

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.

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	Carboxymethyl cellulose/graphene oxide bio-nanocomposite hydrogel beads as anticancer drug carrier agent. <i>Carbohydrate Polymers</i> , <b>2017</b> , 168, 320-326	10.3	193
82	One-pot synthesis of antibacterial chitosan/silver bio-nanocomposite hydrogel beads as drug delivery systems. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 37-43	7.9	176
81	Doxorubicin loaded carboxymethyl cellulose/graphene quantum dot nanocomposite hydrogel films as a potential anticancer drug delivery system. <i>Materials Science and Engineering C</i> , <b>2018</b> , 87, 50-59	8.3	156
80	A potential bioactive wound dressing based on carboxymethyl cellulose/ZnO impregnated MCM-41 nanocomposite hydrogel. <i>Materials Science and Engineering C</i> , <b>2017</b> , 73, 456-464	8.3	143
79	Synthesis and characterization of antibacterial carboxymethyl cellulose/ZnO nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 74, 136-41	7.9	126
78	Synthesis and characterization of antibacterial carboxymethylcellulose/CuO bio-nanocomposite hydrogels. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 73, 109-14	7.9	122
77	Antibiotic loaded carboxymethylcellulose/MCM-41 nanocomposite hydrogel films as potential wound dressing. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 85, 327-34	7.9	115
76	Preparation and properties of carboxymethyl cellulose/layered double hydroxide bionanocomposite films. <i>Carbohydrate Polymers</i> , <b>2014</b> , 108, 83-90	10.3	99
75	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> , <b>2019</b> , 208, 294-301	10.3	96
74	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> , <b>2003</b> , 39, 1491-1500	5.2	90
73	Facile synthesis of antibacterial chitosan/CuO bio-nanocomposite hydrogel beads. <i>International Journal of Biological Macromolecules</i> , <b>2016</b> , 82, 837-43	7.9	87
72	Antibacterial carboxymethyl cellulose/Ag nanocomposite hydrogels cross-linked with layered double hydroxides. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 269-77	7.9	87
71	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> , <b>2018</b> , 119, 588-596	7.9	82
70	Carboxymethylcellulose/MOF-5/Graphene oxide bio-nanocomposite as antibacterial drug nanocarrier agent. <i>BiolImpacts</i> , <b>2019</b> , 9, 5-13	3.5	70
69	Synthesis of gelatin-based biodegradable hydrogel nanocomposite and their application as drug delivery agent. <i>Advances in Polymer Technology</i> , <b>2018</b> , 37, 2625-2635	1.9	68
68	Facile preparation of antibacterial chitosan/graphene oxide-Ag bio-nanocomposite hydrogel beads for controlled release of doxorubicin. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 116, 54-63	7.9	68
67	ECyclodextrin grafted magnetic graphene oxide applicable as cancer drug delivery agent: Synthesis and characterization. <i>Materials Chemistry and Physics</i> , <b>2018</b> , 218, 62-69	4.4	63

- 66 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
- 65 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
- 64 Synthesis of barbell-like triblock copolymers, dendritic triazine-block-poly(ethylene glycol)-block-dendritic triazine and investigation of their solution behaviors. *Polymer*, **2005**, 46, 10788-10799 3.9 61
- 63 Cu-crosslinked carboxymethylcellulose/naproxen/graphene quantum dot nanocomposite hydrogel beads for naproxen oral delivery. *Carbohydrate Polymers*, **2018**, 195, 453-459 10.3 60
- 62 Synthesis and characterization of carboxymethyl cellulose/layered double hydroxide nanocomposites. *Journal of Nanoparticle Research*, **2013**, 15, 1 2.3 59
- 61 Preparation and characterization of polyvinyl alcohol/β-cyclodextrin/GO-Ag nanocomposite with improved antibacterial and strength properties. *Polymers for Advanced Technologies*, **2019**, 30, 447-456 3.2 58
- 60 Synthesis of β-cyclodextrin-based dendrimer as a novel encapsulation agent. *Polymer International*, **2014**, 63, 1447-1455 3.3 57
- 59 Synthesis of polyvinyl alcohol/CuO nanocomposite hydrogel and its application as drug delivery agent. *Polymer Bulletin*, **2019**, 76, 1967-1983 2.4 56
- 58 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 7.8 53
- 57 Clicking graphene oxide and Fe<sub>3</sub>O<sub>4</sub> nanoparticles together: an efficient adsorbent to remove dyes from aqueous solutions. *International Journal of Environmental Science and Technology*, **2014**, 11, 1527-1536 3.3 52
- 56 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. *Colloids and Surfaces B: Biointerfaces*, **2018**, 172, 17-25 6 51
- 55 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
- 54 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
- 53 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
- 52 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
- 51 Synthesis of the dendritic type β-cyclodextrin on primary face via click reaction applicable as drug nanocarrier. *Carbohydrate Polymers*, **2015**, 132, 205-13 10.3 39
- 50 Investigation diffusion mechanism of lactam conjugated telechelic polymers of PEG and β-cyclodextrin as the new nanosized drug carrier devices. *Carbohydrate Polymers*, **2009**, 76, 46-50 10.3 39
- 49 Novel PH Sensitive Nanocarrier Agents Based on Citric Acid Dendrimers Containing Conjugated β-cyclodextrins. *Advanced Pharmaceutical Bulletin*, **2011**, 1, 40-7 4.5 38

48	Carboxymethylcellulose/layered double hydroxides bio-nanocomposite hydrogel: A controlled amoxicillin nanocarrier for colonic bacterial infections treatment. <i>International Journal of Biological Macromolecules</i> , <b>2020</b> , 155, 1401-1409	7.9	37
47	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> , <b>2020</b> , 162, 501-511	7.9	34
46	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> , <b>2020</b> , 594, 124662	5.1	33
45	Synthesis of photoluminescent glycodendrimer with terminal $\beta$ -cyclodextrin molecules as a biocompatible pH-sensitive carrier for doxorubicin delivery. <i>Carbohydrate Polymers</i> , <b>2020</b> , 246, 116658	10.3	32
44	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> , <b>2020</b> , 108, 110459	8.3	31
43	Preparation of efficient magnetic biosorbents by clicking carbohydrates onto graphene oxide. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 5348-5361	4.3	28
42	Sonochemically synthesized blue fluorescent functionalized graphene oxide as a drug delivery system. <i>Ultrasonics Sonochemistry</i> , <b>2018</b> , 42, 124-133	8.9	28
41	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> , <b>2020</b> , 156, 648-659	7.9	26
40	Developments on carboxymethyl starch-based smart systems as promising drug carriers: A review. <i>Carbohydrate Polymers</i> , <b>2021</b> , 258, 117654	10.3	26
39	Synthesis of New Prodrugs Based on ECD as the Natural Compounds Containing $\beta$ -lactam Antibiotics. <i>Journal of Bioactive and Compatible Polymers</i> , <b>2007</b> , 22, 77-88	2	25
38	Application of polysaccharide-based hydrogels for water treatments <b>2020</b> , 411-455		25
37	pH-sensitive ternary Fe <sub>3</sub> O <sub>4</sub> /GQDs@G hybrid microspheres; Synthesis, characterization and drug delivery application. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 846, 156419	5.7	25
36	Magnetic sweet graphene nanosheets: preparation, characterization and application in removal of methylene blue. <i>International Journal of Environmental Science and Technology</i> , <b>2016</b> , 13, 599-606	3.3	23
35	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> , <b>2011</b> , 407, 167-73	6.5	23
34	Synthesis of New Functionalized Citric Acid-based Dendrimers as Nanocarrier Agents for Drug Delivery. <i>BiolImpacts</i> , <b>2011</b> , 1, 63-9	3.5	23
33	Advances in development of the dendrimers having natural saccharides in their structure for efficient and controlled drug delivery applications. <i>European Polymer Journal</i> , <b>2021</b> , 148, 110356	5.2	22
32	Fabrication of biodendrimeric $\beta$ -cyclodextrin via click reaction with potency of anticancer drug delivery agent. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 883-93	7.9	21
31	Synthesis and desilylation of some bis(trimethylsilyl)alkenes and polymers bearing bis(silyl)alkenyl groups. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 2448-2453	2.3	20

30	Mixed-dimensional heterostructures of hydrophobic/hydrophilic graphene foam for tunable hydrogen evolution reaction. <i>Chemosphere</i> , <b>2020</b> , 245, 125607	8.4	20
29	Synthesis of scalable and tunable slightly oxidized graphene via chemical vapor deposition. <i>Journal of Colloid and Interface Science</i> , <b>2017</b> , 490, 844-849	9.3	19
28	Fabrication of a smart and biocompatible brush copolymer decorated on magnetic graphene oxide hybrid nanostructure for drug delivery application. <i>European Polymer Journal</i> , <b>2021</b> , 142, 110126	5.2	19
27	Polydopamine-graphene/AgPd nanocomposite as sustainable catalyst for reduction of nitrophenol compounds and dyes in environment. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 234, 38-47	4.4	17
26	Fe <sub>3</sub> O <sub>4</sub> @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> , <b>2021</b> , 879, 160426	5.7	17
25	Reduced graphene oxide composites with water soluble copolymers having tailored lower critical solution temperatures and unique tube-like structure. <i>Scientific Reports</i> , <b>2017</b> , 7, 44508	4.9	16
24	Large amplitude oscillatory shear behavior of graphene derivative/polydimethylsiloxane nanocomposites. <i>Rheologica Acta</i> , <b>2018</b> , 57, 429-443	2.3	14
23	Hybrid organic/inorganic dendritic triblock copolymers: Synthesis, nanostructure characterization, and micellar behavior. <i>Journal of Applied Polymer Science</i> , <b>2010</b> , 117, 1085-1094	2.9	13
22	Graphene oxide-based silsesquioxane-crosslinked networks Synthesis and rheological behavior. <i>RSC Advances</i> , <b>2017</b> , 7, 21531-21540	3.7	12
21	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> , <b>2021</b> , 45, 6397-6405	3.6	12
20	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> , <b>2017</b> , 504, 731-740	9.3	11
19	Photoluminescent folic acid functionalized biocompatible and stimuli-responsive nanostructured polymer brushes for targeted and controlled delivery of doxorubicin. <i>European Polymer Journal</i> , <b>2021</b> , 156, 110610	5.2	9
18	Peripherally functionalized based dendrimers as the template for synthesis of silver nanoparticles and investigation the affecting factors on their properties. <i>Polymer Bulletin</i> , <b>2019</b> , 76, 4659-4675	2.4	9
17	Blue fluorescent graphene oxide hybrid: Synthesis, characterization, and application as a drug delivery system. <i>Journal of Drug Delivery Science and Technology</i> , <b>2018</b> , 48, 355-362	4.5	8
16	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> , <b>2020</b> , 29, 423-432	2.3	7
15	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> , <b>2022</b> , 29, 1	2.7	5
14	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> , <b>2018</b> , 124, 1	2.6	4
13	Dual anticancer drug delivery of D-galactose-functionalized stimuli-responsive nanogels for targeted therapy of the liver hepatocellular carcinoma. <i>European Polymer Journal</i> , <b>2022</b> , 167, 111061	5.2	4

12	Application or function of citric acid in drug delivery platforms. <i>Medicinal Research Reviews</i> , <b>2021</b> ,	14.4	4
11	Design and synthesis of vinylic glycomonomers and glycopolymer based on D-glucofuranose moieties. <i>Journal of Polymer Research</i> , <b>2019</b> , 26, 1	2.7	3
10	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> , <b>2021</b> , 191, 108-117	7.9	3
9	Developing a new photoluminescent, nanoporous, and biocompatible glycodendrimer for smart hepatic cancer treatment. <i>European Polymer Journal</i> , <b>2021</b> , 161, 110866	5.2	2
8	Synthesis of folic acid-conjugated glycodendrimer with magnetic $\beta$ -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> , <b>2021</b> , 627, 127205	5.1	2
7	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> , <b>2022</b> , 13, 693-708	4.9	1
6	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> , <b>2022</b> , 200, 247-262	7.9	1
5	Magnetic alginate/glycodendrimer beads for efficient removal of tetracycline and amoxicillin from aqueous solutions.. <i>International Journal of Biological Macromolecules</i> , <b>2022</b> , 205, 128-140	7.9	1
4	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
3	Chitosan Based Nanocomposites for Drug Delivery Application. <i>Materials Horizons</i> , <b>2022</b> , 135-201	0.6	0
2	New polymer systems based on polyethylene glycol: synthesis, characterization, and study of the solubility behavior. <i>Polymer Bulletin</i> , <b>2020</b> , 77, 5663-5680	2.4	
1	Cluster of D-maltose clicked to $\beta$ -cyclodextrin: preparation and its application as a biocompatible drug delivery nanovehicle. <i>Soft Materials</i> , 1-11	1.7	