

# Hossein Hosseinzadeh

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

1,308  
citations

411340

20  
h-index

388640

36  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of carboxymethyl $\beta$ -cyclodextrin bonded Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> -NH <sub>2</sub> core-shell magnetic nanocomposite adsorbent for effective removal of Pb(II) from wastewater. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 230-242.	1.1	12
2	Fabrication of magnetic $\beta$ -CD/chitosan nanocomposite as an efficient and recyclable dye adsorbent. <i>Polymer-Plastics Technology and Materials</i> , 2020, 59, 1932-1943.	0.6	4
3	Fabrication of novel magnetic graphene oxide nanocomposites for selective adsorption of mercury from aqueous solutions. <i>Environmental Science and Pollution Research</i> , 2019, 26, 26807-26821.	2.7	15
4	Synthesis of multiresponsive $\beta$ -cyclodextrin nanocomposite through surface RAFT polymerization for controlled drug delivery. <i>Polymers for Advanced Technologies</i> , 2019, 30, 2860-2871.	1.6	9
5	Enhanced Removal of Cr(VI) from Aqueous Solutions Using Poly(Pyrrole)-g-Poly(Acrylic Acid-co-) Engineering Quarterly, 2019, 33, 19-33.	0.5	6
6	Synthesis of poly(AN)/poly(AA-co-AM) hydrogel nanocomposite with electrical conductivity and antibacterial properties. <i>Polymer Composites</i> , 2019, 40, 2724-2733.	2.3	5
7	Synthesis of stimuli-responsive chitosan nanocomposites via RAFT copolymerization for doxorubicin delivery. <i>International Journal of Biological Macromolecules</i> , 2019, 121, 677-685.	3.6	37
8	TGA investigation and morphological properties study of nanocrystalline cellulose/graphene nanoparticles nanocomposites for catalytic control of oxidative polymerization of aniline. <i>Polymer Composites</i> , 2019, 40, E753.	2.3	6
9	Fabrication of nanocellulose loaded poly(AA-co-HEMA) hydrogels for ceftriaxone controlled delivery and crystal violet adsorption. <i>Polymer Composites</i> , 2019, 40, E559.	2.3	10
10	Effective removal of copper from aqueous solutions by modified magnetic chitosan/graphene oxide nanocomposites. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 859-868.	3.6	122
11	Fabrication of starch-graft-poly(acrylamide)/graphene oxide/hydroxyapatite nanocomposite hydrogel adsorbent for removal of malachite green dye from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 101-115.	3.6	139
12	Synthesis of magnetic functionalized MWCNT nanocomposite through surface RAFT co-polymerization of acrylic acid and N-isopropyl acrylamide for removal of cationic dyes from aqueous solutions. <i>Ecotoxicology and Environmental Safety</i> , 2018, 161, 34-44.	2.9	36
13	Preparation of novel multi-walled carbon nanotubes nanocomposite adsorbent via RAFT technique for the adsorption of toxic copper ions. <i>Science of the Total Environment</i> , 2018, 640-641, 303-314.	3.9	37
14	Novel CdS quantum dots templated hydrogel nanocomposites: Synthesis, characterization, swelling and dye adsorption properties. <i>Journal of Molecular Liquids</i> , 2017, 240, 630-641.	2.3	27
15	Efficient Removal of Methylene Blue Using a Hybrid Organic-Inorganic Hydrogel Nanocomposite Adsorbent Based on Sodium Alginate-Silicone Dioxide. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 1595-1612.	1.9	38
16	Fabrication and characterization of CMC-based magnetic superabsorbent hydrogel nanocomposites for crystal violet removal. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1609-1616.	1.6	16
17	Fast and enhanced removal of mercury from aqueous solutions by magnetic starch-g-poly(acryl) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.3	10
18	Magnetic and pH-responsive starch-g-poly(acrylic acid-co-acrylamide)/graphene oxide superabsorbent nanocomposites: One-pot synthesis, characterization, and swelling behavior. <i>Starch/Staerke</i> , 2016, 68, 200-212.	1.1	17

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19	Biosorption of anionic dyes from aqueous solutions using a novel magnetic nanocomposite adsorbent based on rice husk ash. <i>Separation Science and Technology</i> , 2016, 51, 939-953.	1.3	20
20	Removal of cationic dyes by poly(AA-co-AMPS)/montmorillonite nanocomposite hydrogel. <i>Desalination and Water Treatment</i> , 2016, 57, 6372-6383.	1.0	51
21	Study on adsorption of cationic dye on novel kappa-carrageenan/poly(vinyl alcohol)/montmorillonite nanocomposite hydrogels. <i>Polymer Bulletin</i> , 2015, 72, 1339-1363.	1.7	77
22	Quince seed mucilage magnetic nanocomposites as novel bioadsorbents for efficient removal of cationic dyes from aqueous solutions. <i>Carbohydrate Polymers</i> , 2015, 134, 213-221.	5.1	64
23	Synthesis of carrageenan/multi-walled carbon nanotube hybrid hydrogel nanocomposite for adsorption of crystal violet from aqueous solution. <i>Polish Journal of Chemical Technology</i> , 2015, 17, 70-76.	0.3	32
24	1-Methyl-3-(2-(Sulfooxy)Ethyl)-1H-Imidazol-3-ium Thiocyanate as A Novel, Green, and Efficient Brønsted Acidic Ionic Liquid-Promoted Regioselective Thiocyanation of Aromatic and Heteroaromatic Compounds at Room Temperature. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 333-342.	0.8	10
25	Synthesis of a Novel Hydrogel Nanocomposite Coated on Cotton Fabric for Water/Oil Separation. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	21
26	Magnetic and K <sup>+</sup> -cross-linked kappa-carrageenan nanocomposite beads and adsorption of crystal violet. <i>Iranian Polymer Journal (English Edition)</i> , 2014, 23, 335-344.	1.3	48
27	Synthesis, Characterization and Swelling Properties of Chitosan/Poly(acrylic acid-co-crotonic acid) Semi-Interpenetrating Polymer Networks. <i>Porrime</i> , 2014, 38, 588-595.	0.0	1
28	Synthesis and properties of collagen-g-poly(sodium acrylate-co-2-hydroxyethylacrylate) superabsorbent hydrogels. <i>Brazilian Journal of Chemical Engineering</i> , 2013, 30, 379-389.	0.7	43
29	Optimization of Environmental-Chemical Factors Affecting on Swelling Capacity of a Novel Protein-Based Hydrogel. <i>Biomedical and Pharmacology Journal</i> , 2011, 4, 245-248.	0.2	0
30	STUDIES ON GRAFT COPOLYMERIZATION OF 2-HYDROXYETHYLMETHACRYLATE ONTO KAPPA-CARRAGEENAN INITIATED BY CERIC AMMONIUM NITRATE. <i>Journal of the Chilean Chemical Society</i> , 2010, 55, 497-502.	0.5	11
31	Controlled release of diclofenac sodium from pH-responsive carrageenan-g-poly(acrylic acid) superabsorbent hydrogel. <i>Journal of Chemical Sciences</i> , 2010, 122, 651-659.	0.7	49
32	Synthesis and Properties of Partially Hydrolyzed Acrylonitrile-co-Acrylamide Superabsorbent Hydrogel. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 3163-3172.	1.0	19
33	Ceric-initiated free radical graft copolymerization of acrylonitrile onto kappa carrageenan. <i>Journal of Applied Polymer Science</i> , 2009, 114, 404-412.	1.3	15
34	A new salt-resistant superabsorbent hydrogel based on kappa-carrageenan. <i>E-Polymers</i> , 2009, 9, .	1.3	2
35	Synthesis and superswelling behavior of carboxymethylcellulose-poly(sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 Td (	1.3	31
36	Synthesis of Starch-Poly(Sodium Acrylate-co-Acrylamide) Superabsorbent Hydrogel with Salt and pH-Responsiveness Properties as a Drug Delivery System. <i>Journal of Bioactive and Compatible Polymers</i> , 2008, 23, 381-404.	0.8	128

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37	Gelatin-G-Poly(Sodium Acrylate-co-Acrylamide)/Kaolin Superabsorbent Hydrogel Composites: Synthesis, Characterisation and Swelling Behaviour. <i>Polymers and Polymer Composites</i> , 2007, 15, 395-402.	1.0	13
38	Synthesis and super-swelling behavior of a novel protein-based superabsorbent hydrogel. <i>Polymer Bulletin</i> , 2006, 57, 813-824.	1.7	83
39	Synthesis of an alginate-poly(sodium acrylate-co-acrylamide) superabsorbent hydrogel with low salt sensitivity and high pH sensitivity. <i>Journal of Applied Polymer Science</i> , 2006, 101, 2927-2937.	1.3	26
40	Synthesis and absorbency of gelatin-graft-poly(sodium acrylate-co-acrylamide) superabsorbent hydrogel with salt and pH-responsiveness properties. <i>E-Polymers</i> , 2006, 6, .	1.3	9
41	Preparation and swelling behaviour of a novel anti-salt superabsorbent hydrogel based on kappa-carrageenan and sodium alginate grafted with polyacrylamide. <i>E-Polymers</i> , 2004, 4, .	1.3	9