

Azarudeen, Rs

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

427
citations

759233

12
h-index

752698

20
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25
all docs

25
docs citations

25
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	3D printable Polycaprolactone-gelatin blends characterized for in vitro osteogenic potency. <i>Reactive and Functional Polymers</i> , 2020, 146, 104445.	4.1	13
2	Dual property of chitosan blended copolymer membranes: Antidiabetic drug release profile and antimicrobial assay. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 42-52.	7.5	12
3	Enhanced dye removal using polymeric nanocomposite through incorporation of Ag doped ZnO nanoparticles: Synthesis and characterization. <i>Journal of Hazardous Materials</i> , 2019, 373, 493-503.	12.4	50
4	Toxic metal ion removal by terpolymer ion-exchanger from aqueous environments: synthesis, thermal degradation, batch separation, kinetic and isotherm studies. <i>Separation Science and Technology</i> , 2018, 53, 513-526.	2.5	3
5	Polymeric nanocomposites for the removal of Acid red 52 dye from aqueous solutions: Synthesis, characterization, kinetic and isotherm studies. <i>Ecotoxicology and Environmental Safety</i> , 2018, 160, 42-51.	6.0	44
6	Separations of toxic metal ions using a novel polymeric composite: Synthesis, characterizations, kinetics, isotherm models and thermal degradation studies. <i>Separation Science and Technology</i> , 2017, 52, 1946-1958.	2.5	2
7	Antibacterial chitosan-copolymer membranes for drug delivery: synthesis, characterization, drug release profile and kinetics. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1659-1666.	3.2	2
8	Thermal degradation kinetics and antimicrobial studies of terpolymer resins. <i>Arabian Journal of Chemistry</i> , 2016, 9, S296-S305.	4.9	15
9	Synthetic functionalized terpolymeric resin for the removal of hazardous metal ions: synthesis, characterization and batch separation analysis. <i>Polymers for Advanced Technologies</i> , 2016, 27, 235-244.	3.2	9
10	A novel comparative study: synthesis, characterization and thermal degradation kinetics of a terpolymer and its composite for the removal of heavy metals. <i>Iranian Polymer Journal (English)</i> Tj ETQq0 0 0 rgBT /2wverlock 10 Tf 50 37	2.4	10
11	Heavy and toxic metal ion removal by a novel polymeric ion-exchanger: synthesis, characterization, kinetics and equilibrium studies. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 2170-2179.	3.2	24
12	In Vitro Bacterial Screening and Degradation Kinetics of a Terpolymer Ligand and Its Transition Metal Complexes. <i>Advances in Polymer Technology</i> , 2014, 33, .	1.7	0
13	Antimicrobial Applications of Transition Metal Complexes of Benzothiazole Based Terpolymer: Synthesis, Characterization, and Effect on Bacterial and Fungal Strains. <i>Bioinorganic Chemistry and Applications</i> , 2014, 2014, 1-16.	4.1	27
14	Polymer-supported metal complexes as antibacterial agents: synthesis, characterization and thermal degradation kinetics. <i>Applied Organometallic Chemistry</i> , 2014, 28, 773-784.	3.5	6
15	Sorption behavior of ion-exchange terpolymer resin with environmental impact: synthesis, characterization and isotherm models. <i>Polymer Bulletin</i> , 2014, 71, 3209-3235.	3.3	2
16	Transition Metal Complexes of a Novel Polymeric Ligand: Thermal Degradation Kinetics and In Vitro Antibacterial Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014, 24, 842-857.	3.7	1
17	Studies of new oligomer-metal complexes and their antibacterial activities. <i>Polymer International</i> , 2013, 62, 362-374.	3.1	6
18	Batch separation studies for the removal of heavy metal ions using a chelating terpolymer: Synthesis, characterization and isotherm models. <i>Separation and Purification Technology</i> , 2013, 116, 366-377.	7.9	66

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19	Sorption investigation on the removal of metal ions from aqueous solutions using chelating terpolymer resin. <i>Research on Chemical Intermediates</i> , 2012, 38, 2155-2173.	2.7	16
20	Synthesis, Spectral, Morphology, Thermal Degradation Kinetics and Antibacterial Studies of Terpolymer Metal Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2012, 22, 791-806.	3.7	18
21	Biological and thermal investigations of polychelates derived from a novel terpolymer ligand. <i>Journal of Polymer Research</i> , 2011, 18, 1331-1341.	2.4	17
22	Kinetics of thermal decomposition and antimicrobial screening of terpolymer resins. <i>Polymer Bulletin</i> , 2011, 67, 1553-1568.	3.3	22
23	Chelating terpolymer resin: Synthesis, characterization and its ion-exchange properties. <i>Desalination</i> , 2011, 268, 90-96.	8.2	37
24	Terpolymer Chelates: Synthesis, Characterization, and Biological Applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2010, 60, 124-143.	3.4	22
25	Studies of retention and reusable capacities of melamine formaldehyde based terpolymer against some toxic metal ions by batch equilibrium method. <i>Separation Science and Technology</i> , 0, , 150527095459001.	2.5	0