at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Member of the Discipline Committee at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Building Committee Member at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Member of the Library Committee at Government College for Women (A), Kumbakonam – 612 001.
- ✓ Member of the Media/Press Committee at Government College for Women (A), Kumbakonam – 612 001.

- ✓ I have been appointed as an Adjunct Professor at the University Center for Research & Development, Chandigarh University in Punjab. In this role, I contribute actively to academia by disseminating knowledge, engaging in research endeavors, and providing mentorship to students.

Dr.M.Govindarajan