

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56 papers	1,545 citations	22 h-index	38 g-index
59 ext. papers	1,873 ext. citations	4.9 avg, IF	5.05 L-index

#	Paper	IF	Citations
56	Preparation and characterization of nano chitosan for treatment wastewaters. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 57, 204-12	7.9	154
55	Preparation and characterization of chitosan-carbon nanotube scaffolds for bone tissue engineering. <i>International Journal of Biological Macromolecules</i> , <b>2012</b> , 50, 393-402	7.9	136
54	Removal of the heavy metal ion chromium(VI) using Chitosan and Alginate nanocomposites. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1459-1468	7.9	112
53	Batch adsorption and desorption studies on the removal of lead (II) from aqueous solution using nanochitosan/sodium alginate/microcrystalline cellulose beads. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1483-1494	7.9	66
52	Fabrication of letrozole formulation using chitosan nanoparticles through ionic gelation method. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1820-1832	7.9	65
51	Sorption studies on heavy metal removal using chitin/bentonite biocomposite. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 53, 67-71	7.9	65
50	Removal of toxic heavy metal lead (II) using chitosan oligosaccharide-graft-maleic anhydride/polyvinyl alcohol/silk fibroin composite. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1469-1482	7.9	60
49	Size optimization and in vitro biocompatibility studies of chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1794-1806	7.9	60
48	Removal of copper(II) from aqueous solution using nanochitosan/sodium alginate/microcrystalline cellulose beads. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 82, 440-52	7.9	56
47	Biomedical Applications of Chitosan: An Overview. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2012</b> , 2, 100-111	0.3	54
46	FTIR, XRD and DSC studies of nanochitosan, cellulose acetate and polyethylene glycol blend ultrafiltration membranes. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1721-1729	7.9	49
45	Removal of Cr(VI) from aqueous solution using chitosan-g-poly(butyl acrylate)/silica gel nanocomposite. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 87, 545-54	7.9	49
44	Removal of Cu(II) and Ni(II) using cellulose extracted from sisal fiber and cellulose-g-acrylic acid copolymer. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 62, 59-65	7.9	48
43	Copper and cadmium removal from synthetic industrial wastewater using chitosan and nylon 6. <i>Environmental Science and Pollution Research</i> , <b>2011</b> , 19, 2930-41	5.1	47
42	Batch adsorption studies on surface tailored chitosan/orange peel hydrogel composite for the removal of Cr(VI) and Cu(II) ions from synthetic wastewater. <i>Chemosphere</i> , <b>2021</b> , 271, 129415	8.4	39
41	Adsorption and kinetic studies on the removal of chromium and copper onto Chitosan-g-maleic anhydride-g-ethylene dimethacrylate. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1578-1585 <sup>36</sup>	7.9	36
40	Sorption studies on Cr (VI) removal from aqueous solution using cellulose grafted with acrylonitrile monomer. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 66, 295-301	7.9	34

39	Comparative studies on the removal of heavy metals ions onto cross linked chitosan-g-acrylonitrile copolymer. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 67, 180-8	7.9	30
38	Novel chitosan based thin sheet nanofiltration membrane for rejection of heavy metal chromium. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 132, 939-953	7.9	28
37	Studies on drug-polymer interaction, in vitro release and cytotoxicity from chitosan particles excipient. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 468, 214-22	6.5	27
36	Preparation and Characterization of Curcumin Coated Chitosan-Alginate Blend for Wound Dressing Application. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2012</b> , 2, 54-60	0.3	27
35	Development of 3D scaffolds using nanochitosan/silk-fibroin/hyaluronic acid biomaterials for tissue engineering applications. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 120, 876-885	7.9	25
34	Banana fiber Cellulose Nano Crystals grafted with butyl acrylate for heavy metal lead (II) removal. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 131, 461-472	7.9	22
33	Adsorptive removal of copper (II) and lead (II) using chitosan-g-maleic anhydride-g-methacrylic acid copolymer. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1495-1508	7.9	21
32	Electrochemical Determination of L-Dopa in Mucuna pruriens Seeds, Leaves and Commercial Siddha Product Using Gold Modified Pencil Graphite Electrode. <i>Electroanalysis</i> , <b>2011</b> , 23, 1107-1115	3	21
31	Hydroxyapatite from Cuttlefish Bone: Isolation, Characterizations, and Applications. <i>Biotechnology and Bioprocess Engineering</i> , <b>2018</b> , 23, 383-393	3.1	21
30	Removal of heavy metal chromium from tannery effluent using ultrafiltration membrane. <i>Textiles and Clothing Sustainability</i> , <b>2017</b> , 2,		19
29	Physicochemical and morphological evaluation of chitosan/poly(vinyl alcohol)/methylcellulose chemically cross-linked ternary blends. <i>Polymer Bulletin</i> , <b>2012</b> , 68, 1387-1393	2.4	17
28	Sorption studies of lead (II) onto crosslinked and non crosslinked biopolymeric blends. <i>International Journal of Biological Macromolecules</i> , <b>2013</b> , 59, 165-9	7.9	13
27	Chitosan Modified Alginate-Polyurethane Scaffold for Skeletal Muscle Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , <b>2015</b> , 5, 665-672	0.3	13
26	Toxic heavy metal cadmium removal using chitosan and polypropylene based fiber composite. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 164, 1809-1824	7.9	13
25	Adsorption Studies of Lead(II) from aqueous solution onto Nanochitosan /Polyurethane /Polypropylene glycol ternary blends. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 104, 1436-1448 <sup>12</sup>	7.9	12
24	Removal of cadmium (II) ions from aqueous solution using chitosan/starch polymer blend. <i>Composite Interfaces</i> , <b>2014</b> , 21, 95-109	2.3	11
23	Removal of heavy metals from tannery effluent using chitosan-g-poly(butyl acrylate)/bentonite nanocomposite as an adsorbent. <i>Textiles and Clothing Sustainability</i> , <b>2017</b> , 2,		11
22	Physicochemical characterization of chitosan/nylon6/polyurethane foam chemically cross-linked ternary blends. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2013</b> , 105, 20-3	4.4	10

21	Adsorptive Removal of Lead and Cadmium Ions using Cross-Linked CMC Schiff Base: Isotherm, Kinetics and Catalytic Activity. <i>Oriental Journal of Chemistry</i> , <b>2016</b> , 32, 441-453	0.8	10
20	Impact of Nanoparticle Shape, Size, and Properties of the Sustainable Nanocomposites <b>2019</b> , 313-336		9
19	Kinetics of Removal of Chromium From Wastewater Using Chitosan-Based Binary Polymer Blends. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 1310-1317		8
18	Adsorption of copper(II) and nickel(II) ions from aqueous solution using graft copolymer of cellulose extracted from the sisal fiber with acrylic acid monomer. <i>Composite Interfaces</i> , <b>2014</b> , 21, 75-86	2.3	7
17	Contemplating the feasibility of vermiculate blended chitosan for heavy metal removal from simulated industrial wastewater. <i>Applied Water Science</i> , <b>2017</b> , 7, 4207-4218	5	6
16	Separation and Identification of Phenolic Acid and Flavonoids from Nerium indicum Flowers. <i>Indian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 77, 91-5	1.5	6
15	Antimicrobial efficacy of novel nanochitosan-based mat via electrospinning technique. <i>Polymer Bulletin</i> , <b>2018</b> , 75, 5599-5618	2.4	5
14	Synthesis, Characterization and Applications of Nanochitosan/Sodium Alginate/Microcrystalline Cellulose Film. <i>Journal of Nanomedicine &amp; Nanotechnology</i> , <b>2016</b> , 07,	1.9	5
13	Experimental analysis of binary and ternary polymer blends of nanochitosan. <i>Materials Today: Proceedings</i> , <b>2016</b> , 3, 2169-2177	1.4	3
12	Clay Based Biopolymer Nanocomposites and Their Applications in Environmental and Biomedical Fields <b>2019</b> , 1159-1183		2
11	SYNTHESIS AND CHARACTERISATION OF TERNARY BLENDS OF CHITOSAN. <i>International Journal of Chemical Research</i> , <b>2011</b> , 3, 27-32		2
10	Batch and column mode removal of the turquoise blue (TB) over bio-char based adsorbent from Prosopis Juliflora: Comparative study. <i>Chemosphere</i> , <b>2021</b> , 271, 129426	8.4	2
9	A Study on Biological and Catalytic Activity of CSB Derivative and its Cobalt and Nickel Complexes. <i>Oriental Journal of Chemistry</i> , <b>2016</b> , 32, 2509-2516	0.8	2
8	Cadmium(II) ion removal from aqueous solution using chitosan oligosaccharide-based blend. <i>Polymer Bulletin</i> , <b>2021</b> , 78, 1109-1132	2.4	2
7	Biodegradable Polymer-Based Ternary Blends for Adsorption of Heavy Metal From Simulated Industrial Wastewater. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , <b>2016</b> , 46, 1664-1674		1
6	Electronic sensors for micron resolution dimension measurement <b>2017</b> ,		1
5	Synthesis and characterisation of nano chitosan/PVP/SF for environmental engineering applications. <i>International Journal of Ambient Energy</i> , <b>2021</b> , 42, 150-155	2	1
4	Adsorption of Heavy Metal Cr (VI) By a Ternary Biopolymer Blend. <i>Materials Today: Proceedings</i> , <b>2018</b> , 5, 14628-14638	1.4	1

3	Electronic Gauge for Micron Measurement and its Relevance to Industry 4.0. <i>SN Computer Science</i> , <b>2021</b> , 2, 1	2
2	Effect of nano chitosan polymer blends for energy engineering applications. <i>International Journal of Ambient Energy</i> , <b>2021</b> , 42, 508-513	2
1	Removal of Copper(II) Ion using Nanochitosan/Carboxymethyl Cellulose/Grapheme Oxide Composite Biosorbent. <i>Asian Journal of Chemistry</i> , <b>2022</b> , 34, 1465-1471	0.4