Hassan Namazi

List of Publications by Year in Descending Order

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	Nontoxic double-network polymeric hybrid aerogel functionalized with reduced graphene oxide: Preparation, characterization, and evaluation as drug delivery agent. *Journal of Polymer Research*, **2022**, 29, 1	2.7	5
100	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. *Polymer Chemistry*, **2022**, 13, 693-708	4.9	1
99	Folic acid-modified photoluminescent dialdehyde carboxymethyl cellulose crosslinked bionanogels for pH-controlled and tumor-targeted co-drug delivery.. *International Journal of Biological Macromolecules*, **2022**, 200, 247-262	7.9	1
98	Carboxymethyl starch encapsulated 5-FU and DOX co-loaded layered double hydroxide for evaluation of its in vitro performance as a drug delivery agent.. *International Journal of Biological Macromolecules*, **2022**, 201, 193-202	7.9	3
97	Magnetic alginate/glycodendrimer beads for efficient removal of tetracycline and amoxicillin from aqueous solutions.. *International Journal of Biological Macromolecules*, **2022**, 205, 128-140	7.9	1
96	Simple fabrication of multifunctional hyperbranched copolymer based on l-lysine and citric acid for co-delivery of anticancer drugs to breast cancer cells. *Reactive and Functional Polymers*, **2021**, 170, 105101	4.6	0
95	Application or function of citric acid in drug delivery platforms. *Medicinal Research Reviews*, **2021**,	14.4	4
94	Carbon fiber/epoxy resin/□aluminum oxide nanocomposites; fabrication, mechanical and thermal analysis. *Iranian Polymer Journal (English Edition)*, **2021**, 30, 523-533	2.3	3
93	Developments on carboxymethyl starch-based smart systems as promising drug carriers: A review. *Carbohydrate Polymers*, **2021**, 258, 117654	10.3	26
92	Improve the performance of proton exchange membranes based on sulfopropylated amino polyethersulfone/poly [2,2?-(m-pyrazolidene)-5,5?-bibenzimidazole] blend through SiO2 nanoparticles importing. *Journal of Polymer Research*, **2021**, 28, 1	2.7	
91	Synthesis and identification of new thermostable polyamides containing xanthene units with antibacterial properties and relevant composite grafted with modified GO nanoparticles. *Reactive and Functional Polymers*, **2021**, 158, 104780	4.6	9
90	Design and fabrication of photoactive imidazole-based poly(ether-imide)s and a polyimide/HBP-modified SiO composite: toward high heat-resistance, antimicrobial activity and removal of heavy metal ions.. *RSC Advances*, **2021**, 11, 23574-23588	3.7	4
89	Synthesis of folic acid-conjugated glycodendrimer with magnetic □cyclodextrin core as a pH-responsive system for tumor-targeted co-delivery of doxorubicin and curcumin. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2021**, 627, 127205	5.1	2
88	Fe3O4@PEG-coated dendrimer modified graphene oxide nanocomposite as a pH-sensitive drug carrier for targeted delivery of doxorubicin. *Journal of Alloys and Compounds*, **2021**, 879, 160426	5.7	17
87	Facile synthesis of Zn-based metal-organic framework in the presence of carboxymethyl cellulose: A safe carrier for ibuprofen. *International Journal of Biological Macromolecules*, **2021**, 191, 531-539	7.9	0
86	Chitosan coated FeO@Cd-MOF microspheres as an effective adsorbent for the removal of the amoxicillin from aqueous solution. *International Journal of Biological Macromolecules*, **2021**, 191, 108-117	7.9	3
85	A photoluminescent folic acid-derived carbon dot functionalized magnetic dendrimer as a pH-responsive carrier for targeted doxorubicin delivery. *New Journal of Chemistry*, **2021**, 45, 6397-6405	3.6	12

84	Surface modification of multiwalled carbon nanotubes via surface RAFT copolymerization method and capecitabine-loaded anticancer hydrogel for controlled drug delivery in stomach. *Polymer-Plastics Technology and Materials*, **2020**, 59, 1812-1821	1.5	0
83	Synthesis of photoluminescent glycodendrimer with terminal β-cyclodextrin molecules as a biocompatible pH-sensitive carrier for doxorubicin delivery. *Carbohydrate Polymers*, **2020**, 246, 116658	10.3	32
82	Carboxymethyl cellulose/mesoporous magnetic graphene oxide as a safe and sustained ibuprofen delivery bio-system: Synthesis, characterization, and study of drug release kinetic. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2020**, 594, 124662	5.1	33
81	Facile preparation of pH-sensitive chitosan microspheres for delivery of curcumin; characterization, drug release kinetics and evaluation of anticancer activity. *International Journal of Biological Macromolecules*, **2020**, 162, 501-511	7.9	34
80	Star-shaped polylactic acid-based triazine dendrimers: the catalyst type and time factors influence on polylactic acid molecular weight. *Iranian Polymer Journal (English Edition)*, **2020**, 29, 423-432	2.3	7
79	Simple preparation of maltose-functionalized dendrimer/graphene quantum dots as a pH-sensitive biocompatible carrier for targeted delivery of doxorubicin. *International Journal of Biological Macromolecules*, **2020**, 156, 648-659	7.9	26
78	Carboxymethylcellulose/layered double hydroxides bio-nanocomposite hydrogel: A controlled amoxicillin nanocarrier for colonic bacterial infections treatment. *International Journal of Biological Macromolecules*, **2020**, 155, 1401-1409	7.9	37
77	Carboxymethylcellulose-coated 5-fluorouracil@MOF-5 nano-hybrid as a bio-nanocomposite carrier for the anticancer oral delivery. *International Journal of Biological Macromolecules*, **2020**, 155, 876-882	7.9	62
76	New polymer systems based on polyethylene glycol: synthesis, characterization, and study of the solubility behavior. *Polymer Bulletin*, **2020**, 77, 5663-5680	2.4	
75	Chelating ZnO-dopamine on the surface of graphene oxide and its application as pH-responsive and antibacterial nanohybrid delivery agent for doxorubicin. *Materials Science and Engineering C*, **2020**, 108, 110459	8.3	31
74	Graphene quantum dot cross-linked carboxymethyl cellulose nanocomposite hydrogel for pH-sensitive oral anticancer drug delivery with potential bioimaging properties. *International Journal of Biological Macromolecules*, **2020**, 150, 1121-1129	7.9	48
73	Oxidized starch/CuO bio-nanocomposite hydrogels as an antibacterial and stimuli-responsive agent with potential colon-specific naproxen delivery. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2020**, 1-10	3	5
72	Simple method for fabrication of metal-organic framework within a carboxymethylcellulose/graphene quantum dots matrix as a carrier for anticancer drug. *International Journal of Biological Macromolecules*, **2020**, 164, 2301-2311	7.9	21
71	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. *New Journal of Chemistry*, **2020**, 44, 17346-17359	3.6	6
70	Electrospun silk fibroin/β-cyclodextrin citrate nanofibers as a novel biomaterial for application in controlled drug release. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2020**, 69, 211-221	3	14
69	Synthesis and characterization of PEG-functionalized graphene oxide as an effective pH-sensitive drug carrier. *Artificial Cells, Nanomedicine and Biotechnology*, **2019**, 47, 90-94	6.1	40
68	In situ synthesized chitosan–gelatin/ZnO nanocomposite scaffold with drug delivery properties: Higher antibacterial and lower cytotoxicity effects. *Journal of Applied Polymer Science*, **2019**, 136, 47590	2.9	46
67	Carboxymethylcellulose/MOF-5/Graphene oxide bio-nanocomposite as antibacterial drug nanocarrier agent. *BioImpacts*, **2019**, 9, 5-13	3.5	70

66	Synthesis of polyvinyl alcohol/CuO nanocomposite hydrogel and its application as drug delivery agent. *Polymer Bulletin*, **2019**, 76, 1967-1983	2.4	56
65	Green encapsulation of LDH(Zn/Al)-5-Fu with carboxymethyl cellulose biopolymer; new nanovehicle for oral colorectal cancer treatment. *International Journal of Biological Macromolecules*, **2019**, 139, 994-1001	7.9	53
64	Design and synthesis of vinylic glycomonomers and glycopolymer based on D-glucofuranose moieties. *Journal of Polymer Research*, **2019**, 26, 1	2.7	3
63	Green one-pot synthesis of carboxymethylcellulose/Zn-based metal-organic framework/graphene oxide bio-nanocomposite as a nanocarrier for drug delivery system. *Carbohydrate Polymers*, **2019**, 208, 294-301	10.3	96
62	Antibacterial oxidized starch/ZnO nanocomposite hydrogel: Synthesis and evaluation of its swelling behaviours in various pHs and salt solutions. *International Journal of Biological Macromolecules*, **2019**, 126, 578-584	7.9	63
61	Peripherally functionalized based dendrimers as the template for synthesis of silver nanoparticles and investigation the affecting factors on their properties. *Polymer Bulletin*, **2019**, 76, 4659-4675	2.4	9
60	Preparation and characterization of polyvinyl alcohol/cyclodextrin/GO-Ag nanocomposite with improved antibacterial and strength properties. *Polymers for Advanced Technologies*, **2019**, 30, 447-456	3.2	58
59	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. *Materials Chemistry and Physics*, **2018**, 212, 1-11	4.4	21
58	Doxorubicin loaded carboxymethyl cellulose/graphene quantum dot nanocomposite hydrogel films as a potential anticancer drug delivery system. *Materials Science and Engineering C*, **2018**, 87, 50-59	8.3	156
57	Facile preparation of antibacterial chitosan/graphene oxide-Ag bio-nanocomposite hydrogel beads for controlled release of doxorubicin. *International Journal of Biological Macromolecules*, **2018**, 116, 54-63	7.9	68
56	Cu-crosslinked carboxymethylcellulose/naproxen/graphene quantum dot nanocomposite hydrogel beads for naproxen oral delivery. *Carbohydrate Polymers*, **2018**, 195, 453-459	10.3	60
55	Synthesis of graphene oxide supported copper–cobalt ferrite material functionalized by arginine amino acid as a new high-performance catalyst. *Applied Organometallic Chemistry*, **2018**, 32, e3965	3.1	14
54	Carboxymethylcellulose capsulated Cu-based metal-organic framework-drug nanohybrid as a pH-sensitive nanocomposite for ibuprofen oral delivery. *International Journal of Biological Macromolecules*, **2018**, 119, 588-596	7.9	82
53	Surface modification of graphene oxide with stimuli-responsive polymer brush containing cyclodextrin as a pendant group: Preparation, characterization, and evaluation as controlled drug delivery agent. *Colloids and Surfaces B: Biointerfaces*, **2018**, 172, 17-25	6	51
52	Synthesis and characterization of blue fluorescent surface modified nano-graphene oxide flakes as a pH-sensitive drug delivery system. *Applied Physics A: Materials Science and Processing*, **2018**, 124, 1	2.6	4
51	Sonochemically synthesized blue fluorescent functionalized graphene oxide as a drug delivery system. *Ultrasonics Sonochemistry*, **2018**, 42, 124-133	8.9	28
50	Drug nanocarrier agents based on starch-g-amino acids. *BioImpacts*, **2018**, 8, 99-106	3.5	5
49	Preparation of Electrically Conductive Biocompatible Nanocomposites of Natural Polymer Nanocrystals With Polyaniline via In Situ Chemical Oxidative Polymerization. *Polymer Composites*, **2017**, 38, E49-E56	3	8

48	Synthesis of citric-acid-based dendrimers decorated with ferrocenyl groups and investigation of their electroactivity. *Polymer Bulletin*, **2017**, 74, 3783-3796	2.4	6
47	Carboxymethyl cellulose/graphene oxide bio-nanocomposite hydrogel beads as anticancer drug carrier agent. *Carbohydrate Polymers*, **2017**, 168, 320-326	10.3	193
46	Stimuli-Responsive Core Multishell Dendritic Nanocarriers. *Macromolecular Chemistry and Physics*, **2017**, 218, 1600525	2.6	6
45	Facile synthesis of a MnFe2O4/rGO nanocomposite for an ultra-stable symmetric supercapacitor. *New Journal of Chemistry*, **2017**, 41, 4974-4984	3.6	87
44	Nickel-substituted cobalt ferrite nanoparticles supported on arginine-modified graphene oxide nanosheets: Synthesis and catalytic activity. *Applied Organometallic Chemistry*, **2017**, 31, e3859	3.1	5
43	A potential bioactive wound dressing based on carboxymethyl cellulose/ZnO impregnated MCM-41 nanocomposite hydrogel. *Materials Science and Engineering C*, **2017**, 73, 456-464	8.3	143
42	Solid state photoluminescence thermoplastic starch film containing graphene quantum dots. *Carbohydrate Polymers*, **2017**, 176, 220-226	10.3	51
41	Facile synthesis of antibacterial chitosan/CuO bio-nanocomposite hydrogel beads. *International Journal of Biological Macromolecules*, **2016**, 82, 837-43	7.9	87
40	Antibiotic loaded carboxymethylcellulose/MCM-41 nanocomposite hydrogel films as potential wound dressing. *International Journal of Biological Macromolecules*, **2016**, 85, 327-34	7.9	115
39	Starch-g-lactic acid/montmorillonite nanocomposite: Synthesis, characterization and controlled drug release study. *Starch/Staerke*, **2016**, 68, 177-187	2.3	48
38	Synthesis of supramolecular biodendrimeric □CD-(spacer-□CD)21 via click reaction and evaluation of its application as anticancer drug delivery agent. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2016**, 65, 487-496	3	18
37	Synthesis of cellulose/reduced graphene oxide/polyaniline nanocomposite and its properties. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2016**, 65, 675-682	3	19
36	Synthesis of Novel Organosiliconsulfur-Containing Tetrasubstituted Imidazoles Sonocatalyzed by LaxSr1□FeyCo1□O3 Nanoperovskites. *Synthetic Communications*, **2015**, 45, 1205-1214	1.7	6
35	Synthesis of the dendritic type □cyclodextrin on primary face via click reaction applicable as drug nanocarrier. *Carbohydrate Polymers*, **2015**, 132, 205-13	10.3	39
34	Fabrication of biodendrimeric □cyclodextrin via click reaction with potency of anticancer drug delivery agent. *International Journal of Biological Macromolecules*, **2015**, 79, 883-93	7.9	21
33	One-pot synthesis of antibacterial chitosan/silver bio-nanocomposite hydrogel beads as drug delivery systems. *International Journal of Biological Macromolecules*, **2015**, 79, 37-43	7.9	176
32	Preparation of efficient magnetic biosorbents by clicking carbohydrates onto graphene oxide. *Journal of Materials Science*, **2015**, 50, 5348-5361	4.3	28
31	Antibacterial carboxymethyl cellulose/Ag nanocomposite hydrogels cross-linked with layered double hydroxides. *International Journal of Biological Macromolecules*, **2015**, 79, 269-77	7.9	87

30	Synthesis and characterization of antibacterial carboxymethyl cellulose/ZnO nanocomposite hydrogels. *International Journal of Biological Macromolecules*, **2015**, 74, 136-41	7.9	126
29	Synthesis and characterization of antibacterial carboxymethylcellulose/CuO bio-nanocomposite hydrogels. *International Journal of Biological Macromolecules*, **2015**, 73, 109-14	7.9	122
28	Synthesis of Ecyclodextrin-based dendrimer as a novel encapsulation agent. *Polymer International*, **2014**, 63, 1447-1455	3.3	57
27	pH sensitive nanocomposite hydrogel beads based on carboxymethyl cellulose/layered double hydroxide as drug delivery systems. *Journal of Polymer Research*, **2014**, 21, 1	2.7	108
26	Synthesis of magnetic citric-acid-functionalized graphene oxide and its application in the removal of methylene blue from contaminated water. *Polymer International*, **2014**, 63, 1881-1888	3.3	50
25	Nanocrystalline cellulose acetate (NCCA)/graphene oxide (GO) nanocomposites with enhanced mechanical properties and barrier against water vapor. *Cellulose*, **2014**, 21, 3527-3539	5.5	70
24	Sweet graphene I: toward hydrophilic graphene nanosheets via click grafting alkyne-saccharides onto azide-functionalized graphene oxide. *Carbohydrate Research*, **2014**, 396, 1-8	2.9	49
23	Surface grafting of reduced graphene oxide using nanocrystalline cellulose via click reaction. *Journal of Nanoparticle Research*, **2014**, 16, 1	2.3	49
22	Synthesis of Glycoconjugated Polymer Based on Polystyrene and Nanoporous Ecyclodextrin to Remove Copper (II) From Water Pollution. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2014**, 63, 1-6	3	42
21	Fabrication of triblock ABA type peptide dendrimer based on glutamic acid dimethyl ester and PEG as a potential nano drug delivery agent. *BioImpacts*, **2014**, 4, 175-82	3.5	18
20	Preparation and properties of carboxymethyl cellulose/layered double hydroxide bionanocomposite films. *Carbohydrate Polymers*, **2014**, 108, 83-90	10.3	99
19	Synthesis and characterization of carboxymethyl cellulose/layered double hydroxide nanocomposites. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	59
18	New Biopolymer Nanocomposite of Starch-Graft Polystyrene/Montmorillonite Clay Prepared Through Emulsion Polymerization Method. *Journal of Polymers and the Environment*, **2012**, 20, 794-800	4.5	26
17	Preparation of Anion-Exchange Resin Based on Styrene-Divinylbenzene Copolymer Obtained by Suspension Polymerization Method. *Polymer-Plastics Technology and Engineering*, **2011**, 50, 1606-1612		10
16	In vitro photo-controlled drug release system based on amphiphilic linear-dendritic diblock copolymers; self-assembly behavior and application as nanocarrier. *Journal of Pharmacy and Pharmaceutical Sciences*, **2011**, 14, 162-80	3.4	20
15	Preparation and Properties of Starch/Nanosilicate Layer/Polycaprolactone Composites. *Journal of Polymers and the Environment*, **2011**, 19, 980-987	4.5	23
14	Investigation on some physicochemical properties of guest-conjugated and -incorporated hybrid organic/inorganic linear-dendritic nanocarriers. *Journal of Polymer Research*, **2011**, 18, 1431-1440	2.7	6
13	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. *International Journal of Pharmaceutics*, **2011**, 407, 167-73	6.5	23

12	Improving the proton conductivity and water uptake of polybenzimidazole-based proton exchange nanocomposite membranes with TiO2 and SiO2 nanoparticles chemically modified surfaces. *Journal of Power Sources*, **2011**, 196, 2573-2583	8.9	63
11	Application of Hybrid Organic/Inorganic Dendritic ABA Type Triblock Copolymers as New Nanocarriers in Drug Delivery Systems. *International Journal of Polymeric Materials and Polymeric Biomaterials*, **2011**, 60, 603-619	3	48
10	Novel PH Sensitive Nanocarrier Agents Based on Citric Acid Dendrimers Containing Conjugated Cyclodextrins. *Advanced Pharmaceutical Bulletin*, **2011**, 1, 40-7	4.5	38
9	Synthesis of New Functionalized Citric Acid-based Dendrimers as Nanocarrier Agents for Drug Delivery. *BioImpacts*, **2011**, 1, 63-9	3.5	23
8	Hybrid organic/inorganic dendritic triblock copolymers: Synthesis, nanostructure characterization, and micellar behavior. *Journal of Applied Polymer Science*, **2010**, 117, 1085-1094	2.9	13
7	Synthesis and characterization of liquid crystalline diethanolamine-based dendrimers. *Polymers for Advanced Technologies*, **2009**, 20, 1127-1135	3.2	5
6	Surface modification of starch nanocrystals through ring-opening polymerization of caprolactone and investigation of their microstructures. *Journal of Applied Polymer Science*, **2008**, 110, 2405-2412	2.9	68
5	Preparation of the new derivatives of cellulose and oligomeric species of cellulose containing magneson II chromophore. *Journal of Applied Polymer Science*, **2008**, 110, 4034-4039	2.9	11
4	Solution proprieties of dendritic triazine/poly(ethylene glycol)/dendritic triazine block copolymers. *Journal of Polymer Science Part A*, **2005**, 43, 28-41	2.5	77
3	Polyamidation of new diamine monomers containing bulky pendant groups based on imidazole ring and fabrication of polyamide/modified-SiO2 composite: Properties and applications. *Journal of Applied Polymer Science*,51939	2.9	
2	New glyco-copolymers containing D-glucofuranose and D-mannofuranose groups synthesized by free-radical polymerization of sugar-based monomers. *Polymer Bulletin*,1	2.4	0
1	Cluster of D-maltose clicked to cyclodextrin: preparation and its application as a biocompatible drug delivery nanovehicle. *Soft Materials*,1-11	1.7	