

Vimala Raghavan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

552
citations

840776

11
h-index

794594

19
g-index

20
all docs

20
docs citations

20
times ranked

779
citing authors

#	ARTICLE	IF	CITATIONS
1	Extraction, purification and structural elucidation of environmentally benign antifouling metabolite from <i>Streptomyces thermolineatus</i> VITKV6A. <i>Environmental Technology and Innovation</i> , 2022, 25, 102096.	6.1	5
2	Routes of Synthesis and Characterizations of Nanoparticles. <i>Advances in Chemical and Materials Engineering Book Series</i> , 2021, , 288-309.	0.3	1
3	Highly Porous MIL-100(Fe) for the Hydrogen Evolution Reaction (HER) in Acidic and Basic Media. <i>ACS Omega</i> , 2020, 5, 18941-18949.	3.5	62
4	Role of nano titania on the thermomechanical properties of silicon carbide refractories. <i>Ceramics International</i> , 2020, 46, 25921-25926.	4.8	8
5	Investigating the microbial-influenced corrosion of UNS S32750 stainless-steel base alloy and weld seams by biofilm-forming marine bacterium <i>Macrocooccus equiperficus</i> . <i>Bioelectrochemistry</i> , 2020, 135, 107546.	4.6	15
6	Cuprous oxide (Cu ₂ O)/graphitic carbon nitride (g-C ₃ N ₄) nanocomposites for electrocatalytic hydrogen evolution reaction. <i>Diamond and Related Materials</i> , 2020, 107, 107899.	3.9	49
7	Synthesis and characterisation of starch/agar nanocomposite films for food packaging application. <i>IET Nanobiotechnology</i> , 2020, 14, 809-814.	3.8	14
8	Screening of marine Actinomycetes for inhibitory activity against biofilm forming bacteria. <i>Journal of Environmental Biology</i> , 2020, 41, 995-1002.	0.5	4
9	Honokiolâ€“camptothecin loaded graphene oxide nanoparticle towards combinatorial antiâ€“cancer drug delivery. <i>IET Nanobiotechnology</i> , 2020, 14, 796-802.	3.8	10
10	Process optimisation for green synthesis of ZnO nanoparticles and evaluation of its antimicrofouling activity. <i>IET Nanobiotechnology</i> , 2019, 13, 510-514.	3.8	7
11	Natural polymer functionalized graphene oxide for co-delivery of anticancer drugs: In-vitro and in-vivo. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 515-525.	7.5	60
12	Camptothecin loaded graphene oxide nanoparticle functionalized with polyethylene glycol and folic acid for anticancer drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 333-342.	3.0	94
13	Isolation and characterization of marine biofilm forming bacteria from a shipâ€™s hull. <i>Frontiers in Biology</i> , 2018, 13, 208-214.	0.7	9
14	Graphene Mediated Drug Delivery-A Boon to Cancer Therapy. <i>Research Journal of Pharmacy and Technology</i> , 2017, 10, 1571.	0.8	4
15	Evaluation of tetraethoxysilane (TEOS) solâ€“gel coatings, modified with green synthesized zinc oxide nanoparticles for combating microfouling. <i>Materials Science and Engineering C</i> , 2016, 61, 728-735.	7.3	80
16	Removal of Ag(I) and Zn(II) ions from single and binary solution using sulfonated form of gum arabic-powdered mushroom composite hollow semispheres: Equilibrium, kinetic, thermodynamic and ex-situ studies. <i>Ecological Engineering</i> , 2015, 75, 116-122.	3.6	15
17	Biosynthesis of Silver Nanoparticles Using <i>Aegle marmelos</i> (Bael) Fruit Extract and Its Application to Prevent Adhesion of Bacteria: A Strategy to Control Microfouling. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-8.	4.1	34
18	Biosorption of Zn(II) onto <i>Pleurotus platypus</i> : 5-Level Boxâ€“Behnken design, equilibrium, kinetic and regeneration studies. <i>Ecological Engineering</i> , 2014, 64, 136-141.	3.6	28

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19	Packed bed column studies on Cd(II) removal from industrial wastewater by macrofungus <i>Pleurotus platypus</i> . <i>Desalination</i> , 2011, 275, 291-296.	8.2	51
20	Palmyra palm flower biomass-derived activated porous carbon and its application as a supercapacitor electrode. <i>Journal of Electrochemical Science and Engineering</i> , 0, , .	3.5	2