

Yingshan Zhou

List of Publications by Year in descending order

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59
papers

2,571
citations

218677

26
h-index

189892

50
g-index

59
all docs

59
docs citations

59
times ranked

3214
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun Water-Soluble Carboxyethyl Chitosan/Poly(vinyl alcohol) Nanofibrous Membrane as Potential Wound Dressing for Skin Regeneration. <i>Biomacromolecules</i> , 2008, 9, 349-354.	5.4	430
2	Dopamine-Modified Hyaluronic Acid Hydrogel Adhesives with Fast-Forming and High Tissue Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18225-18234.	8.0	175
3	Electrospinning of carboxyethyl chitosan/poly(vinyl alcohol)/silk fibroin nanoparticles for wound dressings. <i>International Journal of Biological Macromolecules</i> , 2013, 53, 88-92.	7.5	159
4	Vanillin-Based Polyschiff Vitrimers: Reprocessability and Chemical Recyclability. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 15463-15470.	6.7	148
5	Self-healing hyaluronic acid hydrogels based on dynamic Schiff base linkages as biomaterials. <i>Carbohydrate Polymers</i> , 2020, 250, 116922.	10.2	147
6	Photopolymerized maleilated chitosan/methacrylated silk fibroin micro/nanocomposite hydrogels as potential scaffolds for cartilage tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 383-390.	7.5	94
7	Fabrication of durable antibacterial and superhydrophobic textiles via in situ synthesis of silver nanoparticle on tannic acid-coated viscose textiles. <i>Cellulose</i> , 2019, 26, 2109-2122.	4.9	77
8	Electrospinning of chitosan/poly(vinyl alcohol)/acrylic acid aqueous solutions. <i>Journal of Applied Polymer Science</i> , 2006, 102, 5692-5697.	2.6	76
9	Self-Healing Hyaluronic Acid Nanocomposite Hydrogels with Platelet-Rich Plasma Impregnated for Skin Regeneration. <i>ACS Nano</i> , 2022, 16, 11346-11359.	14.6	70
10	Photopolymerized water-soluble chitosan-based hydrogel as potential use in tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2011, 48, 408-413.	7.5	68
11	A water-soluble photocrosslinkable chitosan derivative prepared by Michael-addition reaction as a precursor for injectable hydrogel. <i>Carbohydrate Polymers</i> , 2010, 79, 507-512.	10.2	61
12	Fabrication of superhydrophobic and superoleophilic polybenzoxazine-based cotton fabric for oil/water separation. <i>Cellulose</i> , 2018, 25, 6691-6704.	4.9	56
13	Potential of quaternization-functionalized chitosan fiber for wound dressing. <i>International Journal of Biological Macromolecules</i> , 2013, 52, 327-332.	7.5	52
14	Regenerated egg white/silk fibroin composite films for biomedical applications. <i>Materials Science and Engineering C</i> , 2017, 79, 430-435.	7.3	47
15	Biocompatible and degradable <i>Bletilla striata</i> polysaccharide hemostasis sponges constructed from natural medicinal herb <i>Bletilla striata</i> . <i>Carbohydrate Polymers</i> , 2019, 226, 115304.	10.2	46
16	Fabrication of hydrophobic cotton fabrics inspired by polyphenol chemistry. <i>Cellulose</i> , 2017, 24, 2635-2646.	4.9	45
17	High-Performance Photopolymerized Poly(vinyl alcohol)/Silica Nanocomposite Hydrogels with Enhanced Cell Adhesion. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 27692-27700.	8.0	44
18	Photopolymerized maleilated chitosan/thiol-terminated poly (vinyl alcohol) hydrogels as potential tissue engineering scaffolds. <i>Carbohydrate Polymers</i> , 2018, 184, 383-389.	10.2	43

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19	Robust fluorine-free colorful superhydrophobic PDMS/NH ₂ -MIL-125(Ti)@cotton fabrics for improved ultraviolet resistance and efficient oil/water separation. <i>Cellulose</i> , 2019, 26, 9335-9348.	4.9	40
20	Degradable Hydrogel Adhesives with Enhanced Tissue Adhesion, Superior Self-Healing, Cytocompatibility, and Antibacterial Property. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101504.	7.6	39
21	A pH-sensitive water-soluble N-carboxyethyl chitosan/poly(hydroxyethyl methacrylate) hydrogel as a potential drug sustained release matrix prepared by photopolymerization technique. <i>Polymers for Advanced Technologies</i> , 2008, 19, 1133-1141.	3.2	38
22	Photocrosslinked maleilated chitosan/methacrylated poly (vinyl alcohol) bicomponent nanofibrous scaffolds for use as potential wound dressings. <i>Carbohydrate Polymers</i> , 2017, 168, 220-226.	10.2	36
23	Photopolymerizable thiol-acrylate maleilated hyaluronic acid/thiol-terminated poly(ethylene glycol) hydrogels as potential in-situ formable scaffolds. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 270-277.	7.5	33
24	Preparation and characterization of novel hydrophobic cellulose fabrics with polyvinylsilsesquioxane functional coatings. <i>Cellulose</i> , 2016, 23, 941-953.	4.9	32
25	Photocrosslinking maleilated hyaluronate/methacrylated poly (vinyl alcohol) nanofibrous mats for hydrogel wound dressings. <i>International Journal of Biological Macromolecules</i> , 2020, 155, 903-910.	7.5	30
26	Photopolymerized water-soluble maleilated chitosan/methacrylated poly (vinyl alcohol) hydrogels as potential tissue engineering scaffolds. <i>International Journal of Biological Macromolecules</i> , 2018, 106, 227-233.	7.5	28
27	Fabrication and properties of carboxymethyl chitosan/polyethylene oxide composite nonwoven mats by centrifugal spinning. <i>Carbohydrate Polymers</i> , 2021, 251, 117037.	10.2	28
28	Photocrosslinked methacrylated poly(vinyl alcohol)/hydroxyapatite nanocomposite hydrogels with enhanced mechanical strength and cell adhesion. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1882-1889.	2.3	26
29	Rheological and ion-conductive properties of injectable and self-healing hydrogels based on xanthan gum and silk fibroin. <i>International Journal of Biological Macromolecules</i> , 2020, 144, 473-482.	7.5	26
30	N-carboxyethyl chitosan fibers prepared as potential use in tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2016, 82, 1018-1022.	7.5	25
31	Rheological and controlled release properties of hydrogels based on mushroom hyperbranched polysaccharide and xanthan gum. <i>International Journal of Biological Macromolecules</i> , 2018, 120, 2399-2409.	7.5	24
32	Multiple Crosslinking Hyaluronic Acid Hydrogels with Improved Strength and 3D Printability. <i>ACS Applied Bio Materials</i> , 2022, 5, 334-343.	4.6	24
33	Selective aminolysis of acetylated lignin: Toward simultaneously improving thermal-oxidative stability and maintaining mechanical properties of polypropylene. <i>International Journal of Biological Macromolecules</i> , 2018, 108, 775-781.	7.5	23
34	Functionalized magnesium hydroxide fluids/acrylate-coated hybrid cotton fabric with enhanced mechanical, flame retardant and shape-memory properties. <i>Cellulose</i> , 2018, 25, 1425-1436.	4.9	22
35	Photopolymerizable chitosan hydrogels with improved strength and 3D printability. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 109-116.	7.5	22
36	Effect of temperature on the morphology of poly (lactic acid) porous membrane prepared via phase inversion induced by water droplets. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 902-910.	7.5	21

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37	Influence of Polyhedral Oligomeric Silsesquioxanes (POSS) on Thermal and Mechanical Properties of Polydimethylsiloxane (PDMS) Composites Filled with Fumed Silica. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013, 23, 1375-1382.	3.7	18
38	Preparation and characterization of novel addition cured polydimethylsiloxane nanocomposites using nano-silica sol as reinforcing filler. <i>Polymer International</i> , 2015, 64, 1741-1746.	3.1	17
39	Preparation and characterization of monodisperse solvent-free silica nanofluids. <i>Journal of Dispersion Science and Technology</i> , 2017, 38, 425-431.	2.4	17
40	Photocrosslinkable chitosan hydrogels and their biomedical applications. <i>Journal of Polymer Science Part A</i> , 2019, 57, 1862-1871.	2.3	17
41	Fast gelling and non-swellable photopolymerized poly (vinyl alcohol) hydrogels with high strength. <i>European Polymer Journal</i> , 2020, 134, 109854.	5.4	16
42	Surface modification of polysulfones via one-pot ATRP and click chemistry: Zwitterionic graft complex and their hemocompatibility. <i>Fibers and Polymers</i> , 2016, 17, 161-165.	2.1	15
43	Recent Progress in Preparation and Application of Fibers Using Microfluidic Spinning Technology. <i>Macromolecular Chemistry and Physics</i> , 2022, 223, .	2.2	15
44	Wood-Inspired Fabrication of Polyacrylonitrile Solid Foam with Superfast and High Absorption Capacity for Liquid Without Selectivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 41871-41877.	8.0	13
45	Double cross-linked poly(vinyl alcohol) microcomposite hydrogels with high strength and cell compatibility. <i>European Polymer Journal</i> , 2021, 160, 110786.	5.4	12
46	Photo-polymerized trifunctional acrylate resin/magnesium hydroxide fluids/cotton fabric composites with enhancing mechanical and moisture barrier properties. <i>Advanced Composites and Hybrid Materials</i> , 2019, 2, 320-329.	21.1	11
47	Effect of poly (lactic acid) porous membrane prepared via phase inversion induced by water droplets on 3T3 cell behavior. <i>International Journal of Biological Macromolecules</i> , 2021, 183, 2205-2214.	7.5	10
48	Photocrosslinked methacrylated chitosan-based nanofibrous scaffolds as potential skin substitute. <i>Cellulose</i> , 2017, 24, 4253-4262.	4.9	9
49	Preparation and Characterization of Carboxymethyl-Functionalized Chitosan Fiber. <i>Journal of Natural Fibers</i> , 2015, 12, 211-221.	3.1	7
50	Photopolymerized Injectable Water-soluble Maleilated Chitosan/ Poly(ethylene glycol) Diacrylate Hydrogels as Potential Tissue Engineering Scaffolds. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2017, 30, 33-40.	0.3	7
51	Effect of temperature on the thermal property and crystallization behavior of poly (lactic acid) porous membrane prepared via phase separation induced by water microdroplets. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1185-1192.	7.5	6
52	Photocrosslinked Poly(vinyl alcohol) Nanofibrous Scaffolds. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2016, 29, 841-847.	0.3	5
53	Non-isothermal crystallization kinetics of eucalyptus lignosulfonate/polyvinyl alcohol composite. <i>International Journal of Biological Macromolecules</i> , 2017, 97, 249-257.	7.5	5
54	A novel fiber from <i>Bletilla striata</i> tuber: physical properties and application. <i>Cellulose</i> , 2019, 26, 5201-5210.	4.9	5

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55	Effect of coagulation bath parameters on the morphology and absorption behavior of a skin“core filament based on biomedical polyurethane and native silk fibroin microparticles. Textile Reseach Journal, 2020, 90, 460-468.	2.2	4
56	Modification of polysulfones by click chemistry: Zwitterionic graft complex and their antiprotein fouling property. Journal of Applied Polymer Science, 2015, 132, .	2.6	2
57	Fabrication and gas-sensing properties of hierarchical ZnO replica using down as template. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	2
58	A facile and green approach to prepare monodispersion nanonickel nanofluids. Particulate Science and Technology, 2018, 36, 141-145.	2.1	2
59	Preparation and properties of nitrile rubber/superfine down powder composites. Polymer Composites, 2013, 34, 1136-1143.	4.6	1