

Guang Yang

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.

255
papers

9,156
citations

48
h-index

86
g-index

275
ext. papers

11,468
ext. citations

7.9
avg, IF

6.69
L-index

#	Paper	IF	Citations
255	In situ sprayed bioresponsive immunotherapeutic gel for post-surgical cancer treatment. <i>Nature Nanotechnology</i> , 2019 , 14, 89-97	28.7	424
254	Present status and applications of bacterial cellulose-based materials for skin tissue repair. <i>Carbohydrate Polymers</i> , 2013 , 92, 1432-42	10.3	372
253	Utilization of bacterial cellulose in food. <i>Food Hydrocolloids</i> , 2014 , 35, 539-545	10.6	349
252	Pharmaceutical Intermediate-Modified Gold Nanoparticles: Against Multidrug-Resistant Bacteria and Wound-Healing Application via an Electrospun Scaffold. <i>ACS Nano</i> , 2017 , 11, 5737-5745	16.7	232
251	High-Energy-Density Dielectric Polymer Nanocomposites with Trilayered Architecture. <i>Advanced Functional Materials</i> , 2017 , 27, 1606292	15.6	232
250	Electroconductive natural polymer-based hydrogels. <i>Biomaterials</i> , 2016 , 111, 40-54	15.6	230
249	Silk sericin: A versatile material for tissue engineering and drug delivery. <i>Biotechnology Advances</i> , 2015 , 33, 1855-67	17.8	219
248	Preparation and evaluation of a kind of bacterial cellulose dry films with antibacterial properties. <i>Carbohydrate Polymers</i> , 2011 , 84, 533-538	10.3	195
247	Nanocellulose electroconductive composites. <i>Nanoscale</i> , 2013 , 5, 3194-201	7.7	189
246	Bioprinting and its applications in tissue engineering and regenerative medicine. <i>International Journal of Biological Macromolecules</i> , 2018 , 107, 261-275	7.9	172
245	Antimicrobial activity of silver nanoparticle impregnated bacterial cellulose membrane: Effect of fermentation carbon sources of bacterial cellulose. <i>Carbohydrate Polymers</i> , 2012 , 87, 839-845	10.3	165
244	Flexible Supercapacitors Based on Bacterial Cellulose Paper Electrodes. <i>Advanced Energy Materials</i> , 2014 , 4, 1301655	21.8	149
243	Freestanding bacterial cellulose/polypyrrole nanofibres paper electrodes for advanced energy storage devices. <i>Nano Energy</i> , 2014 , 9, 309-317	17.1	146
242	In situ nano-assembly of bacterial cellulose/polyaniline composites. <i>RSC Advances</i> , 2012 , 2, 1040-1046	3.7	143
241	Studies on antibacterial activity and antibacterial mechanism of a novel polysaccharide from <i>Streptomyces virginia</i> H03. <i>Food Control</i> , 2010 , 21, 1257-1262	6.2	130
240	Recent advances in liposome surface modification for oral drug delivery. <i>Nanomedicine</i> , 2016 , 11, 1169-856	8.5	124
239	Effects of Ca ²⁺ bridge cross-linking on structure and pervaporation of cellulose/alginate blend membranes. <i>Journal of Membrane Science</i> , 2000 , 175, 53-60	9.6	123

238	Hydrothermal synthesis of bacterial cellulose/AgNPs composite: A green route for antibacterial application. <i>Carbohydrate Polymers</i> , 2012 , 87, 2482-2487	10.3	120
237	Current Challenges of Cancer Anti-angiogenic Therapy and the Promise of Nanotherapeutics. <i>Theranostics</i> , 2018 , 8, 533-548	12.1	119
236	Nano-cellulose 3D-networks as controlled-release drug carriers. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 2976-2984	7.3	114
235	Evaluation of bacterial nanocellulose-based uniform wound dressing for large area skin transplantation. <i>Materials Science and Engineering C</i> , 2013 , 33, 2995-3000	8.3	101
234	Skin tissue repair materials from bacterial cellulose by a multilayer fermentation method. <i>Journal of Materials Chemistry</i> , 2012 , 22, 12349		99
233	Investigation on artificial blood vessels prepared from bacterial cellulose. <i>Materials Science and Engineering C</i> , 2015 , 46, 111-7	8.3	96
232	Evaluation of the effect of the structure of bacterial cellulose on full thickness skin wound repair on a microfluidic chip. <i>Biomacromolecules</i> , 2015 , 16, 780-9	6.9	93
231	Bacterial cellulose-hyaluronan nanocomposite biomaterials as wound dressings for severe skin injury repair. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3498-3507	7.3	92
230	Fabrication of bacterial cellulose/polyaniline/single-walled carbon nanotubes membrane for potential application as biosensor. <i>Carbohydrate Polymers</i> , 2017 , 163, 62-69	10.3	91
229	A Therapeutic Microneedle Patch Made from Hair-Derived Keratin for Promoting Hair Regrowth. <i>ACS Nano</i> , 2019 , 13, 4354-4360	16.7	88
228	A transparent wound dressing based on bacterial cellulose whisker and poly(2-hydroxyethyl methacrylate). <i>International Journal of Biological Macromolecules</i> , 2017 , 105, 638-644	7.9	85
227	Dielectric materials for high-temperature capacitors. <i>IET Nanodielectrics</i> , 2018 , 1, 32-40	2.8	79
226	Co-delivery of doxorubicin and Bmi1 siRNA by folate receptor targeted liposomes exhibits enhanced anti-tumor effects in vitro and in vivo. <i>Theranostics</i> , 2014 , 4, 1096-111	12.1	77
225	Silk Sericin-Functionalized Bacterial Cellulose as a Potential Wound-Healing Biomaterial. <i>Biomacromolecules</i> , 2016 , 17, 3076-84	6.9	77
224	Composites of Bacterial Cellulose and Small Molecule-Decorated Gold Nanoparticles for Treating Gram-Negative Bacteria-Infected Wounds. <i>Small</i> , 2017 , 13, 1700130	11	76
223	Bio-based green composites with high performance from poly(lactic acid) and surface-modified microcrystalline cellulose. <i>Journal of Materials Chemistry</i> , 2012 , 22, 15732		76
222	Structure and microporous formation of cellulose/silk fibroin blend membranes: I. Effect of coagulants. <i>Journal of Membrane Science</i> , 2000 , 177, 153-161	9.6	73
221	Rapid Fabrication of Self-Healing, Conductive, and Injectable Gel as Dressings for Healing Wounds in Stretchable Parts of the Body. <i>Advanced Functional Materials</i> , 2020 , 30, 2002370	15.6	69

220	Double network bacterial cellulose hydrogel to build a biology-device interface. <i>Nanoscale</i> , 2014 , 6, 970-7.7	68
219	In vitro and in vivo antitumor effects of folate-targeted ursolic acid stealth liposome. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2207-15	5.7 67
218	Biodegradable and Electroactive Regenerated Bacterial Cellulose/MXene (Ti C T) Composite Hydrogel as Wound Dressing for Accelerating Skin Wound Healing under Electrical Stimulation. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000872	10.1 66
217	Chitosan-coated nano-liposomes for the oral delivery of berberine hydrochloride. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 7149-7159	7.3 63
216	Wheat straw acid hydrolysate as a potential cost-effective feedstock for production of bacterial cellulose. <i>Journal of Chemical Technology and Biotechnology</i> , 2011 , 86, 675-680	3.5 62
215	Construction of Small-Diameter Vascular Graft by Shape-Memory and Self-Rolling Bacterial Cellulose Membrane. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601343	10.1 58
214	Current Trends and Potential Applications of Microbial Interactions for Human Welfare. <i>Frontiers in Microbiology</i> , 2018 , 9, 1156	5.7 53
213	Microporous formation of blend membranes from cellulose/konjac glucomannan in NaOH/thiourea aqueous solution. <i>Journal of Membrane Science</i> , 2002 , 201, 161-173	9.6 53
212	The use of bacterial polysaccharides in bioprinting. <i>Biotechnology Advances</i> , 2019 , 37, 107448	17.8 52
211	Osteogenic effect of controlled released rhBMP-2 in 3D printed porous hydroxyapatite scaffold. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 141, 491-498	6 52
210	A microcube-based hybrid piezocomposite as a flexible energy generator. <i>RSC Advances</i> , 2017 , 7, 32502-32507	3.7 52
209	Blend membranes from carboxymethylated chitosan/alginate in aqueous solution. <i>Journal of Applied Polymer Science</i> , 2000 , 77, 610-616	2.9 52
208	Preparative fractionation of polysaccharides by columns packed with regenerated cellulose gels. <i>Journal of Chromatography A</i> , 1998 , 816, 131-136	4.5 50
207	Fluorescence enhancement of cysteine-rich protein-templated gold nanoclusters using silver(I) ions and its sensing application for mercury(II). <i>Sensors and Actuators B: Chemical</i> , 2018 , 267, 342-350	8.5 48
206	Blend membranes from cellulose/konjac glucomannan cuprammonium solution. <i>Journal of Membrane Science</i> , 1998 , 139, 47-56	9.6 48
205	Supramolecular hydrogels based on poly (ethylene glycol)-poly (lactic acid) block copolymer micelles and Cyclodextrin for potential injectable drug delivery system. <i>Carbohydrate Polymers</i> , 2018 , 194, 69-79	10.3 45
204	Development of three-dimensional bacterial cellulose/chitosan scaffolds: Analysis of cell-scaffold interaction for potential application in the diagnosis of ovarian cancer. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 1050-1059	7.9 45
203	Near-infrared light switching nitric oxide nanoemitter for triple-combination therapy of multidrug resistant cancer. <i>Acta Biomaterialia</i> , 2019 , 100, 365-377	10.8 44

202	Thermoresponsive bacterial cellulose whisker/poly(NIPAM-co-BMA) nanogel complexes: synthesis, characterization, and biological evaluation. <i>Biomacromolecules</i> , 2013 , 14, 1078-84	6.9	44
201	Hepatitis B virus X protein-elevated MSL2 modulates hepatitis B virus covalently closed circular DNA by inducing degradation of APOBEC3B to enhance hepatocarcinogenesis. <i>Hepatology</i> , 2017 , 66, 1413-1429	11.2	42
200	Evaluation of bacterial cellulose/hyaluronan nanocomposite biomaterials. <i>Carbohydrate Polymers</i> , 2014 , 103, 496-501	10.3	41
199	Organic/organic hybrid electrolytes from ionic liquid-functionalized octasilsesquioxane for lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 18012-18019	13	39
198	Blend membranes of cellulose cuoxam/casein. <i>Journal of Membrane Science</i> , 1995 , 103, 65-71	9.6	39
197	Titanium oxide-bacterial cellulose bioadsorbent for the removal of lead ions from aqueous solution. <i>International Journal of Biological Macromolecules</i> , 2019 , 129, 965-971	7.9	38
196	Role of polyethylene glycol in formation and structure of regenerated cellulose microporous membrane. <i>Journal of Membrane Science</i> , 1999 , 161, 31-40	9.6	38
195	A Novel Approach to the CP-225,917 and CP-263,114 Core. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 2821-2823		36
194	Structure and microporous formation of cellulose/silk fibroin blend membranes: Part II. Effect of post-treatment by alkali. <i>Journal of Membrane Science</i> , 2002 , 210, 379-387	9.6	36
193	Structure-properties relationship of starch/waterborne polyurethane composites. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 3325-3332	2.9	36
192	Enhanced cell proliferation by electrical stimulation based on electroactive regenerated bacterial cellulose hydrogels. <i>Carbohydrate Polymers</i> , 2020 , 249, 116829	10.3	36
191	Near-resonance enhanced label-free stimulated Raman scattering microscopy with spatial resolution near 130 nm. <i>Light: Science and Applications</i> , 2018 , 7, 81	16.7	36
190	Programmable Codelivery of Doxorubicin and Apatinib Using an Implantable Hierarchical-Structured Fiber Device for Overcoming Cancer Multidrug Resistance. <i>Small</i> , 2019 , 15, e1804397	11.3	35
189	Dehydration of bacterial cellulose and the water content effects on its viscoelastic and electrochemical properties. <i>Science and Technology of Advanced Materials</i> , 2018 , 19, 203-211	7.1	35
188	pH-Responsive Poly(Ethylene Glycol)-block-Polylactide Micelles for Tumor-Targeted Drug Delivery. <i>Biomacromolecules</i> , 2017 , 18, 2711-2722	6.9	35
187	Fabrication of pH-electroactive Bacterial Cellulose/Polyaniline Hydrogel for the Development of a Controlled Drug Release System. <i>ES Materials & Manufacturing</i> , 2018 ,	3.7	35
186	Superhydrophobic Liquid-Solid Contact Triboelectric Nanogenerator as a Droplet Sensor for Biomedical Applications. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 40021-40030	9.5	35
185	Porous chitosan microspheres as microcarriers for 3D cell culture. <i>Carbohydrate Polymers</i> , 2018 , 202, 611-620	10.3	35

184	Inelastic behaviour of bacterial cellulose hydrogel: In aqua cyclic tests. <i>Polymer Testing</i> , 2015 , 44, 82-92	4.5	34
183	Microstructural and mechanical characteristics of PHEMA-based nanofibre-reinforced hydrogel under compression. <i>Composites Part B: Engineering</i> , 2015 , 76, 292-299	10	34
182	Ways of strengthening biodegradable soy-dreg plastics. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 422-427	2.9	34
181	Bioprinting Living Biofilms through Optogenetic Manipulation. <i>ACS Synthetic Biology</i> , 2018 , 7, 1195-1200	5.7	33
180	Reverse Reconstruction and Bioprinting of Bacterial Cellulose-Based Functional Total Intervertebral Disc for Therapeutic Implantation. <i>Small</i> , 2018 , 14, 1702582	11	33
179	Comparison of fracture properties of cellulose nanopaper, printing paper and buckypaper. <i>Journal of Materials Science</i> , 2017 , 52, 9508-9519	4.3	32
178	Microbes as Structural Templates in Biofabrication: Study of Surface Chemistry and Applications. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11163-11175	8.3	32
177	Regenerated cellulose microporous membranes by mixing cellulose cuoxam with a water soluble polymer. <i>Journal of Membrane Science</i> , 1996 , 114, 149-155	9.6	32
176	Mechanistic understanding of the relationships between molecular structure and emulsification properties of octenyl succinic anhydride (OSA) modified starches. <i>Food Hydrocolloids</i> , 2018 , 74, 168-175	10.6	32
175	Bacterial Cellulose as a Supersoft Neural Interfacing Substrate. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33049-33059	9.5	32
174	Microstructured Multilevel Bacterial Cellulose Allows the Guided Growth of Neural Stem Cells. <i>Small</i> , 2016 , 12, 5407-5413	11	31
173	Biomimetic nanofibers can construct effective tissue-engineered intervertebral discs for therapeutic implantation. <i>Nanoscale</i> , 2017 , 9, 13095-13103	7.7	31
172	Time-dependent rheological behaviour of bacterial cellulose hydrogel. <i>Materials Science and Engineering C</i> , 2016 , 58, 153-9	8.3	30
171	Ultra-thin bacterial cellulose/poly(ethylenedioxythiophene) nanofibers paper electrodes for all-solid-state flexible supercapacitors. <i>Electrochimica Acta</i> , 2018 , 271, 624-631	6.7	30
170	Biopolymer-Based Microcarriers for Three-Dimensional Cell Culture and Engineered Tissue Formation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
169	In Situ Synthesized Selenium Nanoparticles-Decorated Bacterial Cellulose/Gelatin Hydrogel with Enhanced Antibacterial, Antioxidant, and Anti-Inflammatory Capabilities for Facilitating Skin Wound Healing. <i>Advanced Healthcare Materials</i> , 2021 , 10, e2100402	10.1	29
168	A Time-Programmed Release of Dual Drugs from an Implantable Trilayer Structured Fiber Device for Synergistic Treatment of Breast Cancer. <i>Small</i> , 2020 , 16, e1902262	11	29
167	Immunomodulation and cellular response to biomaterials: the overriding role of neutrophils in healing. <i>Materials Horizons</i> , 2019 , 6, 1122-1137	14.4	28

166	Keratin-Templated Synthesis of Metallic Oxide Nanoparticles as MRI Contrast Agents and Drug Carriers. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26039-26045	9.5	28
165	Self-targeting, zwitterionic micellar dispersants enhance antibiotic killing of infectious biofilms-An intravital imaging study in mice. <i>Science Advances</i> , 2020 , 6, eabb1112	14.3	28
164	Tunable keratin hydrogel based on disulfide shuffling strategy for drug delivery and tissue engineering. <i>Journal of Colloid and Interface Science</i> , 2019 , 544, 121-129	9.3	28
163	Synthesis and applications of fungal mycelium-based advanced functional materials. <i>Journal of Bioresources and Bioproducts</i> , 2021 , 6, 1-10	18.7	28
162	Phototherapy-based combination strategies for bacterial infection treatment. <i>Theranostics</i> , 2020 , 10, 12241-12262	12.1	27
161	Aspirin suppresses the abnormal lipid metabolism in liver cancer cells via disrupting an NFB-ACSL1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 486, 827-832	3.4	26
160	Fabrication of Bacterial Cellulose-Curcumin Nanocomposite as a Novel Dressing for Partial Thickness Skin Burn. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 553037	5.8	26
159	Amphiphilic core-shell nanoparticles: Synthesis, biophysical properties, and applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 68-81	6	26
158	Three-dimensional printing of alginate-gelatin-agar scaffolds using free-form motor assisted microsyringe extrusion system. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	25
157	Effect of microstructure on anomalous strain-rate-dependent behaviour of bacterial cellulose hydrogel. <i>Materials Science and Engineering C</i> , 2016 , 62, 130-6	8.3	25
156	Small Unnatural Amino Acid Carried Raman Tag for Molecular Imaging of Genetically Targeted Proteins. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4679-4685	6.4	25
155	Cancer hallmarks and malignancy features: Gateway for improved targeted drug delivery. <i>Biotechnology Advances</i> , 2018 , 36, 1928-1945	17.8	25
154	Targeted delivery of chemically modified anti-miR-221 to hepatocellular carcinoma with negatively charged liposomes. <i>International Journal of Nanomedicine</i> , 2015 , 10, 4825-36	7.3	25
153	Cellulose/casein blend membranes from NaOH/urea solution. <i>Journal of Applied Polymer Science</i> , 2001 , 81, 3260-3267	2.9	25
152	Recent progress in nanomedicine for enhanced cancer chemotherapy. <i>Theranostics</i> , 2021 , 11, 6370-6392	12.1	25
151	Salidroside improves the hypoxic tumor microenvironment and reverses the drug resistance of platinum drugs via HIF-1 signaling pathway. <i>EBioMedicine</i> , 2018 , 38, 25-36	8.8	25
150	Ordered manufactured bacterial cellulose as biomaterial of tissue engineering. <i>Materials Letters</i> , 2014 , 128, 314-318	3.3	24
149	Comparative study of keratine and keratose based composite nanofibers for biomedical applications. <i>Materials Science and Engineering C</i> , 2018 , 83, 1-8	8.3	23

148	Synergistic effect of highly aligned bacterial cellulose/gelatin membranes and electrical stimulation on directional cell migration for accelerated wound healing. <i>Chemical Engineering Journal</i> , 2021 , 424, 130563	14.7	23
147	Copper(II) ions enhance the peroxidase-like activity and stability of keratin-capped gold nanoclusters for the colorimetric detection of glucose. <i>Mikrochimica Acta</i> , 2019 , 186, 271	5.8	22
146	Catechins-Modified Selenium-Doped Hydroxyapatite Nanomaterials for Improved Osteosarcoma Therapy Through Generation of Reactive Oxygen Species. <i>Frontiers in Oncology</i> , 2019 , 9, 499	5.3	22
145	Investigation of molecular masses and aggregation of β -D-glucan from <i>Poria cocos sclerotium</i> by size-exclusion chromatography. <i>Journal of Chromatography A</i> , 1999 , 839, 49-55	4.5	22
144	Antimicrobial Inks: The Anti-Infective Applications of Bioprinted Bacterial Polysaccharides. <i>Trends in Biotechnology</i> , 2019 , 37, 1155-1159	15.1	21
143	Silk sericin-enhanced microstructured bacterial cellulose as tissue engineering scaffold towards prospective gut repair. <i>Materials Science and Engineering C</i> , 2019 , 102, 502-510	8.3	21
142	Preparation and characterization of BC/PAM-AgNPs nanocomposites for antibacterial applications. <i>Carbohydrate Polymers</i> , 2015 , 115, 636-42	10.3	20
141	Poly(4-vinylaniline)/Polyaniline Bilayer-Functionalized Bacterial Cellulose for Flexible Electrochemical Biosensors. <i>Langmuir</i> , 2019 , 35, 10354-10366	4	20
140	Stimuli-responsive nanocomposite: potential injectable embolization agent. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 579-84	4.8	20
139	Planar Alignment of Graphene Sheets by a Rotating Magnetic Field for Full Exploitation of Graphene as a 2D Material. <i>Advanced Functional Materials</i> , 2018 , 28, 1805255	15.6	20
138	Assessing stiffness of nanofibres in bacterial cellulose hydrogels: Numerical-experimental framework. <i>Materials Science and Engineering C</i> , 2017 , 77, 9-18	8.3	19
137	Surface confined retro Diels-Alder reaction driven by the swelling of weak polyelectrolytes. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 6254-9	9.5	19
136	Fabrication of nanocomposites and hybrid materials using microbial biotemplates. <i>Advanced Composites and Hybrid Materials</i> , 2018 , 1, 79-93	8.7	19
135	The impact of oxidative stress damage induced by the environmental stressors on COVID-19. <i>Life Sciences</i> , 2021 , 264, 118653	6.8	19
134	Eco-friendly and recyclable all cellulose triboelectric nanogenerator and self-powered interactive interface. <i>Nano Energy</i> , 2021 , 89, 106354	17.1	19
133	Hydrogen peroxide biosensor based on microperoxidase-11 immobilized on flexible MWCNTs-BC nanocomposite film. <i>Talanta</i> , 2015 , 131, 243-8	6.2	18
132	Understanding piezoelectric characteristics of PHEMA-based hydrogel nanocomposites as soft self-powered electronics. <i>Advanced Composites and Hybrid Materials</i> , 2018 , 1, 320-331	8.7	18
131	Microbial Cells with a Fe O Doped Hydrogel Extracellular Matrix: Manipulation of Living Cells by Magnetic Stimulus. <i>Macromolecular Bioscience</i> , 2016 , 16, 1506-1514	5.5	18

130	Solution-Processable Conductive Composite Hydrogels with Multiple Synergetic Networks toward Wearable Pressure/Strain Sensors. <i>ACS Sensors</i> , 2021 , 6, 2938-2951	9.2	18
129	Through-thickness stress relaxation in bacterial cellulose hydrogel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016 , 59, 90-98	4.1	17
128	Enhanced electrocaloric effect in lead-free organic and inorganic relaxor ferroelectric composites near room temperature. <i>Applied Physics Letters</i> , 2018 , 112, 193902	3.4	17
127	Green synthesis of silver nanoparticles impregnated bacterial cellulose-alginate composite film with improved properties. <i>Materials Letters</i> , 2017 , 209, 11-14	3.3	17
126	Combining Silk Sericin and Surface Micropatterns in Bacterial Cellulose Dressings to Control Fibrosis and Enhance Wound Healing. <i>Engineered Science</i> , 2020 ,	3.8	17
125	Development and Characterization of Yeast-Incorporated Antimicrobial Cellulose Biofilms for Edible Food Packaging Application. <i>Polymers</i> , 2021 , 13,	4.5	17
124	Synthesis, Structure, and Properties of Bacterial Cellulose 2019 , 81-113		16
123	Study of osteogenic differentiation of human adipose-derived stem cells (HASCs) on bacterial cellulose. <i>Carbohydrate Polymers</i> , 2014 , 104, 158-65	10.3	16
122	Folate-BEG functionalized silica CdTe quantum dots as fluorescent probes for cancer cell imaging. <i>New Journal of Chemistry</i> , 2014 , 38, 4519-4526	3.6	16
121	Miscibility and properties of blend materials from waterborne polyurethane and carboxymethyl konjac glucomannan. <i>Journal of Applied Polymer Science</i> , 2004 , 92, 77-83	2.9	16
120	Bacterial cellulose/glycolic acid/glycerol composite membrane as a system to deliver glycolic acid for anti-aging treatment. <i>Journal of Bioresources and Bioproducts</i> , 2021 , 6, 129-141	18.7	15
119	Multifunctional piezoelectric elastomer composites for smart biomedical or wearable electronics. <i>Composites Part B: Engineering</i> , 2019 , 160, 595-604	10	15
118	Applications and Perspectives of Cascade Reactions in Bacterial Infection Control. <i>Frontiers in Chemistry</i> , 2019 , 7, 861	5	14
117	A novel hydrolysis-resistant lipophilic folate derivative enables stable delivery of targeted liposomes in vivo. <i>International Journal of Nanomedicine</i> , 2014 , 9, 4581-95	7.3	14
116	Structure of Regenerated Cellulose Films from Cellulose/Aqueous NaOH Solution as a Function of Coagulation Conditions. <i>Polymer Journal</i> , 2007 , 39, 34-40	2.7	14
115	Regenerated cellulose membrane from cuoxam/zincoxene blend. <i>Journal of Membrane Science</i> , 1991 , 56, 207-215	9.6	14
114	The assembly of protein-templated gold nanoclusters for enhanced fluorescence emission and multifunctional applications. <i>Acta Biomaterialia</i> , 2020 , 101, 436-443	10.8	14
113	Effect of Mn3O4 nanoparticle composition and distribution on graphene as a potential hybrid anode material for lithium-ion batteries. <i>RSC Advances</i> , 2016 , 6, 33022-33030	3.7	14

112	Prevention and treatment of COVID-19: Focus on interferons, chloroquine/hydroxychloroquine, azithromycin, and vaccine. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 133, 111008	7.5	14
111	Encapsulation of E. coli in biomimetic and FeO-doped hydrogel: structural and viability analyses. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 933-944	5.7	14
110	Nanocellulose hyperfine network achieves sustained release of berberine hydrochloride solubilized with β -cyclodextrin for potential anti-infection oral administration. <i>International Journal of Biological Macromolecules</i> , 2020 , 153, 633-640	7.9	13
109	Biobased materials for active food packaging: A review. <i>Food Hydrocolloids</i> , 2021 , 125, 107419	10.6	13
108	A Hierarchical Structured Ultrafine Fiber Device for Preventing Postoperative Recurrence and Metastasis of Breast Cancer. <i>Advanced Functional Materials</i> , 2020 , 30, 2004851	15.6	13
107	Poly(4-vinylaniline)/polyaniline bilayer functionalized bacterial cellulose membranes as bioelectronics interfaces. <i>Carbohydrate Polymers</i> , 2019 , 204, 190-201	10.3	13
106	Nanotechnology Promotes Genetic and Functional Modifications of Therapeutic T Cells Against Cancer. <i>Advanced Science</i> , 2020 , 7, 1903164	13.6	12
105	Cysteine-rich protein-templated silver nanoclusters as a fluorometric probe for mercury(II) detection. <i>Analytical Methods</i> , 2019 , 11, 733-738	3.2	11
104	Dihydroartemisinin inhibits EMT induced by platinum-based drugs via Akt-Snail pathway. <i>Oncotarget</i> , 2017 , 8, 103815-103827	3.3	11
103	Regenerated keratin-encapsulated gold nanorods for chemo-photothermal synergistic therapy. <i>Materials Science and Engineering C</i> , 2020 , 117, 111340	8.3	11
102	Glucose-triggered in situ forming keratin hydrogel for the treatment of diabetic wounds. <i>Acta Biomaterialia</i> , 2021 , 125, 208-218	10.8	11
101	Multifunctional nanoplatforms co-delivering combinatorial dual-drug for eliminating cancer multidrug resistance. <i>Theranostics</i> , 2021 , 11, 6334-6354	12.1	11
100	Liposomes with Water as a pH-Responsive Functionality for Targeting of Acidic Tumor and Infection Sites. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17714-17719	16.4	11
99	Self-powered hydrogels induced by ion transport. <i>Nanoscale</i> , 2017 , 9, 17080-17090	7.7	10
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97	Dielectric properties of aluminum silver alloy thin films in optical frequency range. <i>Journal of Applied Physics</i> , 2011 , 109, 123105	2.5	10
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