

# Jinmei He

## 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.

59  
papers

1,709  
citations

25  
h-index

40  
g-index

62  
ext. papers

2,180  
ext. citations

6.3  
avg, IF

5.25  
L-index

#	Paper	IF	Citations
59	Antibacterial, hemostasis, adhesive, self-healing polysaccharides-based composite hydrogel wound dressing for the prevention and treatment of postoperative adhesion. <i>Materials Science and Engineering C</i> , <b>2021</b> , 123, 111978	8.3	9
58	Antimicrobial Surgical Sutures: Fabrication and Application of Infection Prevention and Wound Healing. <i>Fibers and Polymers</i> , <b>2021</b> , 22, 2355-2367	2	2
57	Injectable, self-healing, antibacterial, and hemostatic N,O-carboxymethyl chitosan/oxidized chondroitin sulfate composite hydrogel for wound dressing. <i>Materials Science and Engineering C</i> , <b>2021</b> , 118, 111324	8.3	42
56	Synthesis and properties of poly(ethylene terephthalate) modified with a small amount of 1,10-decanediamine and hydrogen bonds. <i>Journal of Materials Science</i> , <b>2021</b> , 56, 4922-4939	4.3	1
55	Carboxymethyl chitosan based redox-responsive micelle for near-infrared fluorescence image-guided photo-chemotherapy of liver cancer. <i>Carbohydrate Polymers</i> , <b>2021</b> , 253, 117284	10.3	7
54	Mussel-inspired adhesive and conductive hydrogel with tunable mechanical properties for wearable strain sensors. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 585, 420-432	9.3	41
53	Facile synthesis of a carbon dots and silver nanoparticles (CDs/AgNPs) composite for antibacterial application.. <i>RSC Advances</i> , <b>2021</b> , 11, 18417-18422	3.7	3
52	Highly transparent biaxially oriented poly(ester amide) film with improved gas barrier properties and good mechanical strength. <i>European Polymer Journal</i> , <b>2021</b> , 156, 110620	5.2	1
51	A nucleobase-inspired super adhesive hydrogel with desirable mechanical, tough and fatigue resistant properties based on cytosine and $\epsilon$ -caprolactone. <i>European Polymer Journal</i> , <b>2020</b> , 133, 109741	5.2	1
50	Mussel-mimetic polymer underwater adhesives with l-Dopa functionality: influencing adhesion properties and simplified operation procedures. <i>Journal of Materials Science</i> , <b>2020</b> , 55, 7981-7997	4.3	13
49	Improved atomic oxygen erosion resistance of the carbon fibre/epoxy interface with polyhedral oligomeric silsesquioxane. <i>High Performance Polymers</i> , <b>2020</b> , 32, 681-692	1.6	1
48	Expanding sacrificially printed microfluidic channel-embedded paper devices for construction of volumetric tissue models in vitro. <i>Biofabrication</i> , <b>2020</b> , 12, 045027	10.5	10
47	Oxidized cellulose-based hemostatic materials. <i>Carbohydrate Polymers</i> , <b>2020</b> , 230, 115585	10.3	47
46	Chitosan capped pH-responsive hollow mesoporous silica nanoparticles for targeted chemo-photo combination therapy. <i>Carbohydrate Polymers</i> , <b>2020</b> , 231, 115706	10.3	49
45	Chitosan based pH-responsive polymeric prodrug vector for enhanced tumor targeted co-delivery of doxorubicin and siRNA. <i>Carbohydrate Polymers</i> , <b>2020</b> , 250, 116781	10.3	26
44	Mussel-inspired polymer: A photocurable and degradable polymer network for adhesives. <i>Polymer Degradation and Stability</i> , <b>2019</b> , 167, 130-138	4.7	7
43	Manufacturing and physical characterization of absorbable oxidized regenerated cellulose braided surgical sutures. <i>International Journal of Biological Macromolecules</i> , <b>2019</b> , 134, 56-62	7.9	9

42	Generation of Cost-Effective Paper-Based Tissue Models through Matrix-Assisted Sacrificial 3D Printing. <i>Nano Letters</i> , <b>2019</b> , 19, 3603-3611	11.5	30
41	Mechanical and Gas Barrier Properties of Structurally Enhanced Poly(ethylene terephthalate) by Introducing 1,6-Hexylenediamine Unit. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 21872-21880 <sup>8</sup>	3.9	8
40	Green Synthesis of Fluorescent Carbon Dots from Gynostemma for Bioimaging and Antioxidant in Zebrafish. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 9832-9840	9.5	100
39	Heat resistance of acrylic pressure-sensitive adhesives based on commercial curing agents and UV/heat curing systems. <i>Journal of Applied Polymer Science</i> , <b>2019</b> , 136, 47310	2.9	10
38	Biodegradable N, O-carboxymethyl chitosan/oxidized regenerated cellulose composite gauze as a barrier for preventing postoperative adhesion. <i>Carbohydrate Polymers</i> , <b>2019</b> , 207, 180-190	10.3	44
37	Fabrication of acrylic pressure-sensitive adhesives containing maleimide for heat-resistant adhesive applications. <i>Polymer Bulletin</i> , <b>2019</b> , 76, 3093-3112	2.4	9
36	Acid-sensitive polymeric vector targeting to hepatocarcinoma cells via glycyrrhetic acid receptor-mediated endocytosis. <i>Materials Science and Engineering C</i> , <b>2018</b> , 87, 32-40	8.3	22
35	Characterization of calcium alginate/ deacetylated konjac glucomannan blend films prepared by Ca <sup>2+</sup> crosslinking and deacetylation. <i>Food Hydrocolloids</i> , <b>2018</b> , 82, 363-369	10.6	74
34	Tailored Natural Polysaccharides Beads as Green Sorbents for Efficient Lysozyme Adsorption. <i>Journal of Polymers and the Environment</i> , <b>2018</b> , 26, 2803-2812	4.5	4
33	Carbon nanotube-modified oxidized regenerated cellulose gauzes for hemostatic applications. <i>Carbohydrate Polymers</i> , <b>2018</b> , 183, 246-253	10.3	26
32	Adhesion force measured by atomic force microscopy for direct carbon fiber-epoxy interfacial characterization. <i>Materials and Design</i> , <b>2018</b> , 145, 218-225	8.1	11
31	Adsorption of lysozyme by alginate/graphene oxide composite beads with enhanced stability and mechanical property. <i>Materials Science and Engineering C</i> , <b>2018</b> , 89, 25-32	8.3	94
30	Fabrication of a graphene oxide/nanoscale aramid fiber composite membrane with improved hydrophilicity and mechanical strength via a fast-drying method using absolute ethanol as proton donor. <i>Journal of Materials Science</i> , <b>2018</b> , 53, 16383-16392	4.3	2
29	pH-Sensitive mesoporous silica nanoparticles for chemo-photodynamic combination therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 161, 442-448	6	33
28	Improved interfacial properties of carbon fiber-reinforced epoxy composites with Fe <sub>2</sub> O <sub>3</sub> /graphene nanosheets using a magnetic field. <i>Journal of Adhesion Science and Technology</i> , <b>2018</b> , 32, 1018-1026	2	3
27	Reinforced collagen with oxidized microcrystalline cellulose shows improved hemostatic effects. <i>Carbohydrate Polymers</i> , <b>2017</b> , 165, 30-38	10.3	32
26	Biodegradable collagen sponge reinforced with chitosan/calcium pyrophosphate nanoflowers for rapid hemostasis. <i>Carbohydrate Polymers</i> , <b>2017</b> , 170, 271-280	10.3	67
25	Improved mechanical properties of carbon fiber-reinforced epoxy composites by growing carbon black on carbon fiber surface. <i>Composites Science and Technology</i> , <b>2017</b> , 149, 75-80	8.6	68

24	Preparation and Characterization of 2,2,6,6-Tetramethylpiperidine-1-oxyl (TEMPO)-Oxidized Cellulose Nanocrystal/Alginate Biodegradable Composite Dressing for Hemostasis Applications. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 3819-3828	8.3	106
23	Spontaneous and efficient adsorption of lysozyme from aqueous solutions by naturally polyanion gel beads. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 130-138	8.3	16
22	Role of alginate in antibacterial finishing of textiles. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 94, 466-473	7.9	50
21	Preparation of pH-responsive mesoporous hydroxyapatite nanoparticles for intracellular controlled release of an anticancer drug. <i>Biomaterials Science</i> , <b>2016</b> , 4, 272-80	7.4	55
20	Preparation, functional characterization and hemostatic mechanism discussion for oxidized microcrystalline cellulose and its composites. <i>Fibers and Polymers</i> , <b>2016</b> , 17, 1277-1286	2	11
19	Processing, characterization and hemostatic mechanism of a ultraporous collagen/ORC biodegradable composite with excellent biological effectiveness. <i>Physical Chemistry Chemical Physics</i> , <b>2016</b> , 18, 29183-29191	3.6	14
18	Effective co-delivery of doxorubicin and curcumin using a glycyrrhetic acid-modified chitosan-cystamine-poly( $\epsilon$ -caprolactone) copolymer micelle for combination cancer chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 145, 526-538	6	47
17	Artificial extracellular matrix delivers TGF $\beta$ 1 regulating myofibroblast differentiation. <i>RSC Advances</i> , <b>2016</b> , 6, 21922-21928	3.7	7
16	Improvement of atomic oxygen erosion resistance of carbon fiber and carbon fiber/epoxy composite interface with a silane coupling agent. <i>Materials and Design</i> , <b>2016</b> , 109, 171-178	8.1	42
15	Alginate-based Films and Membranes: Preparation, Characterization and Applications <b>2016</b> , 457-489		1
14	A new insight to the effect of calcium concentration on gelation process and physical properties of alginate films. <i>Journal of Materials Science</i> , <b>2016</b> , 51, 5791-5801	4.3	25
13	Antibacterial and hemostatic composite gauze of N,O-carboxymethyl chitosan/oxidized regenerated cellulose. <i>RSC Advances</i> , <b>2016</b> , 6, 94429-94436	3.7	32
12	Intracellular pH-responsive mesoporous hydroxyapatite nanoparticles for targeted release of anticancer drug. <i>RSC Advances</i> , <b>2015</b> , 5, 30920-30928	3.7	22
11	Interfacial characterization, control and modification of carbon fiber reinforced polymer composites. <i>Composites Science and Technology</i> , <b>2015</b> , 121, 56-72	8.6	143
10	Irradiation of poly(L-lactide) biopolymer reinforced with functionalized MWCNTs. <i>RSC Advances</i> , <b>2015</b> , 5, 55544-55549	3.7	10
9	Improving surface and mechanical properties of alginate films by using ethanol as a co-solvent during external gelation. <i>Carbohydrate Polymers</i> , <b>2015</b> , 123, 208-16	10.3	58
8	Enhanced oxidized regenerated cellulose with functionalized multiwalled carbon nanotubes for hemostasis applications. <i>RSC Advances</i> , <b>2014</b> , 4, 52372-52378	3.7	17
7	Improved interfacial properties of carbon fiber/unsaturated polyester composites through coating polyhedral oligomeric silsesquioxane on carbon fiber surface. <i>Fibers and Polymers</i> , <b>2014</b> , 15, 566-573	2	19

6	Preparation and characterization of oxidized regenerated cellulose film for hemostasis and the effect of blood on its surface. <i>Cellulose</i> , <b>2013</b> , 20, 2547-2558	5.5	28
5	Fabrication of oxidized sodium carboxymethylcellulose from viscose fibers and their viscosity behaviors. <i>Fibers and Polymers</i> , <b>2013</b> , 14, 1266-1270	2	6
4	Water soluble carboxymethylcellulose fibers derived from alkalization-etherification of viscose fibers. <i>Fibers and Polymers</i> , <b>2012</b> , 13, 748-753	2	12
3	Oxidized regenerated cellulose-based hemostat with microscopically gradient structure. <i>Carbohydrate Polymers</i> , <b>2012</b> , 88, 1023-1032	10.3	45
2	Preparation of the water-soluble chitosan-coated oxidized regenerated cellulose gauze. <i>Cellulose</i> , <b>2011</b> , 18, 1651-1659	5.5	21
1	Effects of chain lengths, molecular orientation, and functional groups of thiols adsorbed onto CF surface on interfacial properties of CF/epoxy composites. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 112, 3380-3387	2.9	12