



**Dr. S. Paramasivam**  
**Assistant Professor**

### Contact

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### Academic Qualifications:

Degree	Board/University	Subject	Year	Division/Grade
B. Sc.	Bharathidasan University	Zoology	1994	First Class
M. Sc.	Annamalai University	Coastal Aquaculture	1996	First Class
Ph.D.,	Annamalai University	Marine Biology	2003	By thesis

**Teaching Experience: 11 years**

**Research Experience: 17 years**

## Additional Responsibilities

1. In-charge : Department Chemicals and glasswares.
2. Department Level Co-ordinator : Swachh Bharath

## Areas of Research

Marine Microbiology/Seafood safety

## Research Supervision / Guidance

Program of Study		Completed	Ongoing
Research	Ph.D.	1	---
	M.Phil.	---	---
Project	PG	14	----
	UG / Others	---	---

## Publications

International		National		Others
Journals	Conferences	Journals	Conferences	Books / Chapters / Monographs / Manuals
18	---	2	2	1

**Cumulative Impact Factor** : **21.91**  
**h-index** : **6**  
**i10 index** : **4**  
**Total Citations** : **190**

## Funded Research Projects

### Completed Projects

S. No	Agency	Period		Project Title	Budget (Rs. In lakhs)
		From	To		
1	Alagappa University Research Fund (AURF)	2009	2010	Screening of potential antimicrobial extracts from marine sponges.	0.64
2	University Grants Commission (UGC), New Delhi	2011	2014	Molecular characterization of histamine producing bacteria from Indian mackerel ( <i>Rastrelliger kanagurta</i> ).	7.00
3	Department of Science and Technology (DST)-Science and Engineering Research Board (SERB), New Delhi	2012	2015	Detection and public health significance of biogenic amines in the fishery products.	18.90

## Events organized in leading roles

### Seminars / Conferences / Workshops / Events organized:

1. National seminar on “Recent trends and future prospects of Nanomarine Sciences” was held on 23-24<sup>th</sup> March, 2009 at Alagappa University, Karaikudi, Tamilnadu, India.
2. “World Ocean Day-2011” was held on 9<sup>th</sup> August, 2011 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, Tamilnadu, India.
3. State level Seminar on ”Sensitive Coastal Ecosystems” was held on 11<sup>th</sup> December, 2015 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus, Tamilnadu, India.
4. “World wetlands day-2016” was held on 2<sup>nd</sup> February, 2016 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, Tamilnadu, India.
5. “Fisherman Livelihood Seaweed Culture Training Programme” held on on 25<sup>th</sup> to 28<sup>nd</sup> January, 2017 for coastal fisherwomen at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, Tamilnadu, India.

6. Short-term Training Programme on “Training and Scope of SCUBA Diving” conducted on 15<sup>th</sup> and 16<sup>th</sup> February, 2017 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, Tamilnadu, India.
7. “World wetlands day-2017” on 13<sup>th</sup> February, 2017 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Thondi Campus, Tamilnadu, India.
8. National Conference on “Conservation And Sustainable Development Of Marine Resources (CASDOMER-2018)” on 22<sup>nd</sup> and 23<sup>rd</sup> March, 2018 at Department of Oceanography and Coastal Area Studies, School of Marine Sciences, Alagappa University, Thondi Campus. Tamilnadu, India.

## **Events Participated**

**Conferences / Seminars / Workshops: 53**

## **Membership in**

### **Professional Bodies**

1. Life Member: Indian Science Congress Association, Kolkotta, India

## **Resource persons in various capacities**

### **Invited / Special Lectures delivered:**

1. Delivered a special lecture entitled “Histamine fish poisoning” at Alagappa Botanical Club (ABC), Department of Botany, Alagappa Government Arts College, Karaikudi on 27-04-2013.
2. Delivered a special lecture on “Formation and control of biogenic amines in sea foods” at CAS in Marine Biology, Faculty of Marine Sciences, Annamalai University, Parangipettai on 20.01.2016.

## **Others**

1. No. of Ph.D., Thesis evaluated : 3
2. No. of Ph.D Public Viva Voce Examination conducted : 3
3. Sequences submitted in GenBank : 30

## Recent Publications

1. Rosemary, T.; Arulkumar, A.; **Paramasivam, S.**; Mondragon-Portocarrero, A.; Miranda, J.M. **2019**. Biochemical, Micronutrient and Physicochemical Properties of the Dried Red Seaweeds *Gracilaria edulis* and *Gracilaria corticata*. *Molecules*. 24, 2225. doi:10.3390/molecules24122225. **Impact Factor: 3.060**.
2. Arulkumar, A., P. Nigariga, S. Paramasivam and R. Rajaram. **2019**. Metals accumulation in edible marine algae collected from Thondi coast of Palk Bay, Southeastern India. *Chemosphere*. 221:856-862. doi.org/10.1016/j.chemosphere.2019.01.007. ISSN: 0045-6535, **IF: 5.108**.
3. Arulkumar A, Paramasivam S, Rameshthangam P, Paramithiotis S. **2019**. Evaluation of psychrophilic, mesophilic, histamine forming bacteria and biogenic amine content in the muscle of mud spiny lobster, *Panulirus polyphagus* (HERBST, 1793) during ice storage. *J. Food Saf.* 39 (1):e12582 (doi.org/10.1111/jfs.12582). **IF: 1.665**.
4. Arulkumar, A., Paramasivam, S. & Miranda, J.M. **2018**. Combined Effect of Icing Medium and Red Alga *Gracilaria verrucosa* on Shelf Life Extension of Indian Mackerel (*Rastrelliger kanagurta*). *Food Bioprocess Technol.* doi.org/10.1007/s11947-018-2154-x. pp 1-12. ISSN : 1935-5149. **IF: 3.032**.
5. Abimannan Arulkumar, Thomas Rosemary, Sadayan Paramasivam & Ramaswamy Babu Rajendran. **2018**. Phytochemical composition, *in vitro* antioxidant, antibacterial potential and GC-MS analysis of red seaweeds (*Gracilaria corticata* and *Gracilaria edulis*) from Palk Bay, India. *Journal of Biocatalysis and Agricultural Biotechnology*. (doi.org/10.1016/j.bcab.2018.05.008). 15:63-71. ISSN:1878-8181.
6. Abimannan Arulkumar, Alagusundaram Balamurugan, Sadayan Paramasivam, Palanivel Rameshthangam & Spiros Paramithiotis. **2017**. Physicochemical and Microbiological Changes During Drying of Wolf Herring (*Chirocentrus dorab*) and Coastal Trevally (*Carangoides coeruleopinnatus*), *Journal of Aquatic Food Product Technology*, 26:8, 929-939, DOI: 10.1080/10498850.2017.1362683. **IF- 0.682**.
7. Abimannan Arulkumar, Sadayan Paramasivam, Palanivel Rameshthangam and Mohamed A Rabie. **2017**. Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (*Portunus pelagicus*) muscle during storage. *Journal of Food Science and Technology*. (DOI: 10.1007/s13197-017-2694-5). 54 (8), 2503-2511. **IF: 1.797**.
8. Abimannan Arulkumar, Sadayan Paramasivam and Rajendiran Rajaram. **2017**. Toxic heavy metals in commercially important food fishes collected from Palk Bay, Southeastern India. *Marine Pollution Bulletin*. (DOI: 10.1016/j.marpolbul.2017.03.045). 119, 454–459. **IF: 3.782**.
9. Abimannan Arulkumar, Kaliyan Ramachandiran, Sadayan Paramasivam, Palanivel Rameshthangam, Jose Manuel Miranda. **2017**. Effects of turmeric (*Curcuma longa*) on shelf life extension and biogenic amine control of cuttlefish (*Sepia brevimana*) during chilled storage. *CyTA-Journal of Food*. (DOI: 10.1080/19476337.2017.1296495). 15 (3): 441-447. **IF: 1.371**
10. Abimannan Arulkumar, Gunasekaran Karthik, Sadayan Paramasivam and Mohamed A Rabie. **2017**. Histamine levels in Indian Fish via Enzymatic, TLC and HPLC methods during storage. *Journal of Food Measurement and Characterization*. 11 (1):281-289. ISSN-2193-4126. **IF: 1.415**.