

Mina Namvari

List of Publications by Year in Descending Order

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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.

83 papers	3,497 citations	36 h-index	57 g-index
86 ext. papers	4,382 ext. citations	5.7 avg, IF	6.79 L-index

#	Paper	IF	Citations
83	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
82	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
81	Dual anticancer drug delivery of D-galactose-functionalized stimuli-responsive nanogels for targeted therapy of the liver hepatocellular carcinoma. <i>European Polymer Journal</i> , 2022 , 167, 111061	5.2	4
80	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
79	Chitosan Based Nanocomposites for Drug Delivery Application. <i>Materials Horizons</i> , 2022 , 135-201	0.6	0
78	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
77	Developing a new photoluminescent, nanoporous, and biocompatible glycodendrimer for smart hepatic cancer treatment. <i>European Polymer Journal</i> , 2021 , 161, 110866	5.2	2
76	Application or function of citric acid in drug delivery platforms. <i>Medicinal Research Reviews</i> , 2021 ,	14.4	4
75	Advances in development of the dendrimers having natural saccharides in their structure for efficient and controlled drug delivery applications. <i>European Polymer Journal</i> , 2021 , 148, 110356	5.2	22
74	Developments on carboxymethyl starch-based smart systems as promising drug carriers: A review. <i>Carbohydrate Polymers</i> , 2021 , 258, 117654	10.3	26
73	Photoluminescent folic acid functionalized biocompatible and stimuli-responsive nanostructured polymer brushes for targeted and controlled delivery of doxorubicin. <i>European Polymer Journal</i> , 2021 , 156, 110610	5.2	9
72	Fabrication of a smart and biocompatible brush copolymer decorated on magnetic graphene oxide hybrid nanostructure for drug delivery application. <i>European Polymer Journal</i> , 2021 , 142, 110126	5.2	19
71	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
70	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
69	Chitosan coated FeO@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
68	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
67	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

66	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
65	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
64	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
63	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
62	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
61	Application of polysaccharide-based hydrogels for water treatments 2020 , 411-455		25
60	Mixed-dimensional heterostructures of hydrophobic/hydrophilic graphene foam for tunable hydrogen evolution reaction. <i>Chemosphere</i> , 2020 , 245, 125607	8.4	20
59	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
58	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	
57	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
56	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
55	pH-sensitive ternary Fe ₃ O ₄ /GQDs@G hybrid microspheres; Synthesis, characterization and drug delivery application. <i>Journal of Alloys and Compounds</i> , 2020 , 846, 156419	5.7	25
54	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
53	Polydopamine-graphene/AgPd nanocomposite as sustainable catalyst for reduction of nitrophenol compounds and dyes in environment. <i>Materials Chemistry and Physics</i> , 2019 , 234, 38-47	4.4	17
52	Carboxymethylcellulose/MOF-5/Graphene oxide bio-nanocomposite as antibacterial drug nanocarrier agent. <i>BioImpacts</i> , 2019 , 9, 5-13	3.5	70
51	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
50	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
49	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

48	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
47	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
46	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
45	Preparation and characterization of polyvinyl alcohol/βcyclodextrin/GO-Ag nanocomposite with improved antibacterial and strength properties. <i>Polymers for Advanced Technologies</i> , 2019 , 30, 447-456	3.2	58
44	Large amplitude oscillatory shear behavior of graphene derivative/polydimethylsiloxane nanocomposites. <i>Rheologica Acta</i> , 2018 , 57, 429-443	2.3	14
43	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
42	Synthesis of gelatin-based biodegradable hydrogel nanocomposite and their application as drug delivery agent. <i>Advances in Polymer Technology</i> , 2018 , 37, 2625-2635	1.9	68
41	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
40	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
39	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
38	βCyclodextrin grafted magnetic graphene oxide applicable as cancer drug delivery agent: Synthesis and characterization. <i>Materials Chemistry and Physics</i> , 2018 , 218, 62-69	4.4	63
37	Surface modification of graphene oxide with stimuli-responsive polymer brush containing βcyclodextrin 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
36	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
35	Sonochemically synthesized blue fluorescent functionalized graphene oxide as a drug delivery system. <i>Ultrasonics Sonochemistry</i> , 2018 , 42, 124-133	8.9	28
34	Blue fluorescent graphene oxide hybrid: Synthesis, characterization, and application as a drug delivery system. <i>Journal of Drug Delivery Science and Technology</i> , 2018 , 48, 355-362	4.5	8
33	Carboxymethyl cellulose/graphene oxide bio-nanocomposite hydrogel beads as anticancer drug carrier agent. <i>Carbohydrate Polymers</i> , 2017 , 168, 320-326	10.3	193
32	Graphene oxide-based silsesquioxane-crosslinked networks: Synthesis and rheological behavior. <i>RSC Advances</i> , 2017 , 7, 21531-21540	3.7	12
31	Crosslinking hydroxylated reduced graphene oxide with RAFT-CTA: A nano-initiator for preparation of well-defined amino acid-based polymer nanohybrids. <i>Journal of Colloid and Interface Science</i> , 2017 , 504, 731-740	9.3	11

30	Reduced graphene oxide composites with water soluble copolymers having tailored lower critical solution temperatures and unique tube-like structure. <i>Scientific Reports</i> , 2017 , 7, 44508	4.9	16
29	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
28	Synthesis of scalable and tunable slightly oxidized graphene via chemical vapor deposition. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 844-849	9.3	19
27	Magnetic sweet graphene nanosheets: preparation, characterization and application in removal of methylene blue. <i>International Journal of Environmental Science and Technology</i> , 2016 , 13, 599-606	3.3	23
26	Facile synthesis of antibacterial chitosan/CuO bio-nanocomposite hydrogel beads. <i>International Journal of Biological Macromolecules</i> , 2016 , 82, 837-43	7.9	87
25	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
24	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
23	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
22	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
21	Preparation of efficient magnetic biosorbents by clicking carbohydrates onto graphene oxide. <i>Journal of Materials Science</i> , 2015 , 50, 5348-5361	4.3	28
20	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
19	Synthesis and characterization of antibacterial carboxymethyl cellulose/ZnO nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015 , 74, 136-41	7.9	126
18	Synthesis and characterization of antibacterial carboxymethylcellulose/CuO bio-nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , 2015 , 73, 109-14	7.9	122
17	Synthesis of β -cyclodextrin-based dendrimer as a novel encapsulation agent. <i>Polymer International</i> , 2014 , 63, 1447-1455	3.3	57
16	Clicking graphene oxide and Fe ₃ O ₄ nanoparticles together: an efficient adsorbent to remove dyes from aqueous solutions. <i>International Journal of Environmental Science and Technology</i> , 2014 , 11, 1527-1536	13.3	52
15	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
14	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
13	Preparation and properties of carboxymethyl cellulose/layered double hydroxide bionanocomposite films. <i>Carbohydrate Polymers</i> , 2014 , 108, 83-90	10.3	99

12	Synthesis and characterization of carboxymethyl cellulose/layered double hydroxide nanocomposites. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	59
11	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
10	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
9	Synthesis of New Functionalized Citric Acid-based Dendrimers as Nanocarrier Agents for Drug Delivery. <i>BiolImpacts</i> , 2011 , 1, 63-9	3.5	23
8	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
7	Synthesis and desilylation of some bis(trimethylsilyl)alkenes and polymers bearing bis(silyl)alkenyl groups. <i>Journal of Organometallic Chemistry</i> , 2009 , 694, 2448-2453	2.3	20
6	Investigation diffusion mechanism of β -lactam conjugated telechelic polymers of PEG and β -cyclodextrin as the new nanosized drug carrier devices. <i>Carbohydrate Polymers</i> , 2009 , 76, 46-50	10.3	39
5	Synthesis of New Prodrugs Based on β -CD as the Natural Compounds Containing β -lactam Antibiotics. <i>Journal of Bioactive and Compatible Polymers</i> , 2007 , 22, 77-88	2	25
4	Synthesis of barbell-like triblock copolymers, dendritic triazine-block-poly(ethylene glycol)-block-dendritic triazine and investigation of their solution behaviors. <i>Polymer</i> , 2005 , 46, 10788-10799	3.9	61
3	Novel linear/globular thermoreversible hydrogel ABA type copolymers from dendritic citric acid as the A blocks and poly(ethyleneglycol) as the B block. <i>European Polymer Journal</i> , 2003 , 39, 1491-1500	5.2	90
2	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
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	