

# K V Radha

## List of Publications by Year in descending order

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31  
papers

563  
citations

933447

10  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategic approach on flow characteristics of magnetic nano adsorbent on treatment of dye wastewater. <i>Environmental Quality Management</i> , 2022, 32, 13-25.	1.9	4
2	Investigation of Eco-friendly Corrosion Inhibitor for Low Carbon Steel Using Extract of <i>Physalis Minima</i> Leaves. <i>Journal of Bio- and Tribo-Corrosion</i> , 2022, 8, 1.	2.6	1
3	Utilization of biodegradable chitosan-derived sponges as oil retainers. <i>Environmental Science and Pollution Research</i> , 2020, 27, 28123-28131.	5.3	2
4	Silver nanoparticles synthesised using <i>Andrographis paniculata</i> ameliorates oxidative stress in erythrocyte model. <i>Materials Research Express</i> , 2019, 6, 0850b6.	1.6	1
5	Fabrication of chitosan-bis (4-formyl-2 methoxy phenyl carbonate) Schiff base nanoparticles and evaluation of their antioxidant and anticancer properties. <i>Molecular Biology Reports</i> , 2019, 46, 4333-4347.	2.3	2
6	A Review on the Adsorption Studies of Tetracycline onto Various Types of Adsorbents. <i>Chemical Engineering Communications</i> , 2017, 204, 821-839.	2.6	81
7	Silver nanoparticle loaded silica adsorbent for wastewater treatment. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1801-1812.	2.7	11
8	Silver Nanoparticle loaded corncob adsorbent for effluent treatment. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1843-1854.	6.7	22
9	Synthesis of super-paramagnetic iron oxide nanoparticles assisted by brown seaweed <i>Turbinaria decurrens</i> for removal of reactive navy blue dye. <i>Materials Research Express</i> , 2017, 4, 105038.	1.6	9
10	Silver Nanoparticle Loaded Activated Carbon: An Escalated Nanocomposite with Antimicrobial Property. <i>Oriental Journal of Chemistry</i> , 2016, 32, 735-741.	0.3	17
11	Gas-liquid mass transfer studies in inverse fluidized bed biofilm reactor for the biodegradation of industrial effluent rich in phenolic compounds. <i>Environmental Progress and Sustainable Energy</i> , 2016, 35, 433-438.	2.3	8
12	Comparative Kinetic Studies and Performance Evaluation of Biofilm and Biomass Characteristics of <i>Pseudomonas fluorescens</i> in Degrading Synthetic Phenolic Effluent in Inverse Fluidized Bed Biofilm Reactor. <i>Water Environment Research</i> , 2016, 88, 415-424.	2.7	9
13	Fixed-bed column dynamics of tetracycline hydrochloride using commercial grade activated carbon: comparison of linear and nonlinear mathematical modeling studies. <i>Desalination and Water Treatment</i> , 2016, 57, 18964-18980.	1.0	8
14	Statistical optimization and mutagenesis for high level of phytase production by <i>Rhizopus oligosporus</i> MTCC 556 under solid state fermentation. <i>Journal of Environmental Biology</i> , 2016, 37, 253-9.	0.5	8
15	Effect of hydrodynamic characteristics on the performance of biofilm for degrading phenol in inverse fluidized bed biofilm reactor. <i>Desalination and Water Treatment</i> , 2015, 55, 2023-2033.	1.0	10
16	Synthesis of dimethyl carbonate (DMC) based biodegradable nitrogen mustard ionic carbonate (NMIC) nanoparticles. <i>RSC Advances</i> , 2015, 5, 10560-10566.	3.6	3
17	Effect of a mixed substrate on phytase production by <i>Rhizopus oligosporus</i> MTCC 556 using solid state fermentation and determination of dephytinization activities in food grains. <i>Food Science and Biotechnology</i> , 2015, 24, 551-559.	2.6	20
18	Statistical modeling on COD removal from metal-working fluids through electrocoagulation process. <i>Desalination and Water Treatment</i> , 2015, 53, 2593-2603.	1.0	4

#	ARTICLE	IF	CITATIONS
19	Review of Nanobiopolymers for Controlled Drug Delivery. <i>Polymer-Plastics Technology and Engineering</i> , 2014, 53, 1636-1646.	1.9	27
20	Hydrodynamic behavior of inverse fluidized bed biofilm reactor for phenol biodegradation using <i>Pseudomonas fluorescens</i> . <i>Korean Journal of Chemical Engineering</i> , 2014, 31, 436-445.	2.7	26
21	Effect of gas-liquid mass transfer coefficient and liquid-solid mass transfer resistance on phenol biodegradation in three phase inverse fluidized bed biofilm reactor. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 2321-2326.	6.7	7
22	Preparation and characterization of native poly(3-hydroxybutyrate) microspheres from <i>Bacillus subtilis</i> MTCC 9763. <i>Journal of Bioactive and Compatible Polymers</i> , 2014, 29, 152-164.	2.1	2
23	Polyhydroxybutyrate production accompanied by the effective reduction of chemical oxygen demand (COD) and biological oxygen demand (BOD) from industrial effluent. <i>Korean Journal of Chemical Engineering</i> , 2013, 30, 2191-2196.	2.7	4
24	Biodegradation Kinetic Studies on Phenol in Internal Draft Tube (Inverse Fluidized Bed) Biofilm Reactor Using <i>Pseudomonas fluorescens</i> : Performance Evaluation of Biofilm and Biomass Characteristics. <i>Bioremediation Journal</i> , 2013, 17, 264-277.	2.0	16
25	Investigating the performance of inverse fluidized bed biofilm reactor for phenol biodegradation using <i>Pseudomonas fluorescence</i> . , 2011, , .		0
26	Recycling of exposed photographic X-ray films and recovery of silver using Bromelain. <i>WIT Transactions on Ecology and the Environment</i> , 2010, , .	0.0	6
27	Kinetic Study on Decolorization of the Dye Acid Orange Using the Fungus <i>Phanerochaete Chrysosporium</i> . <i>Modern Applied Science</i> , 2009, 3, .	0.6	4
28	Electrochemical decolorization of the dye Acid orange 10. <i>Desalination and Water Treatment</i> , 2009, 7, 6-11.	1.0	18
29	Electrochemical oxidation for the treatment of textile industry wastewater. <i>Bioresource Technology</i> , 2009, 100, 987-990.	9.6	80
30	Decolorization studies of synthetic dyes using <i>Phanerochaete chrysosporium</i> and their kinetics. <i>Process Biochemistry</i> , 2005, 40, 3337-3345.	3.7	152
31	Experimental and theoretical validation of nano filters fabricated through green synthesized silver nanoparticles. <i>Polymers From Renewable Resources</i> , 0, , 204124792211098.	1.3	0