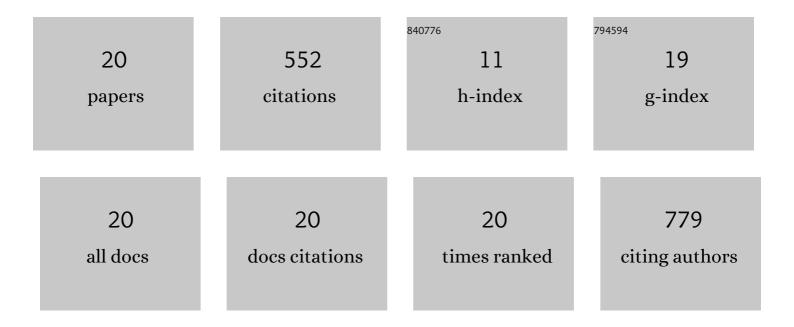
Vimala Raghavan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2084691/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Extraction, purification and structural elucidation of environmentally benign antifouling metabolite from Streptomyces thermolineatus VITKV6A. Environmental Technology and Innovation, 2022, 25, 102096.	6.1	5
2	Routes of Synthesis and Characterizations of Nanoparticles. Advances in Chemical and Materials Engineering Book Series, 2021, , 288-309.	0.3	1
3	Highly Porous MIL-100(Fe) for the Hydrogen Evolution Reaction (HER) in Acidic and Basic Media. ACS Omega, 2020, 5, 18941-18949.	3.5	62
4	Role of nano titania on the thermomechanical properties of silicon carbide refractories. Ceramics International, 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 Macrococcus equipercicus. Bioelectrochemistry, 2020, 135, 107546.	4.6	15
6	Cuprous oxide (Cu2O)/graphitic carbon nitride (g-C3N4) nanocomposites for electrocatalytic hydrogen evolution reaction. Diamond and Related Materials, 2020, 107, 107899.	3.9	49
7	Synthesis and characterisation of starch/agar nanocomposite films for food packaging application. IET Nanobiotechnology, 2020, 14, 809-814.	3.8	14
8	Screening of marine Actinomycetes for inhibitory activity against biofilm forming bacteria. Journal of Environmental Biology, 2020, 41, 995-1002.	0.5	4
9	Honokiol–camptothecin loaded graphene oxide nanoparticle towards combinatorial anti ancer drug delivery. IET Nanobiotechnology, 2020, 14, 796-802.	3.8	10
10	Process optimisation for green synthesis of ZnO nanoparticles and evaluation of its antimacrofouling activity. IET Nanobiotechnology, 2019, 13, 510-514.	3.8	7
11	Natural polymer functionalized graphene oxide for co-delivery of anticancer drugs: In-vitro and in-vivo. International Journal of Biological Macromolecules, 2018, 113, 515-525.	7.5	60
12	Camptothecin loaded graphene oxide nanoparticle functionalized with polyethylene glycol and folic acid for anticancer drug delivery. Journal of Drug Delivery Science and Technology, 2018, 43, 333-342.	3.0	94
13	Isolation and characterization of marine biofilm forming bacteria from a ship's hull. Frontiers in Biology, 2018, 13, 208-214.	0.7	9
14	Graphene Mediated Drug Delivery-A Boon to Cancer Therapy. Research Journal of Pharmacy and Technology, 2017, 10, 1571.	0.8	4
15	Evaluation of tetraethoxysilane (TEOS) sol–gel coatings, modified with green synthesized zinc oxide nanoparticles for combating microfouling. Materials Science and Engineering C, 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. Ecological Engineering, 2015, 75, 116-122.	3.6	15
17	Biosynthesis of Silver Nanoparticles UsingAegle marmelos(Bael) Fruit Extract and Its Application to Prevent Adhesion of Bacteria: A Strategy to Control Microfouling. Bioinorganic Chemistry and Applications, 2014, 2014, 1-8.	4.1	34
18	Biosorption of Zn(II) onto Pleurotus platypus: 5-Level Box–Behnken design, equilibrium, kinetic and regeneration studies. Ecological Engineering, 2014, 64, 136-141.	3.6	28

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