

Ravin M Jugade

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9338038/publications.pdf>

Version: 2024-02-01

37
papers

676
citations

706676

14
h-index

651938

25
g-index

37
all docs

37
docs citations

37
times ranked

451
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous magnetic Chitosan-Zirconia-Iron oxide nanocomposite for adsorptive removal of Cr(VI) ions. <i>Materials Letters</i> , 2022, 311, 131513.	1.3	15
2	Bi-functionalized Ionic Liquid-Thiourea Chitosan for effective decontamination of Cd(II) and Hg(II) from water bodies. <i>Current Research in Green and Sustainable Chemistry</i> , 2022, 5, 100246.	2.9	9
3	Mesoporous Fe ³⁺ -Al-doped cellulose for the efficient removal of reactive dyes. <i>Materials Advances</i> , 2022, 3, 3278-3285.	2.6	30
4	Gamma degraded oligomeric nanochitosan for adsorptive removal of Cd(II). <i>Bioresource Technology Reports</i> , 2022, 18, 101002.	1.5	2
5	Quaternary Ammonium Impregnated Chitosan for the Decontamination of Wastewater from Carcinogenic Dyes. <i>Environmental Processes</i> , 2022, 9, .	1.7	6
6	Adsorptive removal of Cr(VI) by Chitosan-SiO ₂ -TiO ₂ nanocomposite. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2022, 18, 100695.	1.7	6
7	Chitosan entrapped microporous activated carbon composite as a supersorbent for remazol brilliant blue R. <i>Materials Advances</i> , 2022, 3, 5488-5496.	2.6	9
8	Fe(III)-Chitosan Microbeads for Adsorptive Removal of Cr(VI) and Phosphate Ions. <i>Minerals (Basel)</i> , 2022, 12, 1010.	0.8	10
9	Rational modification of chitosan biopolymer for remediation of Cr(VI) from water. <i>Journal of Hazardous Materials Advances</i> , 2022, 7, 100123.	1.2	6
10	Development of a ghatti gum/poly (acrylic acid)/TiO ₂ hydrogel nanocomposite for malachite green adsorption from aqueous media: Statistical optimization using response surface methodology. <i>Chemosphere</i> , 2022, 306, 135524.	4.2	34
11	Distribution, Association, and Ecological Risk Evaluation of Heavy Metals and Influencing Factors in Major Industrial Stream Sediments of Chandrapur District, Central India. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	6
12	Tetrabutylammonium Impregnated Chitosan for Adsorptive Removal of Harmful Carcinogenic Dyes from Water-Bodies. <i>Chemistry Africa</i> , 2021, 4, 993-1005.	1.2	11
13	Glutaraldehyde-cross-linked chitosan-alginate composite for organic dyes removal from aqueous solutions. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 862-875.	3.6	77
14	Implementation of response surface methodology in physi-chemisorption of Indigo carmine dye using modified chitosan composite. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021, 2, 100081.	1.6	7
15	Red mud-chitosan microspheres for removal of coexistent anions of environmental significance from water bodies. <i>Carbohydrate Polymer Technologies and Applications</i> , 2021, 2, 100128.	1.6	5
16	A GREEN METHOD FOR THE REMOVAL OF ZINC(II) IONS FROM WASTEWATER USING MODIFIED BIOPOLYMERS. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2021, 26, 101-111.	0.1	0
17	Chitosan-zirconia microballs for proficient removal of chromate and phosphate ions from water bodies. <i>Journal of Chemical Sciences</i> , 2021, 133, 1.	0.7	6
18	Novel mesoporous chitosan-zirconia-ferrosferric oxide as magnetic composite for defluoridation of water. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104360.	3.3	38

#	ARTICLE	IF	CITATIONS
19	Hierarchical approach towards adsorptive removal of Alizarin Red S dye using native chitosan and its successively modified versions. <i>Water Science and Technology</i> , 2020, 82, 715-731.	1.2	23
20	Gamma degraded chitosan-Fe(III) beads for defluoridation of water. <i>Materials Today: Proceedings</i> , 2020, 29, 726-732.	0.9	8
21	Adsorptive removal of crystal violet from aqueous solution by cross-linked chitosan coated bentonite. <i>Materials Today: Proceedings</i> , 2020, 29, 1025-1032.	0.9	30
22	Sulphate-Crosslinked Chitosan as an Adsorbent for the Removal of Congo Red Dye From Aqueous Solution. <i>Air, Soil and Water Research</i> , 2018, 11, 117862211881168.	1.2	23
23	Removal of Cd(II) and Hg(II) from effluents by ionic solid impregnated chitosan. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1556-1568.	3.6	30
24	Stannic chloride impregnated chitosan for defluoridation of water. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1528-1538.	3.6	13
25	Tin(IV) cross-linked chitosan for the removal of As(III). <i>Carbohydrate Polymers</i> , 2017, 172, 205-212.	5.1	26
26	Ionic solid-impregnated sulphate-crosslinked chitosan for effective adsorption of hexavalent chromium from effluents. <i>International Journal of Environmental Science and Technology</i> , 2016, 13, 2269-2282.	1.8	24
27	Two fold modified chitosan for enhanced adsorption of hexavalent chromium from simulated wastewater and industrial effluents. <i>Carbohydrate Polymers</i> , 2016, 146, 264-273.	5.1	75
28	Assimilation of chitin with tin for defluoridation of water. <i>RSC Advances</i> , 2016, 6, 18936-18945.	1.7	26
29	Spectrophotometric Investigations of Macrolide Antibiotics: A Brief Review. <i>Analytical Chemistry Insights</i> , 2015, 10, ACI.S31857.	2.7	12
30	Spectrophotometric Determination of Cefixime Trihydrate in Pharmaceutical Formulations Based on Ion-Pair Reaction with Bromophenol Blue. <i>Analytical Chemistry Insights</i> , 2015, 10, ACI.S28463.	2.7	9
31	Organophosphate Hydrolase in Conductometric Biosensor for the Detection of Organophosphate Pesticides. <i>Analytical Chemistry Insights</i> , 2015, 10, ACI.S30656.	2.7	11
32	Spectrophotometric Determination of Norfloxacin in Pharmaceutical Formulations Based on Charge Transfer Reaction with Quinalizarin. <i>Analytical Chemistry Letters</i> , 2015, 5, 319-328.	0.4	4
33	Synergistic behaviour of ionic liquid impregnated sulphate-crosslinked chitosan towards adsorption of Cr(VI). <i>International Journal of Biological Macromolecules</i> , 2015, 80, 615-626.	3.6	44
34	Spectrophotometric Determination of Macrolides Using Bromocresol Green in Pharmaceutical Formulations and Urine Samples. <i>Analytical Chemistry Letters</i> , 2015, 5, 50-60.	0.4	3
35	Effective detoxification of hexavalent chromium using sulfate-crosslinked chitosan. <i>Water Science and Technology</i> , 2014, 70, 2047-2055.	1.2	26
36	CVD synthesis of graphene nanoplates on MgO support. <i>Materials Science-Poland</i> , 2014, 32, 243-246.	0.4	1

#	ARTICLE	IF	CITATIONS
37	Highly Sensitive Adsorptive Stripping Voltammetric Method for the Ultra-trace Determination of Chromium(VI). Analytical Sciences, 2006, 22, 571-574.	0.8	11