



Dr. B. Vaseeharan
Professor and Head

Contact

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Alagappa University, 6th Floor, Science Campus, Burma Colony,
Karaikudi – 630 003
Tamil Nadu, INDIA

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Academic Qualifications: M.Sc., M.Phil., Ph.D

INSTITUTION AND LOCATION	DEGREE	YEAR(s)	FIELD OF STUDY
Periyar University, Salem	D.Sc.	2022	Zoology
University of Madras, Chennai, India	Ph. D	2002	Zoology
Scott Christian College, Manonmaniam Sundaranar University, Tirunelveli, India.	M. Phil	1993-1994	Zoology
Scott Christian College, Manonmaniam Sundaranar University, Tirunelveli, India	M.Sc	1990-1992	Zoology

Madurai Kamaraj University, Madurai, India.	B. Ed	1992-1993	Biology and Education
Sivandhi Adhithanar College, Madurai Kamaraj University, Madurai, India.	B. Sc	1987-1990	Zoology

Teaching Experience: 20 Years

Research Experience: 22 Years

Additional Responsibilities

1. 2013 to till date, Professor and Head, Department of Animal Health and Management, Alagappa University, Karaikudi
2. 2020-2021, Registrar (i/c), Alagappa University, Karaikudi
3. 2017 to 2020, Director, Collaborative Programme, Alagappa University, Karaikudi
4. 2019- 2020, Director, Directorate of On-line Programme, Alagappa University, Karaikudi.
5. 2015-2019, Co-ordinator, University Business Collaboration Centre, Alagappa University, Karaikudi.
6. 2013- till date, Member of Senate, Alagappa University, Karaikudi.
7. 2017- 2019, Co-ordinator, Waste treatment technology for sustainable and eco-friendly environment, Alagappa University, Karaikudi.
8. 2016 – 17, Director, University Scientific Instrumentation Centre, Alagappa University, Karaikudi.
9. 2016-17, Chief Warden, Alagappa University Hostels, Alagappa University, Karaikudi.
10. 2011-13, Associate Professor & Head i/c, Department of Animal Health & Management, Alagappa University, Karaikudi.
11. 2008-11, Reader & Head, Department of Animal Health and Management, Alagappa University, Karaikudi.
12. 2010-12, Co-ordinator DDE M. Sc Zoology PCP Program, Alagappa University, Karaikudi

Areas of Research

Biomaterials and biotechnology in animal health, Crustaceans Molecular Biology and Genomics, Nano biosciences and Nanopharmacology.

Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	15	6
	M.Phil.	11	-

Project	PG	54	-
	UG / Others	-	-

Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
160	95	84	49	13

Cumulative Impact Factor (as per JCR) : 2.023

H-index : 53

i10 index : 165

Total Citations : 9103

Funded Research Projects

Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Council of Scientific & Industrial Research (CSIR) New Delhi	2012	2015	cDNA cloning mRNA transcript and functional analysis of novel immune related genes prophenoloxidase and peroxinectin from Indian white shrimp <i>Fenneropenaeus indicus</i> .	22.00
2	University Grant Commission (UGC) - Major research project	2012	2014	Isolation and characterization of potential probiotic strains for successful treatment of bacterial disease in <i>Cyprinus carpio</i> , <i>Osteogiossum bichirrossum</i> and <i>Cichlasoma spp.</i>	8.78

3	Indo-Ireland	2011	2013	Silencing key virulence proteins in the liver fluke, <i>Fasciola gigantica</i> : development of a novel control strategy.	6.40
4	DST, India and National Science Council, Taiwan	2010	2012	Antimicrobial activity of silver nanoparticles (Ag-Nps) against pathogenic <i>Vibrio</i> spp. isolated from aquaculture environments”	9.00
5	Indo –Queen University of Belfast, UK Project	2010	2012	Silencing key virulence proteins in the liver fluke, <i>Fasciola hepatica</i> : development of a novel control strategy	6.00
6	Indo – Queen University of Belfast, UK	2010	2012	Ultrastructural histochemical and epidemiological studies on amphistomes in India and Northern Ireland, United Kingdom.	6.00
7	Department of Biotechnology (DBT), New Delhi	2009	2012	Genome characterization and mRNA transcript analysis of novel immune related genes α 2 macroglobulin and serine proteinase from <i>Fenneropenaeus indicus</i> .	22.85
8	Department of Science & Technology (DST) Fast track fellowship	2009	2012	Molecular cloning and characterization of novel gene lipopolysaccharide- and β -1, 3-glucan binding protein (LGBP) from <i>Fenneropenaeus indicus</i> and its mRNA transcript analysis	15.75
9	University Grant Commission (UGC) - Major research project	2009	2012	Molecular characterization of Indigenous and exotic probiotic strains and its effective treatment on Bacterial diseases in aquaculture	9.5
10	University Grant Commission (UGC) - Major research project	2009	2012	Intensive survey and inventorisation of sea grasses biodiversity in Palk bay Bay of Bengal	4.36

11	Dr. Kothari Fellowship from UGC, New Delhi.	2009	2012	Exploration of new Antioxidative molecules from <i>Artemia parthenogenetica</i> against cellular oxidative damage.	12.00
12	Department of Biotechnology (DBT), New Delhi	2015	2018	Purification, characterization, functional analysis and structural elucidation of pattern recognition molecule β -1, 3-glucan binding protein and antimicrobial peptides from crustaceans	58.00

Ongoing Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	-	-	-	-	-

Consultancy Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	-	-	-	-	-

Others: Nil

Patents

1. Nil

Distinctive Achievements / Awards

1. 2022- ranked #82 in India among Top Scientists for 2022 in the area of Biology and Biochemistry as per H-index data gathered by Microsoft Academic Research.com ranking.
2. 2022-Dr. M. Swaminathan Best Fisheries Scientist Award, 2019 by PFGF, ICAR-CIFRI, Barrackpore.
3. 2021- 2nd rank in Alagappa University for Best Scientist as per the ranking given by AD scientific index
4. 2021- Best Scientist Award- Journal of Fisheries and Life Sciences by College of Fisheries, Mangaluru, Karnataka, India
5. 2021- TANSA-2019 Award by Tamil Nadu State Council for Science and Technology, Tamil Nadu, India

6. 2020, Vallal Alagappan Research Recognition Award, for his contribution towards the enhancement of Research Outcome of this University in the form of “h index”
7. 2020- Certificate of Appreciation for the contribution made to Theme Based Research Project of RUSA 2.0
8. 2020, Excellent Researcher Awards, National conference on SMART SUMMIT-2020 conducted by PEARL Foundation on 15.03.2020 at Radha Regent, Bangalore
9. 2019, Presided the Swachhta Hi Seva 2018 activity ‘C’ conducted by Alagappa University, Karaikudi.
10. 2018, Presided the Swachhta Hi Seva 2018 activity ‘J’ conducted by Alagappa University, Karaikudi.
11. 2018, Leading Educationalist of India Award, Friendship forum regarding “Economic Growth and National Unity” held at New Delhi on 25th September 2018.
12. 2018, Bharat Excellence Award, Friendship forum regarding “Global brotherhood and peace” held at New Delhi on 25th September 2018.
13. 2018- Letter of Appreciation for acquiring A+ grade (CGPA: 3.64) in the third cycle of NAAC, Member-NIRF 2018 Team.
14. Letter of Appreciation for acquiring A+ grade (CGPA: 3.64) in the third cycle of NAAC, Director - Collaborative Programmes
15. 2009, Young Scientist Award-SERC-FAST TRACK, Department of Science and Technology, New Delhi, India.
16. 2003-07, Postdoctoral fellow award by National Science Council- Taiwan.
17. 2001-03, Post doctoral award by National Agriculture Technology Project (NATP), Indian Council of Agricultural Research (ICAR), New Delhi, India.
18. 1994, University 2nd rank in M. Phil. Degree in Zoology.

Events organized in leading roles

Number of Seminars / Conferences / Workshops / Events organized: **12**

1. Chairperson, International Conference on “Innovative and Emerging Trends in Botany (ICIETB – 2019)” organized by Department of Botany, Alagappa University, Karaikudi on 6th and 7th November, 2019
2. Convener, MP-TEM 2019 in 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP-TEM 2019) held on 24th and 25th July 2019, Department of Animal Health and Management, Alagappa University, Karaikudi-630003
3. Co-ordinator, UBCC in 2nd Training Programme on “Business Opportunities in Aquaculture and Vermiculture Technology” held on 02nd – 08th March 2018, Department of Animal Health and Management, Alagappa University, Karaikudi-630003
4. Member of Advisory Committee, National Conference on “Futuristic Materials” (NCFM – 2017) held on 27 & 28 March, Department of Physics, Alagappa University, Karaikudi-630003
5. Organizing Chairman, International Workshop on “Molecular Physiology, Therapeutics and Experimental Medicine” – 2016 held on 6th and 7th September, Department of Animal Health and Management, Alagappa University, Karaikudi-630003
6. Co-Convener, International Conference on “Recent Trends in Biosciences” IRTB – 2016 held on 7th April to 9th April, Alagappa University, Karaikudi-630 003
7. Coordinator, Training programme on “Recent trends in software industry. Role of income tax and sale tax in business held on 3rd March 2016
8. Coordinator, Training programme on “Live feed culture production (Artemia, Phytoplanktons & Zooplanktons, Spirulina), and Sea weed culture and its allied industries” held on 26th February 2016.
9. Coordinator, Training programme on “Small Scale business setup in ornamental fish farming, apiculture, mushroom and silk production” held on 20th January 2016.
10. Coordinator, Training programme on “Shrimp and fin fish production skills for aquaculture business” held on 15th December 2015

11. Coordinator, Training programme on “Motivation for business development skills in live stock rearing and its by product production” held on 7th December 2015.
12. Organizing Secretary, International Seminar On “Recent Trends in Aquatic Animal Biotechnology” (RTAAB- 2013) held on 21-22 October 2013, Depart of Animal Health and Management, Alagappa University, Karaikudi-630 003.
13. Organizing Secretary, International seminar on “Applications of Confocal Microscopy Techniques in Animal Health Management” (ACAH’2010) held on 29-30 March 2010, Depart of Animal Health and Management, Alagappa University, Karaikudi-630 003
14. Co-Ordinator, Tamizha Ariviyal Paeravai “Tamizhkathin Sakthi Valam” 2009 – Department of Animal Health and Management held on 11th to 13th September 2009, Alagappa University, Karaikudi-630 003.
15. Organizing Secretary, National seminar on “Application of genomics and bioinformatics in Animal health and Management” NSGB 09- held on 25th and 26th March 2009, School of Animal Health and Management, Alagappa University, Karaikudi-630 003.
16. Organizing Secretary, International colloquium on “Emerging biotechnologies in Agriculture, Animal Health and Productivity” ICEB 2009- held on 23rd to 27th Feb 2009, Alagappa University, Karaikudi-630 003.

Events Participated

Conferences / Seminars / Workshops: 15

1. 2021- B. Vaseeharan, V. Vinotha Participated and presented oral presentation for “9th National and 1st International Iranian Conference on Ichthyology” by the University of Guilan, 26th and 27th October 2021 through online.
2. 2021- B. Vaseeharan, J. Jeyavani Participated and presented poster presentation for “9th National and 1st International Iranian Conference on Ichthyology” by the University of Guilan, 26th and 27th October 2021 through online.
3. 2021- B. Vaseeharan, A.M. Sibiya Participated and presented oral presentation for “9th National and 1st International Iranian Conference on Ichthyology” by the University of Guilan, 26th and 27th October 2021 through online.
4. 2019- M. Anjugam, A. Iswarya, B. Vaseeharan Presented “Identification of bioactive compounds from the haemolymph of *Portunus pelagicus* and its antibiofilm potential” in the 1st International conference on “Recent advancement of biomolecule inventions-RABI 2019 - Holy Cross College (Autonomous), Nagercoil, Tamilnadu, India. 26th & 27th July 2019
5. 2019- R. Ishwarya, B. Vaseeharan Presented “Purification, characterization, functional and antimicrobial activity of haemocyanin from the haemolymph of *Penaeus semisulcatus*” in the 2nd international conference on Molecular physiology, therapeutics and experimental medicine (MP- TEM 2019)
6. 2019- B. Vaseeharan Presented “Influence of different temperature on the effects induced by selenium in silver pompano” in the 9th International Conference on Marine pollution and Ecotoxicology - Hongkong, China. 10-14th June, 2019
7. 2019- M. Yazhinprabha, B. Vaseeharan Presented Bacteriostatic significance of hytofabricated ZnO NPs towards clinical pathogen” in the International conference on Nanomedicine ICON-2019 - Madurai Kamaraj University, Madurai, Tamilnadu, India. 25th & 26th Feb 2019
8. 2019- **Vaseeharn.B** and R. Rekha, Presented “Biogenic synthesis, characterization of Titanium dioxide (TiO₂) nanoparticles from crustin and their clinical importance” in the 5th International Conference on Nanoscience and Nanotechnology ICONN 2019 - SRM Institute of Science and Technology, Chennai, Tamilnadu, India. 28th – 30th Jan 2019
9. 2018- **Vaseeharn.B** and M. Abinaya, Presented “Genetic diversity of Penaeid shrimps and Molecular Characterisation of Immune Related Genes in Crustaceans” in the International Workshop on Modern Techniques for Molecular and Morphological

Characterization of Crustaceans held on 25th June – 6th July 2018, Annamali University, Parangipettai, Tamilnadu.

10. 2017- **Vaseeharn.B.**, participated in QS BRICS University Ranking 2018 and Round Table discussion on “Building World Class Universities in India” held on 22nd November 2017 at Indian Habitat Center, New Delhi.
11. 2017- **Vaseeharn.B.**, Anjugam Mahalingam, Iswarya Arokyadhas. “Chitosan coated Ag/ZnO nanocomposite against *Vibrio sp*” in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
12. 2017- **Vaseeharn.B.**, Anjugam Mahalingam, Iswarya Arokyadhas. “Chitosan coated Ag/ZnO nanocomposite against *Vibrio sp*” in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
13. 2017- **Vaseeharn.B.**, Iswarya Arokyadhas, Anjugam Mahalingam, Vijayakumar Sekar. “Impact of CS/ALG microspheres on Aquatic pathogen” in the International conference of 10th Symposium on Disease in Asian Aquaculture (DAA 10) held on 28th Aug – 1st sept 2017, Bali, Indonesia
14. 2017- Dhatchayani Surendran, **Vaseeharan B.**, Vijayakumar Sekar, Sankaranarayanan Krishnasamy. “Textile Dye Removal and Antibacterial activity of Hydroxyapatite/Graphene oxide composite” in the “International Conference on Nanoscience and Nanotechnology” held on 9th to 11th August 2017, SRM University, Kattankulathur, India.

15. 2017- **Vaseeharan B.** “Protective effects of the probiotic *Bacillus licheniformis* Dahb1 on the growth, immune and antioxidant responses in *Pangasiushypophthalmus* infected with GFP tagged *Vibrio parahaemolyticus* Dahv2” in the International conference on “Aquatic animal health and parasitic diseases” held on 6th& 7st March 2017, Annamalai University, Chidambaram-608 001
16. 2016- **Vaseeharan B.** Anjugam Mahalingam, Iswarya Arokiadhas. β -glucan binding protein purified from the haemolymph of Indian white shrimp, *Fenneropenaeus indicus* and evaluation of its functional & antimicrobial activity. International Conference on 11th Asian Fisheries & Aquaculture Forum organized by Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand on 3rd August -7th August 2016.
17. 2016- Anjugam Mahalingam, Iswarya Arokiadhas, **Vaseeharan B.** Immunological role of β -glucan binding protein (β -GBP) purified from the haemocytes of mud crab, *Scylla serrata* and its antibiofilm property. International Conference on 11th Asian Fisheries and Aquaculture Forum organized by Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand on 3rd August -7th August 2016
18. 2015- S. Vijay Kumar, **Vaseeharan B.** “Synthesis, characterization, anti biofilm and ecotoxicological evaluation of biopolymer based silver nanoparticles” in the World Congress on Microscopy Instrumentation, Techniques and Applications in Life Sciences and Materials Sciences Organized By International Unit on Macromolecular Science and Engineering, Mahatma Gandhi University, Kottayam, Kerala on 9th – 11th October 2015.
19. 2014-**Vaseeharan B.** Discovery of immune related genes for the possible control of crustacean diseases in international conference organized by CAS in marine biology, Faculty of Marine Science, Annamalai University, Parangipettai on Mar 10th – 11th 2014.
20. 2012-Shanthi S and **Vaseeharan B.** Cloning, Sequencing analysis and tissue expression of antimicrobial peptides (Penaeidin & Penaeidin-3) in Indian white shrimp *Fenneropenaeus indicus* in National Conference on Aquatic Animal Health and Management organized by CAS in Marine Biology, Faculty of Marine Science, Annamalai University, Parangipettai on Sep 14th & 15th 2012.
21. 2012- Rajakumaran P and **Vaseeharan B.** Application of molecular marker in genetic diversity analysis on Penaeid shrimp in International Conference on Environmental

Security for Food and Health (ICESFH) organized by MTT Hindu College, Tirunelveli on 16th -18th, Feb 2012.

22. 2012, **Vaseeharan B.** Cloning and characterization of a prophenoloxidase from the haemocytes of mud crab *Scylla serrata* in national conference on biotechnological approaches in aquaculture live aqua organized by Department of Zoology, Bharathiyar University, Coimbatore on 1st -3rd Feb 2012.
23. 2010-**Vaseeharan B.** A Primer to confocal microscopy in international seminar on applications of Confocal microscopy techniques in Animal Health Management (ACAH) organized by department of Animal Health and Management, Alagappa University, Karaikudi on 29th -30th March 2010.
24. 2009- **Vaseeharan B.** The perspective drawbacks of using antibiotics and the production of inhibitory compounds from probiotic bacteria in aquaculture in national seminar on Recent trends in nano marine sciences organized by School of Marine Sciences, Alagappa University, Karaikudi on 23rd and 24th 2009.
25. 2008- **Vaseeharan B,** Karthikeyan M and Chen JC. Shrimp antimicrobial peptide penaeidins-sequence diversity and functional traits of diverse isoforms in national seminar on Application of Genomics and Bioinformatics in Animal Health and Management organized by Animal Health and Management, Alagappa University, Karaikudi.
26. 2008- Karthikeyan M, **Vaseeharan B.** Applications of stem cells in animal health in national seminar on Application of Genomics and Bioinformatics in Animal Health and Management organized by Animal Health and Management , Alagappa University, Karaikudi.

Other Training Programs

1. Nil

Overseas Exposure / Visits

1. **Place:** China
Purpose of Visit: Lab visit- College of Animal Sciences, Zhejiang University, Hangzhou, China
Duration: 15h June 2019
2. **Place:** Hong kong
Purpose of Visit: 9th International Conference on Marine pollution and Ecotoxicology

Duration: 10th – 14th June 2019

3. **Place:** Malaysia

Purpose of Visit: Binary University – Meeting on Implementation of MOA

Duration: 27th – 31st January 2019

4. **Place:** Malaysia

Purpose of Visit: Open University Malaysia – Research discussion in Biodiversity

Duration: 23rd - 28th June 2018

5. **Place:** Bali, Indonesia

Purpose of Visit: International Conference – 10th Symposium on disease in Asian Aquaculture

Duration: 28th August – 1st September 2017

6. **Place:** Department of Fisheries of the Royal Thai Government, Asian Fisheries Society, Bangkok, Thailand

Purpose of Visit: International Conference on 11th Asian Fisheries & Aquaculture Forum

Duration: 3rd August -7th August 2016

7. **Place:** Mahidol University, Bangkok, Thailand

Purpose of Visit: Training cum collaboration visit

Duration: 21st May -2nd June 2016

8. **Place:** Mahidol University, Bangkok, Thailand

Purpose of Visit: Training cum collaboration visit

Duration: 20th May -15th June 2014

9. **Place:** Queens University of Belfast, Belfast, Northern Ireland, UK

Purpose of Visit: Indo Ireland scientific cooperation programme- QUB, Belfast.

Duration: 5th – 20th of June 2012

10. **Place:** Switzerland

Purpose of Visit: 4th European Microbiological Association Conference (FEMS)

Duration: June 26th- 30th 2011.

11. **Place:** National Taiwan Ocean University, Keelung, Taiwan.
Purpose of Visit: Indo-Taiwan Scientific Collaboration, DST project
Duration: Nov 15th 2009 to Nov 30th 2009, June 26th 2009 to July 7th 2009, June 06th 2010 to July 10th 2010

12. **Place:** National Tsing Hua University, National Taiwan Ocean University, Taiwan.
Funded by National Science Council, Taiwan.
Purpose of Visit: Post Doctoral fellow
Duration: Oct 2003 to May 2004, July 2004 to July 2007

Membership in

Professional Bodies

1. Life member- Bactivac network- Institute of Immunology and Immunotherapy
2. Life member – The Journal of Fisheries and Life sciences
3. Life member – The Indian Science Congress Association
4. International Society for Salt Lake Research (ISSLR)
5. Network of Aquaculture Centres in Asia –Pacific (NAGA)
6. Fish Health Section of Asian Fisheries Society.
7. American Nano Society (Membership #: 117122)
8. Aquaculture Foundation of India.
9. Association of Microbiologists of India (AMI)
10. Member, the Science Advisory Board.
11. Asian Fisheries society

Editorial Board

1. Associate Editor, Journal of Research in Biotechnology
2. Editor-in-chief, Alagappa University Journal of Biological Sciences
3. Associate Editor, Research journal of medical and allied sciences

Advisory Board: Nil

Academic Bodies (such as Board of Studies etc.,)

1. 2022-2025, Member of Board of Studies in M. Phil., Zoology Alagappa University, Karaikudi.
2. 2022-2025, Member of Board of Studies in M. Sc., Zoology Alagappa University, Karaikudi.
3. 2019- Till Date, Member of Board of Studies in Zoology, DDE, Alagappa University, Karaikudi
4. 2018- Member of Board of Studies, M.Sc Marine Biology and M.Sc Oceanography and Coastal Area Studies at Alagappa University on 16.02.2018.
5. 2017 to till date, Member, Board of Studies, M.Sc Zoology, Alagappa University affiliated colleges, Karaikudi
6. 2017 to till date, Member, Board of Studies, B.Sc Zoology, Alagappa University, affiliated colleges, Karaikudi
7. 2010 to till date Chairman, Board of Studies, M.Sc Zoology, Alagappa University,

Karaikudi.

8. 2010 to till date, Chairman, Board of Studies, M.Sc Animal Health and Management, Alagappa University, Karaikudi.
9. 2009 to till date, Chairman, Board of Studies, M.Sc Microbiology, Alagappa University, Karaikudi.
10. 2008 to till date, Chairman, Board of Studies, B.Sc Advanced Zoology and Animal Biotechnology, Alagappa University, Karaikudi.
11. 2013 to till date, Chairman, Board of Studies, M.Phil Zoology, Alagappa University, Karaikudi
12. 2011 to till date, Chairman, Board of Studies, B.Sc Microbial & Clinical lab technology, Alagappa University, Karaikudi
13. Member, Board of Studies of Department of Animal Science, Bharathidasan University.
10. 2010 to till date, Member, Board of Studies, B.Sc Advanced Zoology and Biotechnology University of Madras, Chennai- 25
11. 2010 to till date, Member, Board of Studies, M.Sc Biotechnology, Manonmanium Sundaranar University, Tirunelveli, Tamil Nadu, India.
12. 2010 to till date, Member, Board of Studies, M.Sc., Zoology, Alagappa Arts and Science College, Karaikudi; RDM College, Sivaganga; Zakir Hussian College, Sivaganga

Others: Nil

Resource persons in various capacities

Number of Invited / Special Lectures delivered: 26

Others

1. Articles published in Newspapers / Magazines : Nil
2. Products developed : Nil
3. No. of PhD Thesis evaluated : 56
4. No. of PhD Public Viva Voce Examination conducted : 28
5. Sequences submitted in GenBank: 70

Recent Publications

International: 17
Factor: 80.55
National: 00

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
1.	Bio-fabricated zinc oxide and cry protein nanocomposites: Synthesis, characterization, potentiality against Zika, malaria and West Nile virus vector's larvae and their impact on non-target organisms	Vinotha V, Vaseeharan B	International Journal of Biological Macromolecules.	Elsevier	-	-	2022	https://doi.org/10.1016/j.ijbiomac.2022.10.158
2.	Ingestion and impacts of waterborne polypropylene microplastics on <i>Daphnia similis</i> .	Jeyavani J, Sibiya A, Gopi N, Mahboob S, Al-Ghanim KA, Al-Misned F, Ahmed Z, Riaz MN, Palaniappan B, Govindarajan M, Vaseeharan B.	Environmental Science and Pollution Research	Springer	1-2	-	2022	https://doi.org/10.1007/s11356-022-23013-9
3.	Synthesis and characterization of <i>Vitis vinifera</i> exocarp-mediated ZnO nanoparticles: An evaluation of biological potential and ecotoxicity	Nivetha K, Vinotha V, Albeshr MF, Mahboob S, Manzoor I, Govindarajan M, Vaseeharan B.	Journal of Drug Delivery Science and Technology	Elsevier	-	103846	2022	https://doi.org/10.1016/j.jddst.2022.103846
4.	In silico and In vitro Analysis of <i>Nigella sativa</i> Bioactives Against Chorismate Synthase of <i>Listeria monocytogenes</i> : a Target Protein for Biofilm Inhibition	Vanajothi R, Bhavaniramy S, Vijayakumar R, Alothaim AS, Alqurashi YE, Vishnupriya S, Vaseeharan B, Umadevi M.	Applied Biochemistry and Biotechnology	Springer	1-15	3	2022	https://doi.org/10.1007/s12010-022-04157-3
5.	<i>Citrullus lanatus</i> -encased zinc oxide nanoparticles as potential anti-diabetic, anti-inflammatory and antibacterial agents: A new strategy towards biocompatible nano-drugs (Impact Factor: 0.2)	Ishwarya R, Jeyavani J, Jeyakumar R, Alarifi S, Govindarajan M, Nicoletti M, Vaseeharan B.	Journal of the Indian Chemical Society.	Elsevier	100703	-	2022	https://doi.org/10.1016/j.jjics.2022.100703
6.	Comparative toxicity of silver nanoparticles and silver nitrate in freshwater fish <i>Oreochromis mossambicus</i> : A multi-biomarker approach. (Impact Factor: 4.5)	Sibiya A, Gopi N, Jeyavani J, Mahboob S, Al-Ghanim KA, Sultana S, Mustafa A, Govindarajan M, Vaseeharan B.	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology.	Elsevier	109391	-	2022	https://doi.org/10.1016/j.cbpc.2022.109391
7.	Biomimetically synthesized <i>Physalis minima</i> fruit extract-based zinc oxide nanoparticles as eco-friendly biomaterials for	Yazhiniprabha M, Banu S, Ishwarya R, Vinotha V, Govindarajan M, Wadaan MA, Mahboob S, Nicoletti M, Vaseeharan B	Journal of Drug Delivery Science and Technology	Elsevier	103475	-	2022	https://doi.org/10.1016/j.jddst.2022.103475

	biological applications. (Impact Factor: 3.9)							
8.	A Review on Biogenic Synthesis of Selenium Nanoparticles and Its Biological Applications (Impact Factor: 3.5)	Vijayakumar S, Chen J, Divya M, Durán-Lara EF, Prasannakumar M, Vaseeharan B.	Journal of Inorganic and Organometallic Polymers and Materials	Elsevier	1-6	-	2022	https://doi.org/10.1007/s10904-022-02366-1
9.	Protective effects of dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dabhl against ammonia induced immunotoxicity and oxidative stress in <i>Oreochromis mossambicus</i> . (Impact Factor: 4.5)	Gopi N, Iswarya A, Vijayakumar S, Jayanthi S, Nor SA, Velusamy P, Vaseeharan B	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	Elsevier	109379	-	2022	https://doi.org/10.1016/j.cbpc.2022.109379
10.	Swift synthesis of zinc oxide nanoparticles using unripe fruit extract of <i>Pergularia daemia</i> : An enhanced and eco-friendly control agent against Zika virus vector <i>Aedes aegypti</i> (Impact Factor: 3.10)	Ishwarya, R., Jayakumar, R., Govindan, T., Govindarajan, M., Alharbi, N.S., Kadaikunnan, S., Khaled, J.M., Nicoletti, M. and Vaseeharan, B	Acta Tropica	Elsevier	106489	-	2022	https://doi.org/10.1016/j.actatropica.2022.106489
11.	Volatile Organic Compounds as Potential Biomarkers for Noninvasive Disease Detection by Nanosensors: A Comprehensive Review. (Impact Factor: 6.5)	Velusamy, P., Su, C.H., Ramasamy, P., Arun, V., Rajnish, N., Raman, P., Baskaralingam, V., Senthil Kumar, S.M. and Gopinath, S.C	Critical Reviews in Analytical Chemistry	Taylor and Francis	1-12	-	2022	https://doi.org/10.1080/10408347.2022.2043145
12.	Dietary consumption of polypropylene microplastics alter the biochemical parameters and histological response in freshwater benthic mollusc <i>Pomacea paludosa</i> . (Impact Factor: 6.4)	Jeyavani, J., Sibiya, A., Gobi, N., Mahboob, S., Riaz, M.N. and Vaseeharan, B.	Environmental Research	Elsevier	113370	-	2022	https://doi.org/10.1016/j.envres.2022.113370
13.	Synthesis and characterization of cry protein coated zinc oxide nanocomposites and its assessment against bacterial biofilm and mosquito vectors (Impact Factor: 6.9)	Vinotha, V., Yazhiniprabha, M., Jeyavani, J. and Vaseeharan, B.,	International Journal of Biological Macromolecules	Elsevier	-	-	2022	https://doi.org/10.1016/j.ijbiomac.2022.03.165
14.	Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications	Sebastiammal, S., Fathima, A.S.L., Alarifi, S., Mahboob, S., Henry, J., Kavipriya, M.R., Govindarajan, M., Nicoletti, M. and Vaseeharan, B.,	Environmental Research	Elsevier	112979	210	2022	https://doi.org/10.1016/j.envres.2022.112979

	(Impact Factor: 6.4)							
15.	Comparative evaluation on the toxic effect of silver (Ag) and zinc oxide (ZnO) nanoparticles on different trophic levels in aquatic ecosystems: A review. (Impact Factor: 3.74)	Sibiya, A., Jeyavani, J., Santhanam, P., Preetham, E., Freitas, R. and Vaseeharan, B.,	Journal of Applied Toxicology	Wiley	-	-	2022	https://doi.org/10.1002/jat.4310
16.	Evaluating the structural and immune mechanism of Interleukin-6 for the investigation of Goat Milk peptides as potential treatments for COVID-19 (Impact Factor: 3.74)	Sundaresan Bhavaniramy, Ashokkumar Sibiya, Abdulaziz S Alothaim, Ayoub Al Othaim, Vanajothi Ramar, Alaguraj Veluchamy, Palanisamy Manikandan, Baskaralingam Vaseeharan	Journal of King Saud University-Science	Elsevier	101924	-	2022	https://doi.org/10.1016/j.jksus.2022.101924
17.	Synthesis and physicochemical characteristics of Ag-doped hydroxyapatite nanoparticles, and their potential biomedical applications (Impact Factor: 6.498)	Saleth Sebastiammal, Arul Sigamani Lesly Fathima, Saud Alarifi, Shahid Mahboob, Johnson Henry, MR Kavipriya, Marimuthu Govindarajan, Marcello Nicoletti, Baskaralingam Vaseeharan	Environmental Research	Elsevier	112979	-	2022	https://doi.org/10.1016/j.envres.2022.112979
18.	Toxicity evaluation of polypropylene microplastic on marine microcrustacean Artemia salina: An analysis of implications and vulnerability (Impact Factor: 7.086)	Jeyaraj Jeyavani, Ashokkumar Sibiya, Sundaresan Bhavaniramy, Shahid Mahboob, Khalid A Al-Ghanim, Zaib-un Nisa, Mian Nadeem Riaz, Marcello Nicoletti, Marimuthu Govindarajan, Baskaralingam Vaseeharan	Chemosphere	Elsevier	133990	-	2022	https://doi.org/10.1016/j.chemosphere.2022.133990
19.	Phytotherapy and combined nanoformulations as a promising disease management in aquaculture: a review. (Impact Factor: 2.23)	Jeyavani J, Sibiya A, Sivakamavalli J, Divya M, Preetham E, Vaseeharan B , Faggio C	Aquaculture International	Springer	1-6	-	2022	https://doi.org/10.1007/s10499-022-00848-0
20.	Molecular interaction analysis of β -1, 3 glucan binding protein with Bacillus licheniformis and evaluation of its immunostimulant property in Oreochromis mossambicus. (Impact Factor: 4.43)	Anjugam M, Iswarya A, Sibiya A, Selvaraj C, Singh SK, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Sivakamavalli J, Vaseeharan B	Fish & Shellfish Immunology	Elsevier	183-96	121	2022	https://doi.org/10.1016/j.fsi.2021.12.044
21.	β -1,3-Glucan binding protein-based silver nanoparticles enhance the wound	Iswarya A, Anjugam M, Gopi N, Shanthi S, Govindarajan M, Alharbi NS, Kadaikunnan S,	Microbial Pathogenesis	Academic Press	105360		2022	https://doi.org/10.1016/j.micpath.2021.105360

	healing potential and disease resistance in <i>Oreochromis mossambicus</i> against <i>Aeromonas hydrophilla</i> (Impact Factor: 3.6)	Alharbi MS, Sivakamavalli J, Vaseeharan B						
22.	The dietary supplementation of zinc oxide and selenium nanoparticles enhance the immune response in freshwater fish <i>Oreochromis mossambicus</i> against aquatic pathogen <i>Aeromonas hydrophilla</i> (Impact Factor: 3.7)	Yazhini Prabha M, Gopi N, Mahboob S, Al-Ghanim KA, Al-Misned F, Ahmed Z, Riaz MN, Sivakamavalli J, Govindarajan M, Vaseeharan B.	Journal of Trace Elements in Medicine and Biology	Elsevier	126878	69	2022	https://doi.org/10.1016/j.jtemb.2021.126878

2021

International: 17**Factor: 41.55****National: 00****Impact**

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
23.	Anti-Colon Cancer and Antibiofilm Activities of Green Synthesized ZnO Nanoparticles Using Natural Polysaccharide Almond Gum (<i>Prunus dulcis</i>) (Impact Factor: 3.4)	Vijayakumar S, Chen J, González-Sánchez ZI, Durán-Lara EF, Divya M, Shreema K, Hadem H, Mathammal R, Prasannakumar M, Vaseeharan B.	Journal of Cluster Science	Springer US	1-12		2021	https://doi.org/10.1007/s10876-021-02205-2
24.	Antibacterial greener silver nanoparticles synthesized using <i>Marsilea quadrifolia</i> extract and their eco-friendly evaluation against Zika virus vector, <i>Aedes aegypti</i> . (Impact Factor: 3.9)	Ishwarya R, Saravanan K, Selvaraj D, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Sivakamavalli J, Selvakumar T, Vaseeharan B	Green Processing and Synthesis	De Gruyter	742-755	10	2021	https://doi.org/10.1515/gps-2021-0070
25.	SARS-CoV-Spike Protein: Site-Specific Breakpoints for the Development of COVID-19 Vaccines (Impact Factor: 3.7)	Velusamy P, Kiruba K, Su CH, Arun V, Anbu P, Gopinath SC, Vaseeharan B	Journal of King Saud University-Science	Elsevier	101648		2021	https://doi.org/10.1016/j.jksus.2021.101648
26.	Evaluation of chemical compositions and antioxidant potential of marine microalgae of the genus <i>Nannochloropsis</i> (Impact Factor: 4.1)	Santhar DT, Haq MA, Marudhupandi T, Vaseeharan B, Rajan DK	Biomass Conversion and Biorefinery	Springer Berlin Heidelberg	1 - 7		2021	https://doi.org/10.1007/s13399-021-01929-5
27.	Biogenic synthesis of rod shaped ZnO nanoparticles using red paprika (<i>Capsicum annuum</i>)	Vijayakumar S, González-Sánchez ZI, Malaikozhundan B, Saravanakumar K, Divya M,	Journal of Cluster Science	Springer US	1129-1139	32	2021	https://doi.org/10.1007/s10876-020-01870-z

	L. var. Grossum (L.) sendt) and their in vitro evaluation	Vaseeharan B , Durán-Lara EF, Wang MH						
28.	Comprehensive analysis of SARS-COV-2 drug targets and pharmacological aspects in treating the COVID-19. (Impact Factor: 3.3)	Bhavanirama S, Ramar V, Vishnupriya S, Palaniappan R, Sibiya A, Vaseeharan B	Current Molecular Pharmacology	Europe PMC			2021	10.2174/1874467214666210811120635
29.	Interactive effects of freshwater acidification and selenium pollution on biochemical changes and neurotoxicity in <i>Oreochromis mossambicus</i> (Impact Factor: 3.2)	Gopi, N., Rekha, R., Vijayakumar, S., Liu, G., Monserrat, J.M., Faggio, C., Nor, S.A.M., Vaseeharan B	Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology	Elsevier	109161	250	2021	https://doi.org/10.1016/j.cbpc.2021.109161
30.	Antibacterial and antibiofilm activities of marine polysaccharide laminarin formulated gold nanoparticles: An ecotoxicity and cytotoxicity assessment	Vijayakumar S, Chen J, Kalaiselvi V, Divya M, González-Sánchez ZI, Durán-Lara EF, Vaseeharan B	Journal of Environmental Chemical Engineering	Elsevier	105514	9	2021	https://doi.org/10.1016/j.jece.2021.105514
31.	Ulvan loaded graphene oxide nanoparticle fabricated with chitosan and d-mannose for targeted anticancer drug delivery (Impact Factor: 3.98)	Kesavan S, Meena KS, Sharmili SA, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Alobaidi AS, Alanzi KF, Vaseeharan B	Journal of Drug Delivery Science and Technology	Elsevier	102760	65	2021	https://doi.org/10.1016/j.jddst.2021.102760
32.	Cytotoxicity, phytotoxicity, and photocatalytic assessment of biopolymer cellulose-mediated silver nanoparticles (Impact Factor: 5.3)	Vijayakumar S, Chen J, Amarnath M, Tungare K, Bhoori M, Divya M, González-Sánchez ZI, Durán-Lara EF, Vaseeharan B	Colloids and Surfaces A: Physicochemical and Engineering Aspects	Elsevier	127270	628	2021	https://doi.org/10.1016/j.colsurfa.2021.127270
33.	A Review on Aquatic Impacts of Microplastics and Its Bioremediation Aspects (Impact Factor: 6.3)	Jeyavani J, Sibiya A, Shanthini S, Ravi C, Vijayakumar S, RajanDK, Vaseeharan B	Current Pollution Reports	Springer International Publishing	286-299	7	2021	https://doi.org/10.1007/s40726-021-00188-2
34.	Shrimp lectin-conjugated copper sulfide nanoparticles enhance immune response and gene expression in <i>Etroplus suratensis</i> infected with <i>Aeromonas hydrophila</i> (Impact Factor: 1.08)	Elumalai P, RubeenaAS, Lakshmi S, Anbazhagan V, Arockiaraj J, Divya M, Vijayakumar S, Vaseeharan B	Aquaculture International	Springer International Publishing	1103-1120	29	2021	https://doi.org/10.1007/s10499-021-00679-5
35.	Bioactive compounds from various types of sea urchin and their therapeutic effects—A review.	Sibiya A, Jeyavani J, Sivakamavalli J, Ravi C, Divya M, Vaseeharan B	Regional Studies in Marine Science	Elsevier	101760	44	2021	https://doi.org/10.1016/j.rsma.2021.101760

	(Impact Factor: 1.18)							
36.	Biological Compound Capping of Silver Nanoparticle with the Seed Extracts of Blackcumin (<i>Nigella sativa</i>): A Potential Antibacterial, Antidiabetic, Anti-inflammatory, and Antioxidant. (Impact Factor: 1.18)	Vijayakumar S, Divya M, Vaseeharan B , Chen J, Biruntha M, Silva LP, Durán-Lara EF, Shreema K, Ranjan S, Dasgupta N	Journal of Inorganic and Organometallic Polymers and Materials	Springer US	624-635	31	2021	https://doi.org/10.1007/s10904-020-01713-4
37.	Identification of a Chitooligosaccharide mechanism against bacterial leaf blight on rice by in vitro and in silico studies	Siriwong S, Thepbandit W, Hoang NH, Papatoti NK, Teeranitayataru K, Saardngan T, Thumanu K, Bhavaniramy S, Vaseeharan B , Le Thanh T, Phansak P	International journal of molecular sciences	Multidisciplinary Digital Publishing Institute	7990	22	2021	https://doi.org/10.3390/ijms22157990
38.	Purification and partial characterization of carbohydrate-recognition protein C-type lectin from <i>Hemifusus pugilinus</i> (Impact Factor: 1.9)	Sivakamavalli J, Park K, Kwak IS, Vaseeharan B	Carbohydrate Research	Elsevier	108224	499	2021	https://doi.org/10.1016/j.carres.2020.108224

2020

International: 22
Factor: 59.616
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
39.	Photocatalytic, antiproliferative and antimicrobial properties of copper nanoparticles synthesized using <i>Manilkara zapota</i> leaf extract: A photodynamic approach (Impact Factor: 2.8)	Kiriyanthan RM, Sharmili SA, Balaji R, Jayashree S, Mahboob S, Al-Ghanim KA, Al-Misned F, Ahmed Z, Govindarajan M, Vaseeharan B	Photodiagnosis and Photodynamic Therapy	Elsevier	102058	32	2020	https://doi.org/10.1016/j.pdpdt.2020.102058
40.	The antibacterial, antibiofilm, antifogging and mosquitocidal activities of titanium dioxide (TiO ₂) nanoparticles green-synthesized using multiple plants extracts (Impact Factor: 4.3)	Achudhan D, Vijayakumar S, Malaikozhundan B, Divya M, Jothirajan M, Subbian K, González-Sánchez ZI, Mahboob S, Al-Ghanim KA, Vaseeharan B	Journal of Environmental Chemical Engineering	Elsevier	104521	8	2020	https://doi.org/10.1016/j.jece.2020.104521
41.	Biogenic synthesis of aromatic cardamom-wrapped zinc oxide nanoparticles and their potential antibacterial and mosquito larvicidal activity: An effective eco-	Vinotha V, Yazhini Prabha M, Raj DS, Mahboob S, Al-Ghanim KA, Al-Misned F, Govindarajan M, Vaseeharan B	Journal of Environmental Chemical Engineering	Elsevier	104466	8	2020	https://doi.org/10.1016/j.jece.2020.104466

	friendly approach (Impact Factor: 4.3)							
42.	Biogenic Preparation and Characterization of ZnO Nanoparticles from Natural Polysaccharide Azadirachta indica. L.(neem gum) and its Clinical Implications (Impact Factor:1.731)	Vijayakumar S, Divya M, Vaseeharan B , Ranjan S, Kalaiselvi V, Dasgupta N, Chen J, Durán-Lara EF	Journal of Cluster Science	Springer US	983-993	32	2020	https://doi.org/10.1007/s10876-020-01863-y
43.	Effect of curcumin sorbed selenite substituted hydroxyapatite on osteosarcoma cells: An in vitro study (Impact Factor: 2.734)	Dhatchayani S, Vijayakumar S, Sarala N, Vaseeharan B , Sankaranarayanan K	Journal of Drug Delivery Science and Technology	Elsevier	101963	60	2020	https://doi.org/10.1016/j.jddst.2020.101963
44.	Antibiofilm and immunological properties of lectin purified from shrimp Penaeus semisulcatus (Impact Factor: 3.298)	Preetham E, Lakshmi S, Wongpanya R, Vaseeharan B , Arockiaraj J, Olsen RE	Fish & Shellfish Immunology	Academic Press	776-782	106	2020	https://doi.org/10.1016/j.fsi.2020.07.053
45.	Identification and characterization of bioactive pigment carotenoids from shrimps and their biofilm inhibition (Impact Factor: 1.288)	Sivakamavalli J, Kiyun P, Iln-Sil K, Vaseeharan B	Journal of Food Processing and Preservation	Institute of Food Science + Technology	14728	44	2020	https://doi.org/10.1111/jfpp.14728
46.	Synthesis and Biophysical Characterization of Crustin Capped Zinc Oxide Nanoparticles, and Their Photocatalytic, Antibacterial, Antifungal and Antibiofilm Activity (Impact Factor: 1.731)	Rekha R, Mahboob S, Ramya AK, Kerthekeyan S, Govindarajan M, Al-Ghanim KA, Al-Misned F, Ahmed Z, Vaseeharan B	Journal of Cluster Science	Springer US	843-855	32	2020	https://doi.org/10.1007/s10876-020-01849-w
47.	Immunological and antibiofilm property of haemocyanin purified from grooved tiger shrimp (Penaeus semisulcatus): An in vitro and in silico approach (Impact Factor: 2.914)	Ishwarya R, Iswarya A, Thangaviji V, Sivakamavalli J, Esteban MA, Thangaraj MP, Vaseeharan B	Microbial Pathogenesis	Academic Press	104253	147	2020	https://doi.org/10.1016/j.micpath.2020.104253
48.	Chitosan-coated silver nanoparticles promoted antibacterial, antibiofilm, wound-healing of murine macrophages and antiproliferation of human breast cancer MCF 7 cells (Impact Factor: 3.275)	Parthasarathy A, Vijayakumar S, Malaikozhundan B, Thangaraj MP, Ekambaram P, Murugan T, Velusamy P, Anbu P, Vaseeharan B	Polymer Testing	Elsevier	106675	90	2020	https://doi.org/10.1016/j.polymertesting.2020.106675
49.	A review of South Indian medicinal plant has the ability	Divya M, Vijayakumar S, Chen J, Vaseeharan	Microbial Pathogenesis	Elsevier	104277	148	2020	10.1016/j.micpath.2020.104277

	to combat against deadly viruses along with COVID-19? (Impact Factor: 2.914)	B, Durán-Lara EF						
50.	Curcumin-encased hydroxyapatite nanoparticles as novel biomaterials for antimicrobial, antioxidant and anticancer applications: A perspective of nano-based drug delivery (Impact Factor: 2.734)	Sebastianmal S, Fathima AS, Devanesan S, AlSalhi MS, Henry J, Govindarajan M, Vaseeharan B	Journal of Drug Delivery Science and Technology	Elsevier	101752	57	2020	https://doi.org/10.1016/j.jddst.2020.101752
51.	High synergistic antibacterial, antibiofilm, antidiabetic and antimetabolic activity of Withania somnifera leaf extract-assisted zinc oxide nanoparticle (Impact Factor: 2.419)	Malaikozhundan B, Vinodhini J, Kalanjiam MA, Vinotha V, Palanisamy S, Vijayakumar S, Vaseeharan B , Mariyappan A	Bioprocesses and biosystems engineering	Springer Berlin Heidelberg	1533-1547	43	2020	https://doi.org/10.1007/s00449-020-02346-0
52.	Characterization and structural analysis of prophenoloxidase in mud crab Scylla serrata and discovering novel chemical inhibitors through virtual screening (Impact Factor: 2.081)	Sivakamavalli J, Chandrabose S, Singh SK, Vaseeharan B , Park K, Kwak IS	Structural Chemistry	Springer US	1-22		2020	https://doi.org/10.1007/s11224-020-01515-x
53.	Morphological and functional characterization of circulating hemocytes using microscopy techniques (Impact Factor: 2.117)	Sivakamavalli J, Park K, Kwak IS, Vaseeharan B	Microscopy research and technique	John Wiley & Sons, Inc.	736-743	83	2020	https://doi.org/10.1002/jemt.23463
54.	Nano biomedical potential of biopolymer chitosan-capped silver nanoparticles with special reference to antibacterial, antibiofilm, anticoagulant and wound dressing material (Impact Factor: 2.125)	Vijayakumar S, Malaikozhundan B, Parthasarathy A, Saravanakumar K, Wang MH, Vaseeharan B	Journal of Cluster Science	Springer US	355-366	31	2020	https://doi.org/10.1007/s10876-019-01649-x
55.	Purification of WAP domain-containing antimicrobial peptides from green tiger shrimp Peaneaus semisulcatus (Impact Factor: 2.581)	Sivakamavalli J, James RA, Park K, Kwak IS, Vaseeharan B	Microbial pathogenesis	Academic Press	103920	140	2020	https://doi.org/10.1016/j.micpath.2019.103920
56.	Green fabrication, characterization and antibacterial potential of zinc oxide nanoparticles using Aloe socotrina leaf	Fahimmunisha BA, Ishwarya R, AlSalhi MS, Devanesan S, Govindarajan M, Vaseeharan B	Journal of Drug Delivery Science and Technology	Elsevier	101465	55	2020	https://doi.org/10.1016/j.jddst.2019.101465

	extract: A novel drug delivery approach (Impact Factor: 2.606)							
57.	β -Glucan extracted from eukaryotic single-celled microorganism <i>Saccharomyces cerevisiae</i> : Dietary supplementation and enhanced ammonia stress tolerance on <i>Oreochromis mossambicus</i> (Impact Factor: 2.581)	Divya M, Gopi N, Iswarya A, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Almanaa TN, Vaseeharan B	Microbial pathogenesis	Academic Press	103917	139	2020	https://doi.org/10.1016/j.micpath.2019.103917
58.	Biopolymer K-carrageenan wrapped ZnO nanoparticles as drug delivery vehicles for anti MRSA therapy (Impact Factor: 4.784)	Vijayakumar S, Saravanakumar K, Malaikozhundan B, Divya M, Vaseeharan B , Durán-Lara EF, Wang MH	International journal of biological macromolecules	Elsevier	9-18	144	2020	https://doi.org/10.1016/j.ijbiomac.2019.12.030
59.	Antibiofilm and anticancer potential of β -glucan-binding protein-encrusted zinc oxide nanoparticles (Impact Factor: 2.581)	Divya M, Govindarajan M, Karthikeyan S, Preetham E, Alharbi NS, Kadaikunnan S, Khaled JM, Almanaa TN, Vaseeharan B	Microbial pathogenesis	Academic Press	103992	141	2020	https://doi.org/10.1016/j.micpath.2020.103992
60.	Isolation of β -glucan from <i>Eleusine coracana</i> and its antibiofilm, antidiabetic, antioxidant, and biocompatible activities (Impact Factor: 2.581)	Divya M, Karthikeyan S, Ravi C, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Almanaa TN, Vaseeharan B	Microbial pathogenesis	Academic Press	103955	140	2020	https://doi.org/10.1016/j.micpath.2019.103955

2019

International: 21
Factor: 72.825
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
61.	Organic-to-water dispersible Mn: ZnS-ZnS doped core-shell quantum dots: synthesis, characterization and their application towards optical bioimaging and a turn-off fluorosensor.	Selvaraj J, Mahesh A, Vaseeharan B , Dhayalan A, Paramasivam T	New Journal of Chemistry	Royal Society of Chemistry	11912-11925	43	2019	https://doi.org/10.1039/C9NJ02222H
62.	Novel and Facile Synthesis of Sea Anemone Adhesive Protein-Coated ZnO Nanoparticles: Antioxidant, Antibiofilm, and Mosquito Larvicidal Activity Against <i>Aedes aegypti</i>	Abinaya M, Rekha R, Sivakumar S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Alobaidi AS, Al-Anbr MN, Vaseeharan B	Journal of Cluster Science	Springer US	1393-1402	30	2019	https://doi.org/10.1007/s10876-019-01581-0
63.	Green synthesis and characterization of silver nanoparticles	Jenifer AA, Malaikozhundan B, Vijayakumar S, Anjugam M,	Journal of Cluster Science	Springer US	989-1002	31	2019	https://doi.org/10.1007/s10876-019-01704-7

	(AgNPs) using leaf extract of <i>Solanum nigrum</i> and assessment of toxicity in vertebrate and invertebrate aquatic animals (Impact Factor: 2.125)	Iswarya A, Vaseeharan B						
64.	Synthesis and characterization of zinc oxide nanoparticles using <i>Cynara scolymus</i> leaves: enhanced hemolytic, antimicrobial, antiproliferative, and photocatalytic activity (Impact Factor: 2.125)	Rajapriya M, Sharmili SA, Baskar R, Balaji R, Alharbi NS, Kadaikunnan S, Khaled JM, Alanzi KF, Vaseeharan B	Journal of Cluster Science	Springer US	791-801	31	2019	https://doi.org/10.1007/s10876-019-01686-6
65.	Effect of Amino Acid Substitution in the <i>Penaeus monodon</i> LGBP and Specificity Through Mutational Analysis (Impact Factor: 1.219)	Sivakamavalli J, Rubeena AS, Singh SK, Park K, Kwak IS, Vaseeharan B	International Journal of Peptide Research and Therapeutics	Springer Netherlands	1789-1801	26	2019	https://doi.org/10.1007/s10989-019-09960-x
66.	Anti-biofilm properties and immunological response of an immune molecule lectin isolated from shrimp <i>Metapenaeus monoceros</i> (Impact Factor: 3.29)	Preetham E, Rubeena AS, Vaseeharan B , Chaurasia MK, Arockiaraj J, Olsen RE	Fish & shellfish immunology	Academic Press	896-906	94	2019	https://doi.org/10.1016/j.fsi.2019.09.032
67.	Synthesis and characterization of crustin capped titanium dioxide nanoparticles: Photocatalytic, antibacterial, antifungal and insecticidal activities (Impact Factor: 4.06)	Rekha R, Divya M, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Pavela R, Vaseeharan B.	Journal of Photochemistry and Photobiology B: Biology	Elsevier	111620	199	2019	https://doi.org/10.1016/j.jphotobiol.2019.111620
68.	Garlic clove extract assisted silver nanoparticle–Antibacterial, antibiofilm, antihelminthic, anti-inflammatory, anticancer and ecotoxicity assessment (Impact Factor: 4.06)	Vijayakumar S, Malaikozhundan B, Saravanakumar K, Durán-Lara EF, Wang MH, Vaseeharan B	Journal of Photochemistry and Photobiology B: Biology	Elsevier	111558	198	2019	https://doi.org/10.1016/j.jphotobiol.2019.111558
69.	Bioinspired zinc oxide nanoparticles using <i>Lycopersicon esculentum</i> for antimicrobial and anticancer applications (Impact Factor: 2.125)	Vijayakumar S, Vaseeharan B , Sudhakaran R, Jeyakandan J, Ramasamy P, Sonawane A, Padhi A, Velusamy P, Anbu P, Faggio C	Journal of Cluster Science	Springer US	1465-1479	30	2019	https://doi.org/10.1007/s10876-019-01590-z
70.	Anti-cancer, antibiofilm, and anti-inflammatory properties of hen's	Carolyn JS, Raj DS, Malaikozhundan B, Govindarajan M, Alharbi NS,	Photodiagnosis and photodynamic	Elsevier	1-7	28	2019	https://doi.org/10.1016/j.jpdpdt.2019.07.026

	albumen: A photodynamic approach (Impact Factor: 2.589)	Kadaikunnan S, Khaled JM, Al-Anbr MN, Alobaidi AS, Vaseeharan B	therapy					
71.	New insecticides and antimicrobials derived from Sargassum wightii and Halimeda gracillis seaweeds: Toxicity against mosquito vectors and antibiofilm activity against microbial pathogens (Impact Factor: 1.5)	Suganya S, Ishwarya R, Jayakumar R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Vaseeharan B	South African Journal of Botany	Elsevier	466-480	125	2019	https://doi.org/10.1016/j.sajb.2019.08.006
72.	Protective activity of beta-1, 3-glucan binding protein against AAPH induced oxidative stress in Saccharomyces cerevisiae (Impact Factor: 4.784)	Iswarya A, Anjugam M, Shanthini S, Vaseeharan B	International journal of biological macromolecules	Elsevier	890-902	138	2019	https://doi.org/10.1016/j.ijbiomac.2019.07.130
73.	Facile synthesis of haemocyanin-capped zinc oxide nanoparticles: Effect on growth performance, digestive-enzyme activity, and immune responses of Penaeus semisulcatus (Impact Factor: 4.784)	Ishwarya R, Jayakumar R, Abinaya M, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Vaseeharan B	International journal of biological macromolecules	Elsevier	688-696	139	2019	https://doi.org/10.1016/j.ijbiomac.2019.07.216
74.	Chronic exposure of Oreochromis niloticus to sub-lethal copper concentrations: Effects on growth, antioxidant, non-enzymatic antioxidant, oxidative stress and non-specific immune responses (Impact Factor: 2.895)	Gopi N, Vijayakumar S, Thaya R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Vaseeharan B	Journal of Trace Elements in Medicine and Biology	Urban & Fischer	170-179	55	2019	https://doi.org/10.1016/j.jtemb.2019.06.011
75.	Synthesis of ZnO nanoparticles using insulin-rich leaf extract: anti-diabetic, antibiofilm and anti-oxidant properties (Impact Factor: 4.06)	Vinotha V, Iswarya A, Thaya R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Vaseeharan B	Journal of Photochemistry and Photobiology B: Biology	Elsevier	111541	197	2019	https://doi.org/10.1016/j.jphotobiol.2019.111541
76.	Enhanced antibacterial activity of hemocyanin purified from Portunus pelagicus hemolymph combined with silver nanoparticles– Intracellular uptake and mode of action (Impact Factor: 3.225)	Ishwarya R, Vaseeharan B, Shanthini S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN	Journal of Trace Elements in Medicine and Biology	Urban & Fischer	8-20	54	2019	https://doi.org/10.1016/j.jtemb.2019.03.005
77.	In vitro and in vivo	Yazhiniprabha M,	Materials	Elsevier	109763	103	2019	https://doi.org/10.1016/j.msec.2019.109

	toxicity assessment of selenium nanoparticles with significant larvicidal and bacteriostatic properties (Impact Factor: 5.08)	Vaseeharan B	Science and Engineering: C					763
78.	In-vitro dissolution and microbial inhibition studies on anticancer drug etoposide with β -cyclodextrin (Impact Factor: 5.08)	Arumugam SP, Balakrishnan SB, Ganesan V, Munisamy M, Kuppu SV, Narayanan V, Vaseeharan B , Jeyachandran S, Thambusamy S	Materials Science and Engineering: C	Elsevier	96-105	102	2019	https://doi.org/10.1016/j.msec.2019.04.033
79.	The role of lectins in finfish: a review(Impact Factor: 4.7)	Elumalai P, Rubeena AS, Arockiaraj J, Wongpanya R, Cammarata M, Ringø E, Vaseeharan B	Reviews in Fisheries Science & Aquaculture	Taylor & Francis	152-169	27	2019	https://doi.org/10.1080/23308249.2018.1520191
80.	In vitro and In vivo toxicity assessment of phytofabricated ZnO nanoparticles showing bacteriostatic effect and larvicidal efficacy against Culex quinquefasciatus (Impact Factor: 3.1)	Yazhiniprabha M, Vaseeharan B , Sonawane A, Behera A	Journal of Photochemistry and Photobiology B: Biology	Elsevier	158-169	192	2019	https://doi.org/10.1016/j.jphotobiol.2019.01.014
81.	Microbial exopolymer-capped selenium nanowires– Towards new antibacterial, antibiofilm and arbovirus vector larvicides? (Impact Factor: 3.1)	Abinaya M, Vaseeharan B , Rekha R, Shanthini S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN.	Journal of Photochemistry and Photobiology B: Biology	Elsevier	55-67	192	2019	https://doi.org/10.1016/j.jphotobiol.2019.01.009
82.	Antimicrobial and biochemical characterization of a C-type lectin isolated from pearl spot (Etroplus suratensis) (Impact Factor: 3.18)	Rubeena AS, Divya M, Vaseeharan B , Karthikeyan S, Ringø E, Preetham E	Fish & shellfish immunology	Academic Press	202-211	87	2019	https://doi.org/10.1016/j.fsi.2018.12.070

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International: 31

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S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
83.	Microwave assisted green synthesis of Hydroxyapatite nanorods using Moringa oleifera flower extract and its antimicrobial applications	Kalaiselvi V, Mathammal R, Vijayakumar S, Vaseeharan B	International journal of veterinary science and medicine	Taylor & Francis	286-295	6	2018	https://doi.org/10.1016/j.ijvsm.2018.08.003
84.	Modulation of quorum sensing-controlled virulence factors in Chromobacterium violaceum by selective amino acids (Impact Factor: 1.735)	Champalal L, Kumar US, Krishnan N, Vaseeharan B , Mariappanadar V, Raman P	FEMS microbiology letters	Oxford University Press	252	365	2018	https://doi.org/10.1093/femsle/fny252

85.	Cytotoxicity of phloroglucinol engineered silver (Ag) nanoparticles against MCF-7 breast cancer cell lines (Impact Factor: 2.210)	Kumar P, Yuvakkumar R, Vijayakumar S, Vaseeharan B	Materials chemistry and physics	Elsevier	402-408	220	2018	https://doi.org/10.1016/j.matchemphys.2018.08.074
86.	Modulation of innate immunity, expression of cytokine genes and disease resistance against <i>Aeromonas hydrophila</i> infection in goldfish (<i>Carassius auratus</i>) by dietary supplementation with <i>Exiguobacterium acetylicum</i> S01 (Impact Factor: 3.185)	Jinendiran S, Nathan AA, Ramesh D, Vaseeharan B , Sivakumar N.	Fish & shellfish immunology	Academic Press	458-469	84	2018	https://doi.org/10.1016/j.fsi.2018.10.026
87.	Molecular identification and structural characterization of marine endophytic actinomycetes <i>Nocardioopsis</i> sp. GRG 2 (KT 235641) and its antibacterial efficacy against isolated ESBL producing bacteria (Impact Factor: 2.332)	Rajivgandhi G, Ramachandran G, Maruthupandy M, Vaseeharan B , Manoharan N.	Microbial pathogenesis	Academic Press	138-148	126	2018	https://doi.org/10.1016/j.micpath.2018.10.014
88.	Crustin-capped selenium nanowires against microbial pathogens and Japanese encephalitis mosquito vectors—Insights on their toxicity and internalization (Impact Factor: 3.225)	Rekha R, Vaseeharan B , Vijayakumar S, Abinaya M, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN	Journal of Trace Elements in Medicine and Biology	Urban & Fischer	191-203	51	2018	https://doi.org/10.1016/j.jtemb.2018.10.017
89.	Structural characterization of <i>Bacillus licheniformis</i> Dab1 exopolysaccharide—antimicrobial potential and larvicidal activity on malaria and Zika virus mosquito vectors (Impact Factor: 2.8)	Abinaya M, Vaseeharan B , Divya M, Vijayakumar S, Govindarajan M, Alharbi NS, Khaled JM, Al-Anbr MN, Benelli G	Environmental Science and Pollution Research	Springer Berlin Heidelberg	18604-18619	25	2018	https://doi.org/10.1007/s11356-018-2002-6
90.	β -1, 3 glucan binding protein based selenium nanowire enhances the immune status of <i>Cyprinus carpio</i> and protection against <i>Aeromonas hydrophila</i> infection (Impact Factor: 3.185)	Iswarya A, Vaseeharan B , Anjugam M, Gobi N, Divya M, Faggio C	Fish & shellfish immunology	Academic Press	61-75	83	2018	https://doi.org/10.1016/j.fsi.2018.08.057
91.	Searching for crab-borne antimicrobial peptides: Crustin	Rekha R, Vaseeharan B , Ishwarya R,	Molecular immunology	Pergamon	396-408	101	2018	https://doi.org/10.1016/j.molimm.2018.07.024

	from Portunus pelagicus triggers biofilm inhibition and immune responses of Artemia salina against GFP tagged Vibrio parahaemolyticus Dahv2(Impact Factor: 3.188)	Anjugam M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Govindarajan M						
92.	Bioaccumulation, cytotoxicity and oxidative stress of the acute exposure selenium in Oreochromis mossambicus (Impact Factor: 3.974)	Gobi N, Vaseeharan B , Rekha R, Vijayakumar S, Faggio C	Ecotoxicology and environmental safety	Academic Press	147-159	162	2018	https://doi.org/10.1016/j.ecoenv.2018.06.070
93.	Investigation of antioxidant and anticancer potential of fucoidan from Sargassum polycystum (Impact Factor: 3.671)	Palanisamy S, Vinosha M, Manikandakrishna M, Anjali R, Rajasekar P, Marudhupandi T, Manikandan R, Vaseeharan B , Prabhu NM	International journal of biological macromolecules	Elsevier	151-161	116	2018	https://doi.org/10.1016/j.ijbiomac.2018.04.163
94.	Antibiofilm, anticancer and ecotoxicity properties of collagen based ZnO nanoparticles(Impact Factor: 2.943)	Vijayakumar S, Vaseeharan B	Advanced Powder Technology	Elsevier	2331-2345	29	2018	https://doi.org/10.1016/j.apt.2018.06.013
95.	Effect of β -1, 3 glucan binding protein based zinc oxide nanoparticles supplemented diet on immune response and disease resistance in Oreochromis mossambicus against Aeromonas hydrophila (Impact Factor: 3.148)	Anjugam M, Vaseeharan B , Iswarya A, Gobi N, Divya M, Thangaraj MP, Elumalai P.	Fish & shellfish immunology	Academic Press	247-259	76	2018	https://doi.org/10.1016/j.fsi.2018.03.012
96.	Antibiofilm effect of Nocardiosis sp. GRG 1 (KT235640) compound against biofilm forming Gram negative bacteria on UTIs (Impact Factor: 2.009)	Rajivgandhi G, Vijayan R, Maruthupandy M, Vaseeharan B , Manoharan N	Microbial pathogenesis	Academic Press	190-198	1198	2018	https://doi.org/10.1016/j.micpath.2018.03.011
97.	Sargassum wightii-synthesized ZnO nanoparticles—from antibacterial and insecticidal activity to immunostimulatory effects on the green tiger shrimp Penaeus semisulcatus (Impact Factor: 3.165)	Ishwarya R, Vaseeharan B , Subbaiah S, Nazar AK, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN	Journal of Photochemistry and Photobiology B: Biology	Elsevier	318-330	183	2018	https://doi.org/10.1016/j.jphotobiol.2018.04.049
98.	Phenoloxidase activation, antimicrobial, and antibiofilm properties of β -glucan binding	Divya M, Vaseeharan B , Anjugam M, Iswarya A, Karthikeyan S, Velusamy P,	International journal of biological macromolecules	Elsevier	864-873	114	2018	https://doi.org/10.1016/j.ijbiomac.2018.03.159

	protein from <i>Scylla serrata</i> crab hemolymph (Impact Factor: 3.67)	Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Vágvölgyi C						
99.	Bio-mining drugs from the sea: High antibiofilm properties of haemocyanin purified from the haemolymph of flower crab <i>Portunus pelagicus</i> (L.)(Decapoda: Portunidae) (Impact factor: 2.570)	Ishwarya R, Vaseeharan B , Jayakumar R, Ramasubramanian V, Govindarajan M, Alharbi NS, Khaled JM, Al-anbr MN, Benelli G.	Aquaculture	Elsevier	130-140	489	2018	https://doi.org/10.1016/j.aquaculture.2018.02.014
100.	Identification, characterization and immune response of prophenoloxidase from the blue swimmer crab <i>Portunus pelagicus</i> and its antibiofilm activity (Impact Factor: 3.67)	Jayanthi S, Vaseeharan B , Ishwarya R, Karthikeyan S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Vágvölgyi C	International journal of biological macromolecules	Elsevier	996-1007	113	2018	https://doi.org/10.1016/j.ijbiomac.2018.03.031
101.	Proteomics analysis of crude squid ink isolated from <i>Sepia esculenta</i> for their antimicrobial, antibiofilm and cytotoxic properties (Impact Factor: 2.009)	Kumar P, Kannan M, ArunPrasanna V, Vaseeharan B , Vijayakumar S	Microbial pathogenesis	Academic Press	345-350	116	2018	https://doi.org/10.1016/j.micpath.2018.01.039
102.	Biological synthesis of silver nanoparticles using β -1, 3 glucan binding protein and their antibacterial, antibiofilm and cytotoxic potential (Impact Factor: 2.009)	Anjugam M, Vaseeharan B , Iswarya A, Divya M, Prabhu NM, Sankaranarayanan K	Microbial pathogenesis	Academic Press	31-40	115	2018	https://doi.org/10.1016/j.micpath.2017.12.003
103.	Dietary supplementation of probiotic <i>Bacillus licheniformis</i> Dahb1 improves growth performance, mucus and serum immune parameters, antioxidant enzyme activity as well as resistance against <i>Aeromonas hydrophila</i> in tilapia <i>Oreochromis mossambicus</i> (Impact Factor: 3.148)	Gobi N, Vaseeharan B , Chen JC, Rekha R, Vijayakumar S, Anjugam M, Iswarya A	Fish & shellfish immunology	Academic Press	501-508	74	2018	https://doi.org/10.1016/j.fsi.2017.12.066
104.	Biopolymer gelatin-coated zinc oxide nanoparticles showed high antibacterial, antibiofilm and anti-angiogenic activity (Impact Factor: 2.673)	Divya M, Vaseeharan B , Abinaya M, Vijayakumar S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	211-218	178	2018	https://doi.org/10.1016/j.jphotobiol.2017.11.008
105.	Synthesis of chitosan-alginate	Thaya R, Vaseeharan B ,	Microbial pathogene	Academic Press	17-24	114	2018	https://doi.org/10.1016/j.micpath.2017.11.011

	microspheres with high antimicrobial and antibiofilm activity against multi-drug resistant microbial pathogens (Impact Factor: 2.009)	Sivakamavalli J, Iswarya A, Govindarajan M, Alharbi NS, Kadaikunnan S, Al-Anbr MN, Khaled JM, Benelli G	sis					
106.	Phosphine-free, highly emissive, water-soluble Mn: ZnSe/ZnS core-shell nanorods: synthesis, characterization, and in vitro bioimaging of HEK293 and HeLa cells	Selvaraj J, Mahesh A, Asokan V, Vaseeharan B , Dhayalan A, Paramasivam T	ACS Applied Nano Materials	American Chemical Society	371-383	1	2018	https://doi.org/10.1021/acsanm.7b00218
107.	Insecticidal activity of camphene, zerumbone and α -humulene from <i>Cheilocostus speciosus</i> rhizome essential oil against the Old-World bollworm, <i>Helicoverpa armigera</i> (Impact Factor: 3.743)	Benelli G, Govindarajan M, Rajeswary M, Vaseeharan B , Alyahya SA, Alharbi NS, Kadaikunnan S, Khaled JM, Maggi F	Ecotoxicology and environmental safety	Academic Press	781-786	148	2018	https://doi.org/10.1016/j.ecoenv.2017.11.044
108.	In vitro antagonistic activity and the protective effect of probiotic <i>Bacillus licheniformis</i> Dahb1 in zebrafish challenged with GFP tagged <i>Vibrio parahaemolyticus</i> Dahv2 (Impact Factor: 2.009)	Girija V, Malaikozhundan B, Vaseeharan B , Vijayakumar S, Gobi N, Herrera MD, Chen JC, Santhanam P	Microbial pathogenesis	Academic Press	274-280	114	2018	https://doi.org/10.1016/j.micpath.2017.11.058
109.	Colloidal gradated alloyed (Cu) ZnInS/ZnS Core/shell nanocrystals with tunable optical properties for live cell optical imaging.	Selvaraj J, Mahesh A, Vaseeharan B , Dhayalan A, Paramasivam	Chemistry Select	Chemistry Europe	5993-6008	3	2018	https://doi.org/10.1002/slct.201800742
110.	Swift fabrication of Ag nanostructures using a colloidal solution of <i>Holostemma adakodien</i> (Apocynaceae) – Antibiofilm potential, insecticidal activity against mosquitoes and non-target impact on water bugs (Impact Factor: 2.673)	Alyahya SA, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Mothana RA, Al-Anbr MN, Vaseeharan B , Ishwarya R, Yazhiniprabha M, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	70-79	181	2018	https://doi.org/10.1016/j.jphotobiol.2018.02.019
111.	High efficacy of (Z)- γ -bisabolene from the essential oil of <i>Galinsoga parviflora</i> (Asteraceae) as larvicide and oviposition deterrent against	Govindarajan M, Vaseeharan B , Alharbi NS, Kadaikunnan S, Khaled JM, Al-Anbr MN, Alyahya SA, Maggi F, Benelli G	Environmental Science and Pollution Research	Springer Berlin Heidelberg	10555-10566	25	2018	https://doi.org/10.1007/s11356-018-1203-3

	six mosquito vectors (Impact Factor: 2.741)							
112.	Facile green synthesis of zinc oxide nanoparticles using Ulva lactuca seaweed extract and evaluation of their photocatalytic, antibiofilm and insecticidal activity (Impact Factor: 2.673)	Ishwarya R, Vaseeharan B , Kalyani S, Banumathi B, Govindarajan M, Alharbi NS, Kadaikunnan S, Al-Anbr MN, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	249-258	178	2018	https://doi.org/10.1016/j.jphotobiol.2017.11.006
113.	Ecotoxicity of Musa paradisiaca leaf extract-coated ZnO nanoparticles to the freshwater microcrustacean Ceriodaphnia cornuta (Impact Factor: 1.427)	Vijayakumar S, Vaseeharan B , Malaikozhundan B, Divya M, Abhinaya M, Gobi N, Bhattacharyya A, Balashanmugam N, Surmista D, Murugan K, Benelli G.	Limnology	Urban & Fischer	1-6	67	2018	https://doi.org/10.1016/j.limno.2017.09.004
114.	Bacterial exopolysaccharide (EPS)-coated ZnO nanoparticles showed high antibiofilm activity and larvicidal toxicity against malaria and Zika virus vectors (Impact Factor: 3.2)	Abinaya M, Vaseeharan B , Divya M, Sharmili A, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Trace Elements in Medicine and Biology	Urban & Fischer	93-103	45	2018	https://doi.org/10.1016/j.jtemb.2017.10.002
115.	Molecular characterization and antibacterial investigation of marine endophytic actinomycetes Nocardioopsis sp. GRG 2 (KT 235641) compound against isolated ESBL producing bacteria.	Rajivgandhi G, Ramachandran G, Maruthupandy M, Senthil R, Vaseeharan B , Manoharan N	Microbial pathogenesis.	Elsevier Ltd			2018	

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S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
116.	Mosquito control with green nanopesticides: towards the One Health approach? A review of non-target effects (Impact Factor: 2.741)	Benelli G, Maggi F, Pavela R, Murugan K, Govindarajan M, Vaseeharan B , Petrelli R, Cappellacci L, Kumar S, Hofer A, Youssefi MR	Environmental Science and Pollution Research	Springer Berlin Heidelberg	10184-10206	25	2017	https://doi.org/10.1007/s11356-017-9752-4
117.	Bacillus thuringiensis coated zinc oxide nanoparticle and its biopesticidal effects on the pulse beetle, Callosobruchus maculatus (Impact Factor: 2.673)	Malaikozhundan B, Vaseeharan B , Vijayakumar S, Thangaraj MP	Journal of Photochemistry and Photobiology B: Biology	Elsevier	306-314	174	2017	https://doi.org/10.1016/j.jphotobiol.2017.08.014
118.	Synthesis and Characterization of Hydroxyapatite/Graphene Oxide for Biomedical Applications	Surendran D, Baskaralingam V , Sekar V, Natarajan S, Krishnasamy S	International Research Journal of Engineering and Technology			4	2017	

			gy (IRJET)					
119.	A study on β -glucan binding protein (β -GBP) and its involvement in phenoloxidase cascade in Indian white shrimp <i>Fenneropenaeus indicus</i> (Impact Factor: 3.236)	Anjugam M, Vaseeharan B , Iswarya A, Amala M, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Molecular immunology	Pergamon	1-11	92	2017	https://doi.org/10.1016/j.molimm.2017.09.013
120.	Two potential uses for silver nanoparticles coated with <i>Solanum nigrum</i> unripe fruit extract: biofilm inhibition and photodegradation of dye effluent (Impact Factor: 2.009)	Malaikozhundan B, Vijayakumar S, Vaseeharan B , Jenifer AA, Chitra P, Prabhu NM, Kannapiran E	Microbial pathogenesis	Academic Press	316-324	111	2017	https://doi.org/10.1016/j.micpath.2017.08.039
121.	Biopolymer zein-coated gold nanoparticles: synthesis, antibacterial potential, toxicity and histopathological effects against the Zika virus vector <i>Aedes aegypti</i> (Impact Factor: 2.673)	Suganya P, Vaseeharan B , Vijayakumar S, Balan B, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	404-411	173	2017	https://doi.org/10.1016/j.jphotobiol.2017.06.004
122.	Nanoparticles as effective acaricides against ticks—a review (Impact Factor: 3.230)	Benelli G, Maggi F, Romano D, Stefanini C, Vaseeharan B , Kumar S, Higuchi A, Alarfaj AA, Mehlhorn H, Canale A	Ticks and tick-borne diseases	Urban & Fischer	821-826	8	2017	https://doi.org/10.1016/j.jtbd.2017.08.004
123.	Exploitation of chemical, herbal and nanoformulated acaricides to control the cattle tick, <i>Rhipicephalus (Boophilus) microplus</i> —A review (Impact Factor: 2.356)	Banumathi B, Vaseeharan B , Rajasekar P, Prabhu NM, Ramasamy P, Murugan K, Canale A, Benelli G	Veterinary parasitology	Elsevier	102-110	244	2017	https://doi.org/10.1016/j.jvetpar.2017.07.021
124.	Eco-friendly fabrication of Ag nanostructures using the seed extract of <i>Pedaliium murex</i> , an ancient Indian medicinal plant: Histopathological effects on the Zika virus vector <i>Aedes aegypti</i> and inhibition of biofilm-forming pathogenic bacteria (Impact Factor: 2.673)	Ishwarya R, Vaseeharan B , Anuradha R, Rekha R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	133-143	174	2017	https://doi.org/10.1016/j.jphotobiol.2017.07.026
125.	A novel antimicrobial therapy for the control of <i>Aeromonas</i>	Vijayakumar S, Vaseeharan B , Malaikozhundan B, Gobi N, Ravichandran S,	Microbial pathogenesis	Academic Press	140-151	110	2017	https://doi.org/10.1016/j.micpath.2017.06.029

	hydrophila infection in aquaculture using marine polysaccharide coated gold nanoparticle (Impact Factor: 2.009)	Karthi S, Ashokkumar B, Sivakumar N						
126.	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 (Impact Factor: 1.47)	Banumathi B, Vaseeharan B, Chinnasamy T, Vijayakumar S, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Cluster Science	Springer US	2857-2872	28	2017	https://doi.org/10.1007/s10876-017-1263-4
127.	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 (Impact Factor: 4.152)	Iswarya A, Vaseeharan B, Anjugam M, Ashokkumar B, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Colloids and Surfaces B: Biointerfaces	Elsevier	257-269	158	2017	https://doi.org/10.1016/j.colsurfb.2017.06.035
128.	Role of purified β -1, 3 glucan binding protein (β -GBP) from Paratelphusa hydrodromus and their anti-inflammatory, antioxidant and antibiofilm properties (Impact Factor: 3.148)	Iswarya A, Anjugam M, Vaseeharan B	Fish & shellfish immunology	Academic Press	54-64	68	2017	https://doi.org/10.1016/j.fsi.2017.07.007
129.	Toxicity of Camellia sinensis-Fabricated Silver Nanoparticles on Invertebrate and Vertebrate Organisms: Morphological Abnormalities and DNA Damages (Impact Factor: 1.664)	Banumathi B, Vaseeharan B, Suganya P, Citarasu T, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Cluster Science	Springer	2027-2040	28	2017	https://doi.org/10.1007/s10876-017-1201-5
130.	Magnetic nanoparticles are highly toxic to chloroquine-resistant <i>Plasmodium falciparum</i> , dengue virus (DEN-2), and their mosquito vectors (Impact Factor: 2.027)	Murugan K, Wei J, Alsalthi M S, Nicoletti M, Paulpandi M, Samidoss C M, Dinesh D, Chandramohan B, Paneerselvam C, Subramaniam J, Vadivalagan C, Wei H, Amuthavalli P, Anitha J, Devanesan S, Higuchi A, Kumar S, Aziz A T, Nataraj D, Vaseeharan B, Canale A, Benelli	Parasitology research	Springer Berlin Heidelberg	495-502	116	2017	https://doi.org/10.1007/s00436-016-5310-0

131.	Toxicity of herbal extracts used in ethno-veterinary medicine and green-encapsulated ZnO nanoparticles against <i>Aedes aegypti</i> and microbial pathogens (Impact Factor: 2.027)	Banumathi B, Vaseeharan B , Ishwarya R, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Parasitology research	Springer Berlin Heidelberg	1637-1651	116	2017	https://doi.org/10.1007/s00436-017-5438-6
132.	Growth inhibition and antibiofilm potential of Ag nanoparticles coated with lectin, an arthropod immune molecule (Impact Factor: 3.035)	Jayanthi S, Shanthi S, Vaseeharan B , Gopi N, Govindarajan M, Alharbi NS, Kadaikunnan S, Khaled JM, Benelli G	Journal of Photochemistry and Photobiology B: Biology	Elsevier	208-216	170	2017	https://doi.org/10.1016/j.jphotobiol.2017.04.011
133.	Green-synthesized CdS nanoparticles: toxicity on young instars of malaria vectors and impact on enzymatic activities of the non-target mud crab <i>Scylla serrate</i> (Impact Factor: 3.451)	Sujitha V, Murugan K, Dinesh D, Pandiyan A, Aruliah R, Hwang JS, Kalimuthu K, Panneerselvam C, Higuchi A, Kumar S, Alarfaj AA, Vaseeharan B	Aquatic Toxicology	Elsevier	100-108	188	2017	https://doi.org/10.1016/j.aquatox.2017.04.015
134.	Control of biofilm forming clinically important bacteria by green synthesized ZnO nanoparticles and its ecotoxicity on <i>Ceriodaphnia cornuta</i> (Impact Factor: 1.888)	Vijayakumar S, Malaikozhundan B, Shanthi S, Vaseeharan B , Thajuddin N	Microbial pathogenesis	Academic Press	88-97	107	2017	https://doi.org/10.1016/j.micpath.2017.03.019
135.	Green larvicides against blowflies, <i>Lucilia sericata</i> (Diptera, Calliphoridae): Screening of seven plants used in Indian ethno-veterinary	Banumathi B, Vaseeharan B , Malaikozhundan B, Ramasamy P, Govindarajan M, Alharbi NS, Kadaikunnan S, Canale A, Benelli G	Physiological and molecular plant pathology	Academic Press	214-218	101	2017	https://doi.org/10.1016/j.pmpp.2017.02.003

	medicine and production of green-coated zinc oxide nanoparticles (Impact Factor: 1.371)							
136.	Therapeutic effects of gold nanoparticles synthesized using Musa paradisiaca peel extract against multiple antibiotic resistant Enterococcus faecalis biofilms and human lung cancer cells (A549) (Impact Factor: 1.888)	Vijayakumar S, Vaseeharan B , Malaikozhundan B, Gopi N, Ekambaram P, Pachiappan R, Velusamy P, Murugan K, Benelli G, Kumar RS, Suriyanarayanamoorthy M	Microbial pathogenesis	Academic Press	173-183	102	2017	https://doi.org/10.1016/j.micpath.2016.11.029
137.	Sargassum wightii-synthesized ZnO nanoparticles reduce the fitness and reproduction of the malaria vector Anopheles stephensi and cotton bollworm Helicoverpa armigera (Impact Factor: 1.888)	Murugan K, Roni M, Panneeselvam C, Suresh U, Rajaganesh R, Aruliah R, Mahyoub JA, Trivedi S, Rehman H, Al-Aoh HA, Kumar S, Vaseeharan B	Physiological and Molecular Plant Pathology	Academic Press	202-213	101	2017	https://doi.org/10.1016/j.pmpp.2017.02.004
138.	Synthesis and Distribution of Bioinspired Silver Nanoparticles Using Spirulina Extract for Control of Vibrio parahaemolyticus Infection in Aquaculture.	Palanisamy S, Anjali R, Rajasekar P, Kannapiran E, Vaseeharan B , Prabhu NM	Asian Journal of Chemistry	Asian Journal of Chemistry		29	2017	10.14233/ajchem.2017.20335
139.	Biological therapeutics of Pongamia pinnata coated zinc oxide nanoparticles against clinically important pathogenic bacteria, fungi and MCF-7 breast cancer cells (Impact	Malaikozhundan B, Vaseeharan B , Vijayakumar S, Pandiselvi K, Kalanjiam MA, Murugan K, Benelli G.	Microbial pathogenesis	Academic Press	268-277	104	2017	https://doi.org/10.1016/j.micpath.2017.01.029

	Factor: 1.888)							
140.	Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab <i>Portunus pelagicus</i> and their antibiofilm properties(Impact Factor: 3.025)	Jayanthi S, Ishwarya R, Anjugam M, Iswarya A, Karthikeyan S, Vaseeharan B	Fish & shellfish immunology	Academic Press	227-237	62	2017	https://doi.org/10.1016/j.fsi.2017.01.019
141.	Green Synthesized Silver Nanoparticles : Toxicity Against <i>Poecilia reticulata</i> Fishes and <i>Ceriodaphnia cornuta</i> Crustaceans (Impact Factor: 1.66)	Ishwarya R, Vaseeharan B , Shanthi S, Ramesh S, Manogari P, Dhanalakshmi K, Vijayakumar S, Benelli G	Journal of Cluster Science	Springer US	1-9		2017	10.1007/s10876-016-1126-4

2016

International: 19
Factor: 46.696
National: 06

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
142.	Molecular Cloning, Characterization and Expression Analysis of Prophenoloxidase Gene in Longlegged Spiny Lobster <i>Panulirus longipes</i>	Lin YC, Vaseeharan B , Ko CF, Huang CL, Chen JC	Journal of the Fisheries Society of Taiwan	Taiwan Fisheries Society	179-194	43	2016	10.29822/JFST.201609_43(3).0005
143.	Effect of Dietary Supplementation of ZnO Nanoparticles Based Diets on the Asian Catfish <i>Pangasius hypophthalmus</i>	Malaikozhundan B, Vaseeharan B , Kalanjiam MA, Vijayakumar S, Jeyasekar R, Chen JC	Journal of the Fisheries Society of Taiwan	Taiwan Fisheries Society	205-215	43	2016	10.29822/JFST.201609_43(3).0007
144.	Phenoloxidase an important constituent in crustacean immune system-a review	Vaseeharan B , Ishwarya R, Malaikozhundan B, Selvaraj D, Chen JC	Journal of the Fisheries Society of Taiwan	Taiwan Fisheries Society	217-227	43	2016	10.29822/JFST.201609_43(3).0008
145.	The Significance of β -glucan Binding Protein in Executing Immunity in Invertebrate	Iswarya A, Vaseeharan B , Anjugam M, Reka R, Ravi C, Prabha MY, Chen JC	Journal of the Fisheries Society of Taiwan	Taiwan Fisheries Society	285-295	43	2016	10.29822/JFST.201612_43(4).0006
146.	Involvement of Pattern Recognition Proteins in Invertebrate Immune System	Anjugam M, Vaseeharan B , Iswarya A, Divya M, Clara GS.	Journal of the Fisheries Society of Taiwan	Taiwan Fisheries Society	297-311	43	2016	10.29822/JFST.201612_43(4).0007
147.	Protective effects of chitosan against the hazardous effects of zinc oxide nanoparticle	Vijayakumar S, Malaikozhundan B, Gobi N, Vaseeharan B , Murthy C	Limnologia	Urban & Fischer	44-51	61	2016	https://doi.org/10.1016/j.limno.2016.09.007

	in freshwater crustaceans Ceriodaphnia cornuta and Moina micrura (Impact Factor: 1.403)							
148.	Oreochromis mossambicus diet supplementation with Psidium guajava leaf extracts enhance growth, immune, antioxidant response and resistance to Aeromonas hydrophila (Impact Factor: 3.025)	Gobi N, Ramya C, Vaseeharan B , Malaikozhundan B, Vijayakumar S, Murugan K, Benelli G	Fish & shellfish immunology	Academic Press	572-583	58	2016	https://doi.org/10.1016/j.fsi.2016.09.062
149.	Chitosan coated Ag/ZnO nanocomposite and their antibiofilm, antifungal and cytotoxic effects on murine macrophages (Impact Factor: 1.88)	Thaya R, Malaikozhundan B, Vijayakumar S, Sivakamavalli J, Jeyasekar R, Shanthi S, Vaseeharan B , Ramasamy P, Sonawane A.	Microbial pathogenesis	Academic Press	124-132	100	2016	https://doi.org/10.1016/j.micpath.2016.09.010
150.	Haemolytic and antibiofilm properties of haemocyanin purified from the haemolymph of Indian white shrimp Fenneropenaeus indicus (Impact Factor: 3.025)	Ishwarya R, Vaseeharan B , Iswarya A, Karthikeyan S	Fish & shellfish immunology	Academic Press	447-455	59	2016	https://doi.org/10.1016/j.fsi.2016.10.043
151.	Antibacterial and antibiofilm assessment of Momordica charantia fruit extract coated silvernanoparticle	Malaikozhundan B, Vaseeharan B , Vijayakumar S, Sudhakaran R, Gobi N, Shanthini G	Biocatalysis and Agricultural Biotechnology	Elsevier	189-196	8	2016	https://doi.org/10.1016/j.bcab.2016.09.007
152.	Acute toxicity of silver nanoparticles synthesized from Cissus quadrangularis in Poecilia reticulata larvae and its antibiofilm activity against gram positive & gram negative bacteria.	Shanthi S, Vaseeharan B	Fish & Shellfish Immunology	Academic Press	99	53	2016	
153.	Laurus nobilis leaf extract mediated green synthesis of ZnO nanoparticles: characterization and biomedical applications (Impact Factor: 2.32)	Vijayakumar S, Vaseeharan B , Malaikozhundan B, Shobiya M	Biomedicine & Pharmacotherapy	Elsevier Masson	1213-1222	84	2016	https://doi.org/10.1016/j.biopha.2016.10.038
154.	Antibiofilm Competency of Portunus pelagicus Haemolymph and Identification of its Bioactive Compounds (Impact Factor:1.3)	Anjugam M, Iswarya A, Indumathi T, Vaseeharan B , Pachaiappan R	J Aquac Res Development	Research Gate		7	2016	10.4172/2155-9546.1000444
155.	Host-guest molecular recognition based	Mohandoss S, Sivakamavalli J, Vaseeharan B ,	Sensors and Actuators	Elsevier	300-315	234	2016	https://doi.org/10.1016/j.snb.2016.04.148

	fluorescence On-Off-On chemosensor for nanomolar level detection of Cu ²⁺ and CrO ₇ ²⁻ ions: Application in XNOR logic gate and human lung cancer living cell imaging (Impact Factor:4.75)	Stalin T	B: Chemical					
156.	Assessment of biopolymer stabilized silver nanoparticle for their ecotoxicity on Ceriodaphnia cornuta and antibiofilm activity (Impact Factor:1.428)	Vijayakumar S, Malaikozhundan B, Ramasamy P, Vaseeharan B	Journal of environmental chemical engineering	Elsevier	2076-2083	4	2016	https://doi.org/10.1016/j.jece.2016.03.036
157.	GFP tagged Vibrio parahaemolyticus Dahv2 infection and the protective effects of the probiotic Bacillus licheniformis Dabh1 on the growth, immune and antioxidant responses in Pangasius hypophthalmus (Impact Factor:3.025)	Gobi N, Malaikozhundan B, Sekar V, Shanthi S, Vaseeharan B , Jayakumar R, Nazar AK	Fish & shellfish immunology	Academic Press	230-238	52	2016	https://doi.org/10.1016/j.fsi.2016.03.006
158.	Essential oils of Nigella sativa protects Artemia from the pathogenic effect of Vibrio parahaemolyticus Dahv2 (Impact Factor:3.025)	Manju S, Malaikozhundan B, Withyachumnarnkul B, Vaseeharan B	Journal of invertebrate pathology	Academic Press	43-49	136	2016	https://doi.org/10.1016/j.jip.2016.03.004
159.	Immune indices and identical functions of two prophenoloxidases from the haemolymph of green tiger shrimp Penaeus semisulcatus and its antibiofilm activity (Impact Factor:3.025)	Ishwarya R, Jayanthi S, Muthulakshmi P, Anjugam M, Jayakumar R, Nazar AK, Vaseeharan B	Fish & shellfish immunology	Academic Press	220-228	51	2016	https://doi.org/10.1016/j.fsi.2016.02.011
160.	Biosynthesis of silver nanoparticles using a probiotic Bacillus licheniformis Dabh1 and their antibiofilm activity and toxicity effects in Ceriodaphnia cornuta (Impact Factor: 1.88)	Shanthi S, Jayaseelan BD, Velusamy P, Vijayakumar S, Chih CT, Vaseeharan B	Microbial pathogenesis	Academic Press	70-77	93	2016	https://doi.org/10.1016/j.micpath.2016.01.014
161.	Tamarind seed coat ameliorates fluoride induced cytotoxicity, oxidative stress, mitochondrial dysfunction and apoptosis in A549	Ameeramja J, Panneerselvam L, Govindarajan V, Jeyachandran S, Vaseeharan B , Perumal E	Journal of hazardous materials	Elsevier	554-565	301	2016	https://doi.org/10.1016/j.jhazmat.2015.09.037

	cells (Impact Factor: 4.8)							
162.	In vitro acaricidal activity of ethnoveterinary plants and green synthesis of zinc oxide nanoparticles against <i>Rhipicephalus</i> (<i>Boophilus</i>) microplus (Impact Factor: 2.2)	Banumathi B, Malaikozhundan B, Vaseeharan B	Veterinary parasitology	Elsevier	93-100	216	2016	https://doi.org/10.1016/j.vetpar.2015.12.003
163.	Multifunctional role of β -1, 3 glucan binding protein purified from the haemocytes of blue swimmer crab <i>Portunus pelagicus</i> and in vitro antibacterial activity of its reaction product (Impact Factor: 3.025)	Anjugam M, Iswarya A, Vaseeharan B	Fish & shellfish immunology	Academic Press	196-205	48	2016	https://doi.org/10.1016/j.fsi.2015.11.023
164.	Antibacterial, antibiofilm and cytotoxic effects of <i>Nigella sativa</i> essential oil coated gold nanoparticles (Impact Factor: 1.88)	Manju S, Malaikozhundan B, Vijayakumar S, Shanthi S, Jaishabanu A, Ekambaram P, Vaseeharan B	Microbial pathogenesis	Academic Press	129-135	91	2016	https://doi.org/10.1016/j.micpath.2015.11.021
165.	Modeling of macromolecular proteins in prophenoloxidase cascade through experimental and computational approaches (Impact Factor: 1.429)	Sivakamavalli J, Selvaraj C, Singh SK, Vaseeharan B	Biotechnology and applied biochemistry	IUBMB Journals	779-788	63	2016	https://doi.org/10.1002/bab.1450
166.	In vitro and in silico studies on cell adhesion protein peroxinectin from <i>Fenneropenaeus indicus</i> and screening of heme blockers against activity (Impact Factor: 2.091)	Sivakamavalli J, Selvaraj C, Singh SK, Vaseeharan B	Journal of Molecular Recognition	Wiley Online Library	186-198	29	2016	https://doi.org/10.1002/jmr.2516

2015

International: 12
Factor: 26.971
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
167.	Fluorometric sensing of Pb ²⁺ and CrO ₄ ²⁻ ions through host-guest inclusion for human lung cancer live cell imaging (Impact Factor: 3.28)	Mohandoss S, Sivakamavalli J, Vaseeharan B , Stalin T	RSC advances	Royal Society of Chemistry	101802-101818	5	2015	https://doi.org/10.1039/C5RA17910F
168.	Isolation and identification of a novel fibrinolytic <i>Bacillus tequilensis</i>	Velusamy P, Pachaiappan R, Christopher M, Vaseeharan B .	The Journal of general and applied microbiology	Molecular and Cellular Biosciences Research	241-247	61	2015	https://doi.org/10.2323/jgam.61.241

	CWD-67 from dumping soils enriched with poultry wastes (Impact Factor:0.943)	Anbu P, So JS		Foundation				
169.	A report on medicinal plants used in ethno veterinary practices of Toda tribe in the Nilgiri hills. (Impact Factor:0.16)	Banumathi B, Vaseeharan B	Journal of Veterinary Science and Technology	OMICS Publishing Group	245	6	2015	
170.	Synthesis and characterization of chitosan-ZnO composite and its antibiofilm activity against aquatic bacteria (Impact Factor:1.257)	Vaseeharan B, Sivakamavalli J, Thaya R	Journal of Composite Materials	SAGE Publications	177-184	49	2015	
171.	Greener approach for synthesis of antibacterial silver nanoparticles using aqueous solution of neem gum (Azadirachta indica L.) (Impact Factor: 3.449)	Velusamy P, Das J, Pachaiappan R, Vaseeharan B, Pandian K.	Industrial crops and products	Elsevier	103-109	66	2015	https://doi.org/10.1016/j.indcrop.2014.12.042
172.	Plectranthus amboinicus leaf extract mediated synthesis of zinc oxide nanoparticles and its control of methicillin resistant Staphylococcus aureus biofilm and blood sucking mosquito larvae (Impact Factor: 2.098)	Vijayakumar S, Vinoj G, Malaikozhundan B, Shanthi S, Vaseeharan B	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	Elsevier	886-891	137	2015	https://doi.org/10.1016/j.saa.2014.08.064
173.	N-hexanoyl-L-homoserine lactone-degrading Pseudomonas aeruginosa PsDAHP1 protects zebrafish against Vibrio parahaemolyticus infection (Impact Factor: 3.025)	Vinoj G, Jayakumar R, Chen JC, Withyachumnarnkul B, Shanthi S, Vaseeharan B	Fish & shellfish immunology	Academic Press	204-212	42	2015	https://doi.org/10.1016/j.fsi.2014.10.033
174.	Purification and characterization of a cysteine-rich 14-kda antibacterial peptide from the granular hemocytes of mangrove crab episesarma tetragonum and its antibiofilm activity (Impact Factor: 1.429)	Sivakamavalli J, Nirosha R, Vaseeharan B	Applied biochemistry and biotechnology	Springer US	1084-1101	176	2015	https://doi.org/10.1007/s12010-015-1631-1
175.	Molecular cloning, relative expression, and structural analysis of pattern recognition molecule β -glucan binding protein from mangrove crab Episesarma tetragonum (Impact Factor: 1.35)	Sivakamavalli J, Selvaraj C, Singh SK, Vaseeharan B	Biotechnology and applied biochemistry	IUBMB Journals	416-423	62	2015	https://doi.org/10.1002/bab.1273

176.	Survey on Penaeidae shrimp diversity and exploitation in south east coast of India	Rajakumaran P, Vaseeharan B	Fisheries and Aquaculture Journal	Aston Journals	1	5	2015	http://dx.doi.org/10.4172/2150-3508.1000103
177.	Enzymatic elucidation of haemocyanin from Kuruma shrimp <i>Marsupenaeus japonicus</i> and its molecular recognition mechanism towards pathogens (Impact Factor: 4.99)	Sivakamavalli J, Vaseeharan B	Journal of Biomolecular Structure and Dynamics	Taylor & Francis	1302-1314	33	2015	https://doi.org/10.1080/07391102.2014.945485
178.	In vitro cytotoxic effects of gold nanoparticles coated with functional acyl homoserine lactone lactonase protein from <i>Bacillus licheniformis</i> and their antibiofilm activity against <i>Proteus</i> species.	Vinoj G, Pati R, Sonawane A, Vaseeharan B	Antimicrobial agents and chemotherapy	American Society for Microbiology	763-771	59	2015	https://doi.org/10.1128/AAC.03047-14
179.	Homology modeling, molecular dynamics, and docking studies of pattern-recognition transmembrane protein-lipopolysaccharide and β -1,3 glucan-binding protein from <i>Fenneropenaeus indicus</i> (Impact Factor: 4.99)	Sivakamavalli J, Tripathi SK, Singh SK, Vaseeharan B	Journal of Biomolecular structure and Dynamics	Taylor & Francis	1269-1280	33	2015	https://doi.org/10.1080/07391102.2014.943807

2014

International: 19
Factor: 44.273
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
180.	Essential oil of <i>Nigella sativa</i> based synthesis of silver nanoparticles and its effect on pathogenic <i>Vibrio harveyi</i> and <i>Vibrio parahaemolyticus</i> isolated from aquatic environments.	Sivalingam M, Balasubramanian M, Chen J, Vaseeharan B	Journal of The Fisheries Society of Taiwan	Fisheries Society of Taiwan	123-134	41	2014	http://dx.doi.org/10.29822%2fJFST.201406_41(2).0005
181.	Effect of Guar (<i>Cyamopsis tetragonolobus</i>) Meal Based Diets on Growth Performance and Feed Utilization in Asian Catfish, <i>Pangasianodon hypophthalmus</i> Fingerlings	Kalanjiam MA, Malaikozhundan B, Girija V, Gobi N, Vaseeharan B	J. Fish. Soc. Taiwan		135-144	41	2014	
182.	Discrete Nanoparticles of <i>Ruta Graveolens</i> Induces the Bacterial and	Sivakamavalli J, Deepa O, Vaseeharan B	Cell communication & adhesion	Taylor & Francis	229-238	21	2014	https://doi.org/10.3109/15419061.2014.926476

	Fungal Biofilm Inhibition (Impact Factor: 1.867)							
183.	Examine the characterization of biofilm formation and inhibition by targeting SrtA mechanism in <i>Bacillus subtilis</i> : a combined experimental and theoretical study (Impact Factor: 1.867)	Selvaraj C, Sivakamavalli J, Vaseeharan B , Singh P, Singh SK.	Journal of molecular modeling	Springer Berlin Heidelberg	1 15	20	2014	https://doi.org/10.1007/s00894-014-2364-8
184.	Quorum-Quenching Activity of the AHL-Lactonase from <i>Bacillus licheniformis</i> DAHB1 Inhibits <i>Vibrio</i> Biofilm Formation In Vitro and Reduces Shrimp Intestinal Colonisation and Mortality (Impact Factor: 2.7)	Vinoj G, Vaseeharan B , Thomas S, Spiers AJ, Shanthi S	Marine Biotechnology	Springer US	707 715	16	2014	10.1007/s10126-014-9585-9
185.	Conformation of phylogenetic relationship of Penaeidae shrimp based on morphometric and molecular investigations (Impact Factor: 0.28)	Rajakumaran P, Vaseeharan B , Jayakumar R, Chidambara R.	Cytology and genetics	Allerton Press	357 363	48	2014	https://doi.org/10.3103/S0095452714060103
186.	Molecular Cloning of Peroxinectin Gene and Its Expression in Response to Peptidoglycan and <i>Vibrio Harveyi</i> in Indian White Shrimp <i>Fenneropenaeus Indicus</i> (Impact Factor: 1.955)	Shanthi S, Manju S, Rajakumaran P, Vaseeharan B .	Cell communication & adhesion	Taylor & Francis	281 289	21	2014	https://doi.org/10.3109/15419061.2014.943396
187.	Medicinal plant derivatives as immunostimulants: an alternative to chemotherapeutics and antibiotics in aquaculture (Impact Factor-1.04)	Vaseeharan B , Thaya R	Aquaculture International	Springer International Publishing	1079 1091	22	2014	https://doi.org/10.1007/s10499-013-9729-3
188.	Variations in biochemical and histological characteristics of WSSV infected green tiger shrimp <i>Penaeus semisulcatus</i> (Impact Factor: 1.630)	Sivakamavalli J, Vaseeharan B	Journal of Receptors and Signal Transduction	Taylor & Francis	386 395	34	2014	https://doi.org/10.3109/10799893.2014.904874
189.	Structural elucidation of SrtA enzyme in <i>Enterococcus faecalis</i> : an emphasis on screening of potential inhibitors	Selvaraj C, Sivakamavalli J, Vaseeharan B , Singh P, Singh SK	Molecular BioSystems	Royal Society of Chemistry	1775 1789	10	2014	https://doi.org/10.1039/C3MB70613C

	against the biofilm formation (Impact Factor: 3.35)							
190.	Bifunctional role of a pattern recognition molecule β -1, 3 glucan binding protein purified from mangrove crab <i>Episesarma tetragonum</i> (Impact Factor: 2.669)	Sivakamavalli J, Vaseeharan B	Journal of invertebrate pathology	Academic Press	25 31	119	2014	https://doi.org/10.1016/j.jip.2014.02.013
191.	Purification, characterization and functional role of lectin from green tiger shrimp <i>Penaeus semisulcatus</i> (Impact Factor: 2.37)	Sivakamavalli J, Vaseeharan B	International journal of biological macromolecules	Elsevier	64 70	67	2014	https://doi.org/10.1016/j.ijbiomac.2014.03.008
192.	Topical application of zinc oxide nanoparticles reduces bacterial skin infection in mice and exhibits antibacterial activity by inducing oxidative stress response and cell membrane disintegration in macrophages (Impact Factor: 6.93)	Pati R, Mehta RK, Mohanty S, Padhi A, Sengupta M, Vaseeharan B, Goswami C, Sonawane A	Nanomedicine: Nanotechnology, Biology and Medicine	Elsevier	1195 1208	10	2014	https://doi.org/10.1016/j.nano.2014.02.012
193.	Virtual Screening of LPXTG competitive SrtA inhibitors targeting signal transduction mechanism in <i>Bacillus anthracis</i> : A combined experimental and theoretical study. (Impact Factor: 1.630)	Selvaraj C, Sivakamavalli J, Vaseeharan B, Singh SK	J Recept Signal Transduct Res	Informa health care	221	232	2014	https://doi.org/10.3109/10799893.2013.876044
194.	Interaction investigations of crustacean β -GBP recognition toward pathogenic microbial cell membrane and stimulate upon prophenoloxidase activation (Impact Factor: 3.006)	Sivakamavalli J, Selvaraj C, Singh SK, Vaseeharan B	Journal of Molecular Recognition	Wiley Online Library	173 183	27	2014	https://doi.org/10.1002/jmr.2348
195.	Alpha 2 macroglobulin gene and their expression in response to GFP tagged <i>Vibrio parahaemolyticus</i> and WSSV pathogens in Indian white shrimp <i>Fenneropenaeus indicus</i> (Impact factor- 2.009)	Shanthi S, Vaseeharan B	Aquaculture	Elsevier	48 54	418	2014	https://doi.org/10.1016/j.aquaculture.2013.10.003
196.	Green fluorescent protein visualization of <i>Vibrio</i>	Vinoj G, Vaseeharan B, Brennan G	Aquaculture Research	Wiley Online Library	1989- 1999	45	2014	https://doi.org/10.1111/are.12147

	parahaemolyticus infections in Indian white shrimp Fenneropenaeus indicus (H Milne Edwards) (Impact Factor-1.42)							
197.	Exploration of protein-protein interaction effects on α -2-macroglobulin in an inhibition of serine protease through gene expression and molecular simulations studies (Impact Factor-4.986)	Sivakamavalli J, Selvaraj C, Singh SK, Vaseeharan B	Journal of Biomolecular Structure and Dynamics	Taylor & Francis	1841-1854	32	2014	https://doi.org/10.1080/07391102.2013.838909
198.	In vitro cytotoxic effects of gold nanoparticles coated with functional AHL Lactonase protein from Bacillus licheniformis and its antibiofilm activity against Proteus species (Impact Factor: 4.476)	Vinoj G, Pati R, Sonawane A, Vaseeharan B	Antimicrobial Agents and Chemotherapy	American Society for Microbiology Journals		59	2014	10.1128/AAC.03047-14
2013								
International: 09								
Factor: 11.607								
National: 01								
Impact								
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
199.	Improvement on dissolution rate of inclusion complex of Rifabutin drug with β -cyclodextrin (Impact Factor: 2.37)	Priya AS, Sivakamavalli J, Vaseeharan B , Stalin T	International journal of biological macromolecules	Elsevier	472-480	62	2013	https://doi.org/10.1016/j.ijbiomac.2013.09.006
200.	Influence of acute salinity changes on biochemical, hematological and immune characteristics of Fenneropenaeus indicus during white spot syndrome virus challenge (Impact factor- 1.545)	Vaseeharan B , Ramasamy P, Wesley SG, Chen JC	Microbiology and immunology	Wiley Online Library	463-469	57	2013	https://doi.org/10.1111/1348-0421.12057
201.	Purification, characterization and functional analysis of a novel β -1, 3-glucan binding protein from green tiger shrimp Penaeus semisulcatus (Impact factor- 2.96)	Sivakamavalli J, Vaseeharan B	Fish & shellfish immunology	Academic Press	689-696	35	2013	https://doi.org/10.1016/j.fsi.2013.05.017
202.	Vibriostatic effects of probiotic Bacillus licheniformis Dabh1 and its molecular phylogeny resolved through RAPD markers (Impact	Jayaseelan BD, Vaseeharan B , Maharajan A, Shanthi S, Vinoj G	Annals of microbiology	BioMed Central	1601-1609	63	2013	https://doi.org/10.1007/s13213-013-0623-z

	Factor-1.232)							
203.	In vitro Studies on Cellular Mediated Immune Response in Haemocytes of Crab "Episesarma tetragonum"	Sivakamavalli J, Rajakumaran P, Vaseeharan B	International Journal of Molecular Zoology		24-31	3	2013	10.5376/ijmz.2013.03.0007
204.	An overview of facile green biogenic synthetic routes and applications of platinum nanoparticles	Isaac R, Gobalakrishnan S, Rajan G, Wu RJ, Pamanji SR, Khagga M, Vaseeharan B , Chavali M	Advanced Science, Engineering and Medicine	American Scientific Publishers	763-770	5	2013	https://doi.org/10.1166/asem.2013.1377
205.	Inhibitory effects of Bacillus licheniformis (DAB1) and Pseudomonas aeruginosa (DAP1) against Vibrio parahaemolyticus isolated from Fenneropenaeus indicus (Impact Factor-1.04)	Vinoj G, Vaseeharan B , David Jayaseelan B, Rajakumaran P, Ravi C	Aquaculture International	Springer Netherlands	1-15		2013	https://doi.org/10.1007/s10499-012-9617-2
206.	Molecular cloning, characterization and expression of serine proteinase homolog from the hemocytes of Indian white shrimp Fenneropenaeus indicus.	Shanthi S, Vaseeharan B .	Fish and Shellfish Immunology		1736	6	2013	10.1016/j.fsi.2013.03.307
207.	Molecular characterization of economically important penaeid population in South East Coast of India	Rajakumaran P, Vaseeharan B , Yeshvatha VA	International Journal of Aquaculture			3	2013	10.5376/ija.2013.03.0019
208.	Molecular markers and their application in genetic diversity of penaeid shrimp (Impact Factor-1.04)	Vaseeharan B , Rajakamaran P, Jayaseelan D, Vincent AY	Aquaculture international	Springer Netherlands	219-241	21	2013	https://doi.org/10.1007/s10499-012-9582-9
209.	Inhibitory activity of essential oils from medicinal plants against Pseudomonas sp. isolated from aquatic environments (Impact factor 1.42)	Vaseeharan B , Sivalingam M, Palaniappan R	Aquaculture Research	Wiley Online Library	97-105	45	2013	https://doi.org/10.1111/j.1365-2109.2012.03208.x

2012

International: 09
Factor: 12.382
National: 03

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
210.	Protective effect of ferulic acid and resveratrol against alloxan-induced diabetes in mice (Impact factor-2.59)	Ramar M, Manikandan B, Raman T, Priyadarsini A, Palanisamy S, Velayudam M, Munusamy A, Prabhu NM, Vaseeharan B	European Journal of Pharmacology	Elsevier	226-235	690	2012	https://doi.org/10.1016/j.ejphar.2012.05.019
211.	cDNA cloning, characterization	Vaseeharan B	Comparative	Pergamon	74-81	163	2012	https://doi.org/10.1016/j.cbpa.2012.05.185

	and expression of lipopolysaccharide and β -1, 3-glucan binding protein (LGBP) gene from the Indian white shrimp <i>Fenneropenaeus indicus</i> (Impact Factor-2.235)		Biochemistry and Physiology Part A: Molecular & Integrative Physiology					
212.	Prophenoloxidase and immune indices of Indian white shrimp <i>Fenneropenaeus indicus</i> . (Impact Factor-0.62)	Sivakamavalli J, Rajakumaran P, Vaseeharan B	Journal of Aquaculture Research and Development	OMICS Publishing Group	148	3	2012	
213.	In silico analysis of lipopolysaccharide and β -1, 3-glucan binding protein (LGBP) gene from the haemocytes of Indian white shrimp <i>Fenneropenaeus indicus</i>	Sivakamavalli J, Vaseeharan B , Shanthi S, Prabhu NM, Manikandan R, Ravi C, Anand TP	Research in Biotechnology		26-36	3	2012	
214.	Molecular cloning, sequence analysis and expression of Fein-Penaedin from the haemocytes of Indian white shrimp <i>Fenneropenaeus indicus</i>	Vaseeharan B , Shanthi S, Chen JC, Espineira M	Results in immunology	Elsevier	35-43	2	2012	https://doi.org/10.1016/j.rinim.2012.02.001
215.	Green synthesis of silver nanoparticles through <i>Calotropis gigantea</i> leaf extracts and evaluation of antibacterial activity against <i>Vibrio alginolyticus</i>	Vaseeharan B , Sargunar CG, Lin YC, Chen JC	Nanotechnology development		12-16	2	2012	http://dx.doi.org/10.4081/nd.2012.e3
216.	Antibacterial effect of green synthesized silver nanoparticles against vibrio sp. isolated from broiler chicken	Malaikannan L, Marimuthu PN, Ramar M, Vaseeharan B .	J Adv Sci Res		51-54	3	2012	
217.	Diabetes Diagnostic Challenges and Holistic Type of Management-A Review (Impact Factor: 0.23)	Prabhu NM, Vaseeharan B , Manikandan R, Devi K	Inventi Rapid: Diabetes	Inventi Journals (P) Ltd	195	2	2012	
218.	Gestational Diabetes Mellitus: Complications and its Management-A Review (Impact Factor: 0.3)	Rajagopalan Girijakumari N, Narayanan Marimuthu P, Ramar M, Vaseeharan B	Journal of Current Research in Ayurvedic and Pharmaceutical Sciences	International Journal of Ayurvedic and Herbal Medicine			2012	
219.	Biosynthesis of silver nanoparticles by <i>Cissus quadrangularis</i> extracts (Impact factor 2.307)	Valli JS, Vaseeharan B	Materials Letters	North-Holland	171-173	82	2012	https://doi.org/10.1016/j.matlet.2012.05.040

220.	cDNA cloning, characterization and expression analysis of a novel antimicrobial peptide gene penaeidin-3 (Fi-Pen3) from the haemocytes of Indian white shrimp Fenneropenaeus indicus (Impact factor 2.308)	Shanthi S, Vaseeharan B	Microbiological research	Urban & Fischer	127-134	167	2012	https://doi.org/10.1016/j.micres.2011.07.003
221.	Synergistic anticancer activity of curcumin and catechin: An in vitro study using human cancer cell lines (Impact factor 1.792)	Manikandan R, Beulaja M, Arulvasu C, Sellamuthu S, Dinesh D, Prabhu D, Babu G, Vaseeharan B, Prabhu NM	Microscopy research and technique	Wiley Subscription Services, Inc.,	112-116	75	2012	https://doi.org/10.1002/jemt.21032

2011

International: 05

Impact

Factor: 9.327

National: 02

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
222.	Effect of copper on morphology, weight, and chromosomal aberrations in the spiny lobster, <i>Panulirus homarus</i> (Linnaeus, 1758) (Impact factor 1.923)	Maharajan A, Vaseeharan B, Rajalakshmi S, Vijayakumaran M, Kumarasamy P, Chen JC	Biological trace element research	Humana Press Inc	769-780	144	2011	https://doi.org/10.1007/s12011-011-9110-1
223.	Shell-bound iron dependant nitric oxide synthesis in encysted <i>Artemia parthenogenetica</i> embryos during hydrogen peroxide exposure (Impact factor 3.172)	Veeramani S, Vaseeharan B	Biometals	Springer Netherlands	1035-1044	24	2011	10.1007/s10534-011-9462-1
224.	In silico Homology Modeling of Prophenoloxidase activating factor Serine Proteinase Gene from the Haemocytes of <i>Fenneropenaeus indicus</i> .	Vaseeharan B, Valli SJ	Journal of Proteomics & Bioinformatics		53-57	4	2011	10.4172/jpb.1000166
225.	A novel clip domain serine proteinase (SPs) gene from the haemocytes of Indian white shrimp <i>Fenneropenaeus indicus</i> : molecular cloning, characterization and expression analysis. (Impact factor 2.96)	Vaseeharan B, Shanthi S, Prabhu NM	Fish & shellfish immunology	Europe PMC	980-985	30	2011	10.1016/j.fsi.2011.01.027
226.	Antibacterial activity of <i>Allium sativum</i> against multidrug-resistant <i>Vibrio harveyi</i> isolated from black gill-diseased	Vaseeharan B, Prasad GS, Ramasamy P, Brennan G	Aquaculture international	Springer Netherlands	531-539	19	2011	https://doi.org/10.1007/s10499-010-9369-9

	Fenneropenaeus indicus (Impact factor 2.96)							
2010								
International: 03								Impact
Factor: 4.837								
National: 00								
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
227.	Antibacterial activity of silver nanoparticles (AgNps) synthesized by tea leaf extracts against pathogenic <i>Vibrio harveyi</i> and its protective efficacy on juvenile <i>Fenneropenaeus indicus</i> (Impact factor: 1.647)	Vaseeharan B, Ramasamy P, Chen JC	Letters in applied microbiology	Blackwell Publishing Ltd	352-356	50	2010	https://doi.org/10.1111/j.1472-765X.2010.02799.x
228.	Isolation and characterization of pharmaceutically important fungal microflora from <i>penaeus monodon</i> culture system (Impact factor: 0.23)	Vaseeharan B, Ramasamy P, Srinivasan P, Manikandan R, Arulvasu C, Prabhu NM	Inventi Impact: Pharm Tech	Inventi Journals (P) Ltd	156-160	3	2010	
229.	Molecular cloning of mud crab <i>Scylla serrata</i> peroxinectin and its expression following <i>Vibrio alginolyticus</i> and peptidoglycan injections. (Impact factor: 2.96)	Lin YC, Vaseeharan B, Chen JC	Fish & shellfish immunology	Europe PMC	205-211	28	2010	10.1016/j.fsi.2009.09.004
2008								
International: 04								Impact
Factor: 10.77								
National: 00								
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
230.	Molecular cloning and phylogenetic analysis on α 2-macroglobulin (α 2-M) of white shrimp <i>Litopenaeus vannamei</i> (Impact factor: 3.24)	Lin YC, Vaseeharan B, Chen JC	Developmental & Comparative Immunology	Pergamon	317-329	32	2008	https://doi.org/10.1016/j.dci.2007.07.002
231.	Identification and phylogenetic analysis on lipopolysaccharide and β -1, 3-glucan binding protein (LGBP) of kuruma shrimp <i>Marsupenaeus japonicas</i> (Impact factor: 3.24)	Lin YC, Vaseeharan B, Chen JC	Developmental & Comparative Immunology	Pergamon	1260-1269	32	2008	https://doi.org/10.1016/j.dci.2008.05.003
232.	RpoN gene, RAPD profile, antimicrobial resistance and plasmids of <i>Vibrio anguillarum</i> isolates from vibriosis infected <i>Penaeus monodon</i> (Impact factor: 3.24)	Vaseeharan B, Raffiq Hussain M, Chen JC	Letters in applied microbiology	Blackwell Publishing Ltd	380-385	47	2008	https://doi.org/10.1111/j.1472-765X.2008.02441.x

	1.647)							
233.	Identification of the extracellular copper-zinc superoxide dismutase (ecCuZnSOD) gene of the mud crab <i>Scylla serrata</i> and its expression following β -glucan and peptidoglycan injections (Impact factor: 2.65)	Lin YC, Vaseeharan B , Chen JC	Molecular Immunology	Pergamon	1346-1355	45	2008	https://doi.org/10.1016/j.molimm.2007.09.005

2007

International: 05
Factor: 13.486
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
234.	Molecular cloning and characterisation of a proteinase inhibitor, alpha 2-macroglobulin (α 2-M) from the haemocytes of tiger shrimp <i>Penaeus monodon</i> (Impact factor: 2.65)	Lin YC, Vaseeharan B , Ko CF, Chiou TT, Chen JC	Molecular immunology	Pergamon	1065-1074	44	2007	https://doi.org/10.1016/j.molimm.2006.08.002
235.	Cloning and characterisation of a prophenoloxidase from the haemocytes of mud crab <i>Scylla serrata</i> (Impact factor: 3.293)	Ko CF, Chiou TT, Vaseeharan B , Lu JK, Chen JC	Developmental & Comparative Immunology	Pergamon	12-22	31	2007	https://doi.org/10.1016/j.dci.2006.05.002
236.	Molecular cloning and characterisation of a thioester-containing α 2-macroglobulin (α 2-M) from the haemocytes of mud crab <i>Scylla serrata</i> (Impact factor: 2.96)	Vaseeharan B , Lin YC, Ko CF, Chiou TT, Chen JC	Fish & shellfish immunology	Academic Press	115-130	22	2007	https://doi.org/10.1016/j.fsi.2006.03.017
237.	Photobacterium damsela ssp. damsela associated with diseased black tiger shrimp <i>Penaeus monodon</i> Fabricius in India (Impact factor: 1.623)	Vaseeharan B , Sundararaj S, Murugan T, Chen JC	Letters in applied microbiology	Blackwell Publishing Ltd	82-86	45	2007	https://doi.org/10.1111/j.1472-765X.2007.02139.x
238.	The immune response of tilapia <i>Oreochromis mossambicus</i> and its susceptibility to <i>Streptococcus iniae</i> under stress in low and high temperatures (Impact factor: 2.96)	Ndong D, Chen YY, Lin YH, Vaseeharan B , Chen JC	Fish & Shellfish Immunology	Academic Press	686-694	22	2007	https://doi.org/10.1016/j.fsi.2006.08.015

2006

International: 02
Factor: 4.607
National: 00

Impact

S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
239.	Shrimp vaccination trials with the VP292 protein of	Vaseeharan B , Prem Anand T, Murugan T, Chen	Letters in Applied Microbiol	Blackwell Publishing Ltd	137-142	43	2006	https://doi.org/10.1111/j.1472-765X.2006.01941.x

	white spot syndrome virus (Impact factor: 1.647)	JC	ogy					
240.	Cloning and characterisation of a serine proteinase from the haemocytes of mud crab <i>Scylla serrate</i> (Impact factor: 2.96)	Vaseeharan B, Lin YC, Ko CF, Chen JC	Fish & shellfish immunology	Academic Press	20-31	21	2006	https://doi.org/10.1016/j.fsi.2005.09.006
2005								
International: 01 Factor: 4.128 National: 00								Impact
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
241.	In vitro susceptibility of antibiotics against <i>Vibrio</i> spp. and <i>Aeromonas</i> spp. isolated from <i>Penaeus monodon</i> hatcheries and ponds (Impact factor: 4.128)	Vaseeharan B, Ramasamy P, Murugan T, Chen JC	International journal of antimicrobial agents	Elsevier	285-291	26	2005	https://doi.org/10.1016/j.ijantimicag.2005.07.005
2004								
International: 01 Factor: 2.044 National: 00								Impact
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
242.	Effect of probiotics, antibiotic sensitivity, pathogenicity, and plasmid profiles of <i>Listonella anguillarum</i> -like bacteria isolated from <i>Penaeus monodon</i> culture systems (Impact factor: 2.044)	Vaseeharan B, Lin J, Ramasamy P	Aquaculture	Elsevier	77-91	241	2004	https://doi.org/10.1016/j.aquaculture.2004.09.003
2003								
International: 03 Factor: 5.284 National: 00								Impact
S. No	Publication Title	Author Details	Journal Name	Publisher	Pages	Volume	Year	Doi
243.	Control of pathogenic <i>Vibrio</i> spp. by <i>Bacillus subtilis</i> BT23, a possible probiotic treatment for black tiger shrimp <i>Penaeus monodon</i> (Impact factor: 1.647)	Vaseeharan B, Ramasamy P	Letters in applied microbiology	Vibrio	83-87	36	2003	https://doi.org/10.1046/j.1472-765X.2003.01255.x
244.	PCR-based detection of white spot syndrome virus in cultured and captured crustaceans in India (Impact factor: 1.647)	Vaseeharan B, Jayakumar R, Ramasamy P	Letters in Applied Microbiology	Blackwell Science Ltd	443-447	37	2003	https://doi.org/10.1046/j.1472-765X.2003.01428.x
245.	Abundance of potentially pathogenic micro-organisms in <i>Penaeus monodon</i> larvae rearing systems in India	Vaseeharan B, Ramasamy P	Microbiological research	Blackwell Science Ltd	299-308	158	2003	https://doi.org/10.1078/0944-5013-00208

	(Impact factor: 1.99)							
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