

Rameshthangam Palanivel

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

866
citations

623734

14
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

1344
citing authors

#	ARTICLE	IF	CITATIONS
1	Green synthesis of nickel nanoparticles using <i>Ocimum sanctum</i> and their application in dye and pollutant adsorption. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1307-1315.	3.5	153
2	Adsorption of Methylene Blue, Bromophenol Blue, and Coomassie Brilliant Blue by $\hat{\pm}$ -chitin nanoparticles. <i>Journal of Advanced Research</i> , 2016, 7, 113-124.	9.5	145
3	Antiviral activity of bis(2-methylheptyl)phthalate isolated from <i>Pongamia pinnata</i> leaves against White Spot Syndrome Virus of <i>Penaeus monodon</i> Fabricius. <i>Virus Research</i> , 2007, 126, 38-44.	2.2	84
4	Antioxidant and membrane bound enzymes activity in WSSV-infected <i>Penaeus monodon</i> Fabricius. <i>Aquaculture</i> , 2006, 254, 32-39.	3.5	58
5	Synergistic anticancer effect of green synthesized nickel nanoparticles and quercetin extracted from <i>Ocimum sanctum</i> leaf extract. <i>Journal of Materials Science and Technology</i> , 2018, 34, 508-522.	10.7	55
6	Anticancer activity of silver and copper embedded chitin nanocomposites against human breast cancer (MCF-7) cells. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 608-619.	7.5	50
7	Screening Antimicrobial Activity of Nickel Nanoparticles Synthesized Using <i>Ocimum sanctum</i> Leaf Extract. <i>Journal of Nanoparticles</i> , 2016, 2016, 1-13.	1.4	45
8	Studies on electrochemical glucose sensing, antimicrobial activity and cytotoxicity of fabricated copper nanoparticle immobilized chitin nanostructure. <i>International Journal of Biological Macromolecules</i> , 2017, 101, 668-679.	7.5	34
9	Silver Nanoparticle Embedded $\hat{\pm}$ -Chitin Nanocomposite for Enhanced Antimicrobial and Mosquito Larvicidal Activity. <i>Journal of Polymers and the Environment</i> , 2017, 25, 435-452.	5.0	30
10	Cerium doped nickel-oxide nanostructures for riboflavin biosensing and antibacterial applications. <i>New Journal of Chemistry</i> , 2016, 40, 2741-2748.	2.8	28
11	In Vitro and In Silico Studies of Chitin and Chitosan Based Nanocarriers for Curcumin and Insulin Delivery. <i>Journal of Polymers and the Environment</i> , 2018, 26, 4095-4113.	5.0	28
12	Chitin and Chitinases: Biomedical And Environmental Applications of Chitin and its Derivatives. <i>Journal of Enzymes</i> , 2018, 1, 20-43.	0.7	26
13	Impact of <i>Pseudomonas putida</i> RRF3 on the root transcriptome of rice plants: Insights into defense response, secondary metabolism and root exudation. <i>Journal of Biosciences</i> , 2019, 44, 1.	1.1	24
14	<i>Luffa acutangula</i> and <i>Lippia nodiflora</i> leaf extract induces growth inhibitory effect through induction of apoptosis on human lung cancer cell line. <i>Biomedicine and Preventive Nutrition</i> , 2012, 2, 287-293.	0.9	22
15	Effects of turmeric (<i>Curcuma longa</i>) on shelf life extension and biogenic amine control of cuttlefish (<i>Sepia brevimana</i>) during chilled storage. <i>CYTA - Journal of Food</i> , 2017, 15, 441-447.	1.9	11
16	Green synthesized nickel nanoparticles for targeted detection and killing of <i>S. typhimurium</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 174, 58-69.	3.8	11
17	Chemical Biopreservative Effects of Red Seaweed on the Shelf Life of Black Tiger Shrimp (<i>Penaeus</i>) Tj ETQq1 1 0.784314 rgBT /Overlook 4.3 11	4.3	11
18	High purity prebiotic isomalto-oligosaccharides production by cell associated transglucosidase of isolated strain <i>Debaryomyces hansenii</i> SCY204 and selective fermentation by <i>Saccharomyces cerevisiae</i> SY1065. <i>Process Biochemistry</i> , 2020, 98, 93-105.	3.7	10

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19	Protein expression in white spot syndrome virus infected <i>Penaeus monodon</i> fabricius. <i>Virus Research</i> , 2005, 110, 133-141.	2.2	8
20	Applications of L-arginine functionalised green synthesised nickel nanoparticles as gene transfer vector and catalyst. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 1193-1212.	2.4	8
21	Exploration of potential EGFR inhibitors: a combination of pharmacophore-based virtual screening, atom-based 3D-QSAR and molecular docking analysis. <i>Journal of Receptor and Signal Transduction Research</i> , 2015, 35, 137-148.	2.5	7
22	Changes on biogenic, volatile amines and microbial quality of the blue swimmer crab (<i>Portunus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.8	7
23	Evaluation of psychrophilic, mesophilic, histamine forming bacteria and biogenic amine content in the muscle of mud spiny lobster, <i>Panulirus polyphagus</i> (HERBST, 1793) during ice storage. <i>Journal of Food Safety</i> , 2019, 39, e12582.	2.3	7
24	Physicochemical and Microbiological Changes During Drying of Wolf Herring (<i>Chirocentrus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 Product Technology, 2017, 26, 929-939.	1.4	3
25	Detection of Biogenic Amines in Indian Fish and Fishery Products Consumed in Southeast Coast Region of India. <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 95-106.	1.4	1