

Hassan Namazi

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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.

101 papers	3,959 citations	40 h-index	61 g-index
105 ext. papers	4,859 ext. citations	5.1 avg, IF	6.82 L-index

#	Paper	IF	Citations
101	Carboxymethyl cellulose/graphene oxide bio-nanocomposite hydrogel beads as anticancer drug carrier agent. <i>Carbohydrate Polymers</i> , 2017 , 168, 320-326	10.3	193
100	One-pot synthesis of antibacterial chitosan/silver bio-nanocomposite hydrogel beads as drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 37-43	7.9	176
99	Doxorubicin loaded carboxymethyl cellulose/graphene quantum dot nanocomposite hydrogel films as a potential anticancer drug delivery system. <i>Materials Science and Engineering C</i> , 2018 , 87, 50-59	8.3	156
98	A potential bioactive wound dressing based on carboxymethyl cellulose/ZnO impregnated MCM-41 nanocomposite hydrogel. <i>Materials Science and Engineering C</i> , 2017 , 73, 456-464	8.3	143
97	Synthesis and characterization of antibacterial carboxymethyl cellulose/ZnO nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 136-41	7.9	126
96	Synthesis and characterization of antibacterial carboxymethylcellulose/CuO bio-nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015 , 73, 109-14	7.9	122
95	Antibiotic loaded carboxymethylcellulose/MCM-41 nanocomposite hydrogel films as potential wound dressing. <i>International Journal of Biological Macromolecules</i> , 2016 , 85, 327-34	7.9	115
94	pH sensitive nanocomposite hydrogel beads based on carboxymethyl cellulose/layered double hydroxide as drug delivery systems. <i>Journal of Polymer Research</i> , 2014 , 21, 1	2.7	108
93	Preparation and properties of carboxymethyl cellulose/layered double hydroxide bionanocomposite films. <i>Carbohydrate Polymers</i> , 2014 , 108, 83-90	10.3	99
92	Green one-pot synthesis of carboxymethylcellulose/Zn-based metal-organic framework/graphene oxide bio-nanocomposite as a nanocarrier for drug delivery system. <i>Carbohydrate Polymers</i> , 2019 , 208, 294-301	10.3	96
91	Facile synthesis of antibacterial chitosan/CuO bio-nanocomposite hydrogel beads. <i>International Journal of Biological Macromolecules</i> , 2016 , 82, 837-43	7.9	87
90	Facile synthesis of a MnFe ₂ O ₄ /rGO nanocomposite for an ultra-stable symmetric supercapacitor. <i>New Journal of Chemistry</i> , 2017 , 41, 4974-4984	3.6	87
89	Antibacterial carboxymethyl cellulose/Ag nanocomposite hydrogels cross-linked with layered double hydroxides. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 269-77	7.9	87
88	Carboxymethylcellulose capsulated Cu-based metal-organic framework-drug nanohybrid as a pH-sensitive nanocomposite for ibuprofen oral delivery. <i>International Journal of Biological Macromolecules</i> , 2018 , 119, 588-596	7.9	82
87	Solution proprieties of dendritic triazine/poly(ethylene glycol)/dendritic triazine block copolymers. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 28-41	2.5	77
86	Carboxymethylcellulose/MOF-5/Graphene oxide bio-nanocomposite as antibacterial drug nanocarrier agent. <i>Biolmpacts</i> , 2019 , 9, 5-13	3.5	70
85	Nanocrystalline cellulose acetate (NCCA)/graphene oxide (GO) nanocomposites with enhanced mechanical properties and barrier against water vapor. <i>Cellulose</i> , 2014 , 21, 3527-3539	5.5	70

84	Facile preparation of antibacterial chitosan/graphene oxide-Ag bio-nanocomposite hydrogel beads for controlled release of doxorubicin. <i>International Journal of Biological Macromolecules</i> , 2018 , 116, 54-63	7.9	68
83	Surface modification of starch nanocrystals through ring-opening polymerization of ϵ -caprolactone and investigation of their microstructures. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 2405-2412	2.9	68
82	Improving the proton conductivity and water uptake of polybenzimidazole-based proton exchange nanocomposite membranes with TiO ₂ and SiO ₂ nanoparticles chemically modified surfaces. <i>Journal of Power Sources</i> , 2011 , 196, 2573-2583	8.9	63
81	Antibacterial oxidized starch/ZnO nanocomposite hydrogel: Synthesis and evaluation of its swelling behaviours in various pHs and salt solutions. <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 578-584	7.9	63
80	Carboxymethylcellulose-coated 5-fluorouracil@MOF-5 nano-hybrid as a bio-nanocomposite carrier for the anticancer oral delivery. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 876-882	7.9	62
79	Cu-crosslinked carboxymethylcellulose/naproxen/graphene quantum dot nanocomposite hydrogel beads for naproxen oral delivery. <i>Carbohydrate Polymers</i> , 2018 , 195, 453-459	10.3	60
78	Synthesis and characterization of carboxymethyl cellulose/layered double hydroxide nanocomposites. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	59
77	Preparation and characterization of polyvinyl alcohol/ β -cyclodextrin/GO-Ag nanocomposite with improved antibacterial and strength properties. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 447-456	3.2	58
76	Synthesis of β -cyclodextrin-based dendrimer as a novel encapsulation agent. <i>Polymer International</i> , 2014 , 63, 1447-1455	3.3	57
75	Synthesis of polyvinyl alcohol/CuO nanocomposite hydrogel and its application as drug delivery agent. <i>Polymer Bulletin</i> , 2019 , 76, 1967-1983	2.4	56
74	Green encapsulation of LDH(Zn/Al)-5-Fu with carboxymethyl cellulose biopolymer; new nanovehicle for oral colorectal cancer treatment. <i>International Journal of Biological Macromolecules</i> , 2019 , 139, 994-1001	7.8	53
73	Surface modification of graphene oxide with stimuli-responsive polymer brush containing β -cyclodextrin as a pendant group: Preparation, characterization, and evaluation as controlled drug delivery agent. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 17-25	6	51
72	Solid state photoluminescence thermoplastic starch film containing graphene quantum dots. <i>Carbohydrate Polymers</i> , 2017 , 176, 220-226	10.3	51
71	Synthesis of magnetic citric-acid-functionalized graphene oxide and its application in the removal of methylene blue from contaminated water. <i>Polymer International</i> , 2014 , 63, 1881-1888	3.3	50
70	Sweet graphene I: toward hydrophilic graphene nanosheets via click grafting alkyne-saccharides onto azide-functionalized graphene oxide. <i>Carbohydrate Research</i> , 2014 , 396, 1-8	2.9	49
69	Surface grafting of reduced graphene oxide using nanocrystalline cellulose via click reaction. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	49
68	Application of Hybrid Organic/Inorganic Dendritic ABA Type Triblock Copolymers as New Nanocarriers in Drug Delivery Systems. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2011 , 60, 603-619	3	48
67	Graphene quantum dot cross-linked carboxymethyl cellulose nanocomposite hydrogel for pH-sensitive oral anticancer drug delivery with potential bioimaging properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 150, 1121-1129	7.9	48

66	Starch-g-lactic acid/montmorillonite nanocomposite: Synthesis, characterization and controlled drug release study. <i>Starch/Staerke</i> , 2016 , 68, 177-187	2.3	48
65	In situ synthesized chitosan/gelatin/ZnO nanocomposite scaffold with drug delivery properties: Higher antibacterial and lower cytotoxicity effects. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47590	2.9	46
64	Synthesis of Glycoconjugated Polymer Based on Polystyrene and Nanoporous β -Cyclodextrin to Remove Copper (II) From Water Pollution. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2014 , 63, 1-6	3	42
63	Synthesis and characterization of PEG-functionalized graphene oxide as an effective pH-sensitive drug carrier. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 90-94	6.1	40
62	Synthesis of the dendritic type β -cyclodextrin on primary face via click reaction applicable as drug nanocarrier. <i>Carbohydrate Polymers</i> , 2015 , 132, 205-13	10.3	39
61	Novel PH Sensitive Nanocarrier Agents Based on Citric Acid Dendrimers Containing Conjugated β -Cyclodextrins. <i>Advanced Pharmaceutical Bulletin</i> , 2011 , 1, 40-7	4.5	38
60	Carboxymethylcellulose/layered double hydroxides bio-nanocomposite hydrogel: A controlled amoxicillin nanocarrier for colonic bacterial infections treatment. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 1401-1409	7.9	37
59	Facile preparation of pH-sensitive chitosan microspheres for delivery of curcumin; characterization, drug release kinetics and evaluation of anticancer activity. <i>International Journal of Biological Macromolecules</i> , 2020 , 162, 501-511	7.9	34
58	Carboxymethyl cellulose/mesoporous magnetic graphene oxide as a safe and sustained ibuprofen delivery bio-system: Synthesis, characterization, and study of drug release kinetic. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 594, 124662	5.1	33
57	Synthesis of photoluminescent glycodendrimer with terminal β -cyclodextrin molecules as a biocompatible pH-sensitive carrier for doxorubicin delivery. <i>Carbohydrate Polymers</i> , 2020 , 246, 116658	10.3	32
56	Chelating ZnO-dopamine on the surface of graphene oxide and its application as pH-responsive and antibacterial nanohybrid delivery agent for doxorubicin. <i>Materials Science and Engineering C</i> , 2020 , 108, 110459	8.3	31
55	Preparation of efficient magnetic biosorbents by clicking carbohydrates onto graphene oxide. <i>Journal of Materials Science</i> , 2015 , 50, 5348-5361	4.3	28
54	Sonochemically synthesized blue fluorescent functionalized graphene oxide as a drug delivery system. <i>Ultrasonics Sonochemistry</i> , 2018 , 42, 124-133	8.9	28
53	Simple preparation of maltose-functionalized dendrimer/graphene quantum dots as a pH-sensitive biocompatible carrier for targeted delivery of doxorubicin. <i>International Journal of Biological Macromolecules</i> , 2020 , 156, 648-659	7.9	26
52	New Biopolymer Nanocomposite of Starch-Graft Polystyrene/Montmorillonite Clay Prepared Through Emulsion Polymerization Method. <i>Journal of Polymers and the Environment</i> , 2012 , 20, 794-800	4.5	26
51	Developments on carboxymethyl starch-based smart systems as promising drug carriers: A review. <i>Carbohydrate Polymers</i> , 2021 , 258, 117654	10.3	26
50	Preparation and Properties of Starch/Nanosilicate Layer/Polycaprolactone Composites. <i>Journal of Polymers and the Environment</i> , 2011 , 19, 980-987	4.5	23
49	Controlled release of linear-dendritic hybrids of carbosiloxane dendrimer: the effect of hybrid's amphiphilicity on drug-incorporation; hybrid-drug interactions and hydrolytic behavior of nanocarriers. <i>International Journal of Pharmaceutics</i> , 2011 , 407, 167-73	6.5	23

48	Synthesis of New Functionalized Citric Acid-based Dendrimers as Nanocarrier Agents for Drug Delivery. <i>BiolImpacts</i> , 2011 , 1, 63-9	3.5	23
47	Fabrication of biodendrimeric β -cyclodextrin via click reaction with potency of anticancer drug delivery agent. <i>International Journal of Biological Macromolecules</i> , 2015 , 79, 883-93	7.9	21
46	2,2[butane-1,4-diylbis(oxy)]dibenzaldehyde cross-linked magnetic chitosan nanoparticles as a new adsorbent for the removal of reactive red 239 from aqueous solutions. <i>Materials Chemistry and Physics</i> , 2018 , 212, 1-11	4.4	21
45	Simple method for fabrication of metal-organic framework within a carboxymethylcellulose/graphene quantum dots matrix as a carrier for anticancer drug. <i>International Journal of Biological Macromolecules</i> , 2020 , 164, 2301-2311	7.9	21
44	In vitro photo-controlled drug release system based on amphiphilic linear-dendritic diblock copolymers; self-assembly behavior and application as nanocarrier. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2011 , 14, 162-80	3.4	20
43	Synthesis of cellulose/reduced graphene oxide/polyaniline nanocomposite and its properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 675-682	3	19
42	Fabrication of triblock ABA type peptide dendrimer based on glutamic acid dimethyl ester and PEG as a potential nano drug delivery agent. <i>BiolImpacts</i> , 2014 , 4, 175-82	3.5	18
41	Synthesis of supramolecular biodendrimeric ECD-(spacer-ECD)21 via click reaction and evaluation of its application as anticancer drug delivery agent. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2016 , 65, 487-496	3	18
40	Fe ₃ O ₄ @PEG-coated dendrimer modified graphene oxide nanocomposite as a pH-sensitive drug carrier for targeted delivery of doxorubicin. <i>Journal of Alloys and Compounds</i> , 2021 , 879, 160426	5.7	17
39	Synthesis of graphene oxide supported copper/cobalt ferrite material functionalized by arginine amino acid as a new high performance catalyst. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e3965	3.1	14
38	Electrospun silk fibroin/ β -cyclodextrin citrate nanofibers as a novel biomaterial for application in controlled drug release. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 69, 211-221	3	14
37	Hybrid organic/inorganic dendritic triblock copolymers: Synthesis, nanostructure characterization, and micellar behavior. <i>Journal of Applied Polymer Science</i> , 2010 , 117, 1085-1094	2.9	13
36	A photoluminescent folic acid-derived carbon dot functionalized magnetic dendrimer as a pH-responsive carrier for targeted doxorubicin delivery. <i>New Journal of Chemistry</i> , 2021 , 45, 6397-6405	3.6	12
35	Preparation of the new derivatives of cellulose and oligomeric species of cellulose containing magnesium II chromophore. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 4034-4039	2.9	11
34	Preparation of Anion-Exchange Resin Based on Styrene-Divinylbenzene Copolymer Obtained by Suspension Polymerization Method. <i>Polymer-Plastics Technology and Engineering</i> , 2011 , 50, 1606-1612		10
33	Peripherally functionalized based dendrimers as the template for synthesis of silver nanoparticles and investigation the affecting factors on their properties. <i>Polymer Bulletin</i> , 2019 , 76, 4659-4675	2.4	9
32	Synthesis and identification of new thermostable polyamides containing xanthene units with antibacterial properties and relevant composite grafted with modified GO nanoparticles. <i>Reactive and Functional Polymers</i> , 2021 , 158, 104780	4.6	9
31	Preparation of Electrically Conductive Biocompatible Nanocomposites of Natural Polymer Nanocrystals With Polyaniline via In Situ Chemical Oxidative Polymerization. <i>Polymer Composites</i> , 2017 , 38, E49-E56	3	8

30	Star-shaped polylactic acid-based triazine dendrimers: the catalyst type and time factors influence on polylactic acid molecular weight. <i>Iranian Polymer Journal (English Edition)</i> , 2020 , 29, 423-432	2.3	7
29	Synthesis of citric-acid-based dendrimers decorated with ferrocenyl groups and investigation of their electroactivity. <i>Polymer Bulletin</i> , 2017 , 74, 3783-3796	2.4	6
28	Stimuli-Responsive Core Multishell Dendritic Nanocarriers. <i>Macromolecular Chemistry and Physics</i> , 2017 , 218, 1600525	2.6	6
27	Synthesis of Novel Organosiliconsulfur-Containing Tetrasubstituted Imidazoles Sonocatalyzed by $\text{LaSr}_{1-x}\text{Fe}_x\text{Co}_2\text{O}_7$ Nanoperovskites. <i>Synthetic Communications</i> , 2015 , 45, 1205-1214	1.7	6
26	Investigation on some physicochemical properties of guest-conjugated and -incorporated hybrid organic/inorganic linear-dendritic nanocarriers. <i>Journal of Polymer Research</i> , 2011 , 18, 1431-1440	2.7	6
25	Novel poly(imide-ether)s based on xanthene and a corresponding composite reinforced with a GO grafted hyperbranched polymer: fabrication, characterization, and thermal, photophysical, antibacterial and chromium adsorption properties. <i>New Journal of Chemistry</i> , 2020 , 44, 17346-17359	3.6	6
24	Nickel-substituted cobalt ferrite nanoparticles supported on arginine-modified graphene oxide nanosheets: Synthesis and catalytic activity. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3859	3.1	5
23	Synthesis and characterization of liquid crystalline diethanolamine-based dendrimers. <i>Polymers for Advanced Technologies</i> , 2009 , 20, 1127-1135	3.2	5
22	Nontoxic double-network polymeric hybrid aerogel functionalized with reduced graphene oxide: Preparation, characterization, and evaluation as drug delivery agent. <i>Journal of Polymer Research</i> , 2022 , 29, 1	2.7	5
21	Oxidized starch/CuO bio-nanocomposite hydrogels as an antibacterial and stimuli-responsive agent with potential colon-specific naproxen delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2020 , 1-10	3	5
20	Drug nanocarrier agents based on starch-g-amino acids. <i>BioImpacts</i> , 2018 , 8, 99-106	3.5	5
19	Synthesis and characterization of blue fluorescent surface modified nano-graphene oxide flakes as a pH-sensitive drug delivery system. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	4
18	Application or function of citric acid in drug delivery platforms. <i>Medicinal Research Reviews</i> , 2021 ,	14.4	4
17	Design and fabrication of photoactive imidazole-based poly(ether-imide)s and a polyimide/HBP-modified SiO_2 composite: toward high heat-resistance, antimicrobial activity and removal of heavy metal ions.. <i>RSC Advances</i> , 2021 , 11, 23574-23588	3.7	4
16	Carboxymethyl starch encapsulated 5-FU and DOX co-loaded layered double hydroxide for evaluation of its in vitro performance as a drug delivery agent.. <i>International Journal of Biological Macromolecules</i> , 2022 , 201, 193-202	7.9	3
15	Carbon fiber/epoxy resin/ γ -aluminum oxide nanocomposites; fabrication, mechanical and thermal analysis. <i>Iranian Polymer Journal (English Edition)</i> , 2021 , 30, 523-533	2.3	3
14	Design and synthesis of vinylic glycomonomers and glycopolymer based on D-glucofuranose moieties. <i>Journal of Polymer Research</i> , 2019 , 26, 1	2.7	3
13	Chitosan coated $\text{FeO}@\text{Cd-MOF}$ microspheres as an effective adsorbent for the removal of the amoxicillin from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 108-117	7.9	3

12	Synthesis of folic acid-conjugated glycodendrimer with magnetic β -cyclodextrin core as a pH-responsive system for tumor-targeted co-delivery of doxorubicin and curcumin. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 627, 127205	5.1	2
11	The preparation of novel poly(ether-amide)s based on spiro[fluorene-9,9'-xanthene] and a polyamide/polymer-coated ZnO nanocomposite: thermal, optical, biological, and methylene blue dye adsorption attributes. <i>Polymer Chemistry</i> , 2022 , 13, 693-708	4.9	1
10	Folic acid-modified photoluminescent dialdehyde carboxymethyl cellulose crosslinked bionanogels for pH-controlled and tumor-targeted co-drug delivery.. <i>International Journal of Biological Macromolecules</i> , 2022 , 200, 247-262	7.9	1
9	Magnetic alginate/glycodendrimer beads for efficient removal of tetracycline and amoxicillin from aqueous solutions.. <i>International Journal of Biological Macromolecules</i> , 2022 , 205, 128-140	7.9	1
8	Surface modification of multiwalled carbon nanotubes via surface RAFT copolymerization method and capecitabine-loaded anticancer hydrogel for controlled drug delivery in stomach. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 1812-1821	1.5	0
7	Simple fabrication of multifunctional hyperbranched copolymer based on l-lysine and citric acid for co-delivery of anticancer drugs to breast cancer cells. <i>Reactive and Functional Polymers</i> , 2021 , 170, 105101	4.6	0
6	New glyco-copolymers containing D-glucofuranose and D-mannofuranose groups synthesized by free-radical polymerization of sugar-based monomers. <i>Polymer Bulletin</i> , 1	2.4	0
5	Facile synthesis of Zn-based metal-organic framework in the presence of carboxymethyl cellulose: A safe carrier for ibuprofen. <i>International Journal of Biological Macromolecules</i> , 2021 , 191, 531-539	7.9	0
4	Polyamidation of new diamine monomers containing bulky pendant groups based on imidazole ring and fabrication of polyamide/modified-SiO ₂ composite: Properties and applications. <i>Journal of Applied Polymer Science</i> , 51939	2.9	
3	New polymer systems based on polyethylene glycol: synthesis, characterization, and study of the solubility behavior. <i>Polymer Bulletin</i> , 2020 , 77, 5663-5680	2.4	
2	Improve the performance of proton exchange membranes based on sulfopropylated amino polyethersulfone/poly [2,2'-(m-pyrazolidene)-5,5'-bibenzimidazole] blend through SiO ₂ nanoparticles importing. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	
1	Cluster of D-maltose clicked to β -cyclodextrin: preparation and its application as a biocompatible drug delivery nanovehicle. <i>Soft Materials</i> , 1-11	1.7	