

# Periyakali Saravana Bhavan

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

435  
citations

933447

10  
h-index

752698

20  
g-index

25  
all docs

25  
docs citations

25  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Garlic ( <i>Allium sativum</i> ) Clove-Based Selenium Nanoparticles on Status of Nutritional, Biochemical, Enzymological, and Gene Expressions in the Freshwater Prawn <i>Macrobrachium rosenbergii</i> (De Man, 1879). <i>Biological Trace Element Research</i> , 2023, 201, 2036-2057.	3.5	4
2	Decreased Human Platelet Activation and Mouse Pulmonary Thrombosis by Rutaecarpine and Comparison of the Relative Effectiveness with BAY11-7082: Crucial Signals of p38-NF- $\kappa$ B. <i>Molecules</i> , 2022, 27, 476.	3.8	5
3	Effects of Microplastics, Polystyrene, and Polyethylene on Antioxidants, Metabolic Enzymes, HSP-70, and Myostatin Expressions in the Giant River Prawn <i>Macrobrachium rosenbergii</i> : Impact on Survival and Growth. <i>Archives of Environmental Contamination and Toxicology</i> , 2021, 80, 645-658.	4.1	15
4	The Antithrombotic Agent Pterostilbene Interferes with Integrin $\alpha$ IIb $\beta$ 3-Mediated Inside-Out and Outside-In Signals in Human Platelets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3643.	4.1	9
5	Columbianadin Dampens In Vitro Inflammatory Actions and Inhibits Liver Injury via Inhibition of NF- $\kappa$ B/MAPKs: Impacts on $\text{H}^2\text{O}_2$ Radicals and HO-1 Expression. <i>Antioxidants</i> , 2021, 10, 553.	5.1	9
6	Involvement of Antioxidant Defenses and NF- $\kappa$ B/ERK Signaling in Anti-Inflammatory Effects of Pterostilbene, a Natural Analogue of Resveratrol. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4666.	2.5	8
7	Comparison of the Potency of Pterostilbene with NF- $\kappa$ B Inhibitors in Platelet Activation: Mutual Activation by Akt-NF- $\kappa$ B Signaling in Human Platelets. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6149.	2.5	5
8	Rutaecarpine, an Alkaloid from <i>Evodia rutaecarpa</i> , Can Prevent Platelet Activation in Humans and Reduce Microvascular Thrombosis in Mice: Crucial Role of the PI3K/Akt/GSK3 $\beta$ Signal Axis through a Cyclic Nucleotides/VASP-Independent Mechanism. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11109.	4.1	12
9	Anti-Inflammatory Mechanisms of Novel Synthetic Ruthenium Compounds. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10092.	2.5	3
10	Auraptene, a Monoterpene Coumarin, Inhibits LTA-Induced Inflammatory Mediators via Modulating NF- $\kappa$ B/MAPKs Signaling Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	10
11	Molecular Targets of Natural Products for Chondroprotection in Destructive Joint Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4931.	4.1	15
12	Reduction of NF- $\kappa$ B Signals in Platelets and Prolongation of Platelet Plug Formation against High Shear Flow in Whole Blood on Human Subject by Columbianadin. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7323.	2.5	1
13	Influence of wild mixed zooplankton on growth and muscle biochemical composition of the freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. <i>Aquaculture</i> , 2020, 522, 735110.	3.5	12
14	Green Synthesis of Chromium Nanoparticles and Their Effects on the Growth of the Prawn <i>Macrobrachium rosenbergii</i> Post-larvae. <i>Biological Trace Element Research</i> , 2019, 187, 543-552.	3.5	17
15	Influence of two different dietary zinc sources in freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 290-299.	1.3	6
16	Effect of Marine Alga ( <i>Turbinaria Ornata</i> ) Mixed Diet on Some Aspects of Biology of Post Larval <i>Macrobrachium rosenbergii</i> . <i>Proceedings of the Zoological Society</i> , 2019, 72, 334-346.	1.0	0
17	Effect of Different Levels of Dietary Vitamin C on Growth Performance, Muscle Composition, Antioxidant and Enzyme Activity of <i>Macrobrachium rosenbergii</i> . <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2018, 88, 477-486.	1.0	6
18	Dietary Supplementation of Magnesium Oxide (MgO) Nanoparticles for Better Survival and Growth of the Freshwater Prawn <i>Macrobrachium rosenbergii</i> Post-larvae. <i>Biological Trace Element Research</i> , 2017, 177, 196-208.	3.5	26

#	ARTICLE	IF	CITATIONS
19	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2017, 17, .	0.9	8
20	Effect of different levels dietary vitamin C on growth performance, muscle composition, antioxidant and enzyme activity of freshwater prawn, <i>Macrobrachium malcolmsonii</i> . Aquaculture Reports, 2016, 3, 229-236.	1.7	47
21	Effects of different levels of dietary folic acid on the growth performance, muscle composition, immune response and antioxidant capacity of freshwater prawn, <i>Macrobrachium rosenbergii</i> . Aquaculture, 2016, 464, 136-144.	3.5	26
22	Dietary supplementation of green synthesized manganese-oxide nanoparticles and its effect on growth performance, muscle composition and digestive enzyme activities of the giant freshwater prawn <i>Macrobrachium rosenbergii</i> . Journal of Trace Elements in Medicine and Biology, 2016, 35, 7-17.	3.0	60
23	The effect of copper nanoparticles supplementation on freshwater prawn <i>Macrobrachium rosenbergii</i> post larvae. Journal of Trace Elements in Medicine and Biology, 2016, 34, 39-49.	3.0	50
24	Dietary Supplementation of Zinc Nanoparticles and Its Influence on Biology, Physiology and Immune Responses of the Freshwater Prawn, <i>Macrobrachium rosenbergii</i> . Biological Trace Element Research, 2014, 160, 56-66.	3.5	81