

Xiaofeng Sui

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.

178
papers

4,276
citations

37
h-index

55
g-index

192
ext. papers

5,315
ext. citations

6.9
avg, IF

5.9
L-index

#	Paper	IF	Citations
178	Acrylonitrile-butadiene-styrene-based composites derived from fish-net-inspired Pickering emulsion for high-performance electromagnetic interference shielding and thermal management. <i>Composites Communications</i> , 2022 , 30, 101085	6.7	0
177	Poly(lactic acid)/carbon nanotube composites with enhanced electrical conductivity via a two-step dispersion strategy. <i>Composites Communications</i> , 2022 , 30, 101087	6.7	1
176	High Yield Production of Chitin Nanocrystals via Hydrochloric Acid Vapor Pre-treatment. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 128567	5.1	0
175	High-tensile regenerated cellulose films enabled by unexpected enhancement of cellulose dissolution in cryogenic aqueous phosphoric acid. <i>Carbohydrate Polymers</i> , 2022 , 277, 118878	10.3	1
174	Preparation and characterization of polyphosphazene-based flame retardants with different functional groups. <i>Polymer Degradation and Stability</i> , 2022 , 196, 109815	4.7	3
173	Engineering regenerated nanosilk to efficiently stabilize pickering emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022 , 635, 128065	5.1	0
172	Thermally conductive poly(lactic acid)/boron nitride composites via regenerated cellulose assisted Pickering emulsion approach. <i>Journal of Materials Science and Technology</i> , 2022 , 101, 146-154	9.1	1
171	Asymmetric composite wound dressing with hydrophobic flexible bandage and tissue-adhesive hydrogel for joints skin wound healing. <i>Composites Part B: Engineering</i> , 2022 , 235, 109762	10	2
170	Stimuli-responsive Pickering emulsions regulated via polymerization-induced self-assembly nanoparticles.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200010	4.8	0
169	Exclusive formation of poly(lactide) stereocomplexes with enhanced melt stability via regenerated cellulose assisted Pickering emulsion approach. <i>Composites Communications</i> , 2022 , 32, 101138	6.7	0
168	Integrated Janus cellulosic composite with multiple thermal functions for personalized thermal management.. <i>Carbohydrate Polymers</i> , 2022 , 288, 119409	10.3	1
167	Foaming of Polylactic Acid/Cellulose Nanocrystal Composites: Pickering Emulsion Templating for High-Homogeneity Filler Dispersions. <i>ACS Applied Polymer Materials</i> , 2022 , 4, 111-120	4.3	0
166	Morphology-Controlled Synthesis of Polyphosphazene-Based Micro- and Nano-Materials and Their Application as Flame Retardants. <i>Polymers</i> , 2022 , 14, 2072	4.5	1
165	growth of CuS NPs on 3D porous cellulose macrospheres as recyclable biocatalysts for organic dye degradation.. <i>RSC Advances</i> , 2021 , 11, 36554-36563	3.7	
164	Highly Stable and Nonflammable Hydrated Salt-Paraffin Shape-Memory Gels for Sustainable Building Technology. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 15442-15450	8.3	1
163	g-C ₃ N ₄ nanosheets exfoliated by green wet ball milling process for photodegradation of organic pollutants. <i>Chemical Physics Letters</i> , 2021 , 766, 138335	2.5	3
162	Robust, floatable, steam generator based on the graded porous polyimide film for efficient solar desalination. <i>Polymers for Advanced Technologies</i> , 2021 , 32, 3436-3445	3.2	

161	Acetone/Water Cosolvent Approach to Lignin Nanoparticles with Controllable Size and Their Applications for Pickering Emulsions. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 5470-5480	8.3	8
160	Study on the effect of different dyeing systems on the interaction of multi-component reactive dyes by Raman spectroscopy. <i>Coloration Technology</i> , 2021 , 137, 520-529	2	0
159	Facile biosynthesis of synthetic crystalline cellulose nanoribbon from maltodextrin through a minimized two-enzyme phosphorylase cascade and its application in emulsion. <i>Journal of Biotechnology</i> , 2021 , 332, 54-60	3.7	0
158	Regenerated chitin reinforced polyhydroxybutyrate composites via Pickering emulsion template with improved rheological, thermal, and mechanical properties. <i>Composites Communications</i> , 2021 , 25, 100655	6.7	6
157	Stable sunflower oil oleogel from oil/water pickering emulsion with regenerated chitin. <i>LWT - Food Science and Technology</i> , 2021 , 146, 111483	5.4	4
156	Self-healing and acidochromic polyvinyl alcohol hydrogel reinforced by regenerated cellulose. <i>Carbohydrate Polymers</i> , 2021 , 255, 117331	10.3	7
155	Enzymatic graft polymerization from cellulose acetoacetate: a versatile strategy for cellulose functionalization. <i>Cellulose</i> , 2021 , 28, 691-701	5.5	3
154	Robust Fabrication of Fluorescent Cellulosic Materials via Hantzsch Reaction. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000496	4.8	6
153	Synthetic semicrystalline cellulose oligomers as efficient Pickering emulsion stabilizers. <i>Carbohydrate Polymers</i> , 2021 , 254, 117445	10.3	8
152	High-energy storage graphene oxide modified phase change microcapsules from regenerated chitin Pickering Emulsion for photothermal conversion. <i>Solar Energy Materials and Solar Cells</i> , 2021 , 222, 110924	6.4	11
151	A Nature-Inspired Monolithic Integrated Cellulose Aerogel-Based Evaporator for Efficient Solar Desalination. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 10612-10622	9.5	20
150	A recyclable 3D g-C ₃ N ₄ based nanocellulose aerogel composite for photodegradation of organic pollutants. <i>Cellulose</i> , 2021 , 28, 3531-3547	5.5	5
149	Biphasic organohydrogels based on phase change materials with excellent thermostability for thermal management applications. <i>Chemical Engineering Journal</i> , 2021 , 416, 129181	14.7	7
148	Rheology of PLA/regenerated cellulose nanocomposites prepared by the pickering emulsion process: Network formation and modeling. <i>Materials and Design</i> , 2021 , 206, 109774	8.1	4
147	Lightweight, Environmentally Friendly, and Underwater Superelastic 3D-Architected Aerogels for Efficient Protein Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 11738-11747	8.3	1
146	Re-dispersible dry sunflower oil emulsions enabled by regenerated chitin. <i>LWT - Food Science and Technology</i> , 2021 , 149, 111892	5.4	
145	Nanocellulose-mediated transparent high strength conductive hydrogel based on in-situ formed polypyrrole nanofibrils as a multimodal sensor. <i>Carbohydrate Polymers</i> , 2021 , 273, 118600	10.3	7
144	A study of the diffusion behaviour of reactive dyes in cellulose fibres using confocal Raman microscopy. <i>Coloration Technology</i> , 2020 , 136, 503-511	2	4

143	Multifaceted applications of cellulosic porous materials in environment, energy, and health. <i>Progress in Polymer Science</i> , 2020 , 106, 101253	29.6	31
142	Facile Fabrication of Robust and Stretchable Cellulose Nanofibers/Polyurethane Hybrid Aerogels. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 8977-8985	8.3	17
141	Injectable and self-healing hydrogel as a stem cells carrier for treatment of diabetic erectile dysfunction. <i>Materials Science and Engineering C</i> , 2020 , 116, 111214	8.3	4
140	Durable and Effective Antibacterial Cotton Fabric Collaborated with Polypropylene Tissue Mesh for Abdominal Wall Defect Repair. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 3868-3877	5.5	7
139	Cellulosic sponges with pH responsive wettability for efficient oil-water separation. <i>Carbohydrate Polymers</i> , 2020 , 237, 116133	10.3	41
138	Microencapsulated phase change material via Pickering emulsion stabilized by graphene oxide for photothermal conversion. <i>Journal of Materials Science</i> , 2020 , 55, 7731-7742	4.3	25
137	A shape-stable phase change composite prepared from cellulose nanofiber/polypyrrole/polyethylene glycol for electric-thermal energy conversion and storage. <i>Chemical Engineering Journal</i> , 2020 , 400, 125950	14.7	25
136	Making polymers colored and stiffer by dyed regenerated cellulose employing Pickering emulsions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 592, 124601	5.1	2
135	Polyphosphazene microspheres modified with transition metal hydroxystannate for enhancing the flame retardancy of polyethylene terephthalate. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 1194-1207	3.2	10
134	Rheology of regenerated cellulose suspension and influence of sodium alginate. <i>International Journal of Biological Macromolecules</i> , 2020 , 148, 811-816	7.9	14
133	Cellulosic scaffolds doped with boron nitride nanosheets for shape-stabilized phase change composites with enhanced thermal conductivity. <i>International Journal of Biological Macromolecules</i> , 2020 , 148, 627-634	7.9	22
132	A naked-eye detection polyvinyl alcohol/cellulose-based pH sensor for intelligent packaging. <i>Carbohydrate Polymers</i> , 2020 , 233, 115859	10.3	42
131	A facile method for fabricating color adjustable multifunctional cotton fabrics with solid solution BiOBr ₁₁ nanosheets. <i>Cellulose</i> , 2020 , 27, 3517-3530	5.5	5
130	Aggregation behaviors of thermo-responsive methylcellulose in water: A molecular dynamics simulation study. <i>Journal of Molecular Graphics and Modelling</i> , 2020 , 97, 107554	2.8	7
129	Smart cotton fabric screen-printed with viologen polymer: photochromic, thermochromic and ammonia sensing. <i>Cellulose</i> , 2020 , 27, 2939-2952	5.5	17
128	Facile fabrication of carboxymethyl chitosan/paraffin coated carboxymethylated cotton fabric with asymmetric wettability for hemostatic wound dressing. <i>Cellulose</i> , 2020 , 27, 3443-3453	5.5	17
127	Cellulose nanocrystals-composited poly (methyl methacrylate) encapsulated n-eicosane via a Pickering emulsion-templating approach for energy storage. <i>Carbohydrate Polymers</i> , 2020 , 234, 115934	10.3	14
126	Study of the aggregation behaviour of three primary reactive dyes via molecular dynamics simulations. <i>Molecular Simulation</i> , 2020 , 46, 627-637	2	2

125	Preparation and characterization of carboxymethylated cotton fabrics as hemostatic wound dressing. <i>International Journal of Biological Macromolecules</i> , 2020 , 160, 18-25	7.9	10
124	Construction of a metallic silver nanoparticle-decorated bismuth oxybromide-based composite material as a readily recyclable photocatalyst. <i>Journal of Cleaner Production</i> , 2020 , 246, 119007	10.3	16
123	Real-time monitoring of multicomponent reactive dye adsorption on cotton fabrics by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 230, 118051	4.4	4
122	Shape-stabilized hydrated salt/paraffin composite phase change materials for advanced thermal energy storage and management. <i>Chemical Engineering Journal</i> , 2020 , 385, 123958	14.7	36
121	Antibacterial thyme oil-loaded organo-hydrogels utilizing cellulose acetoacetate as reactive polymer emulsifier. <i>International Journal of Biological Macromolecules</i> , 2020 , 147, 18-23	7.9	10
120	Transforming commercial regenerated cellulose yarns into multifunctional wearable electronic textiles. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 1309-1318	7.1	16
119	Lignin assisted Pickering emulsion polymerization to microencapsulate 1-tetradecanol for thermal management. <i>International Journal of Biological Macromolecules</i> , 2020 , 146, 1-8	7.9	12
118	An autonomously healable, highly stretchable and cyclically compressible, wearable hydrogel as a multimodal sensor. <i>Polymer Chemistry</i> , 2020 , 11, 1327-1336	4.9	16
117	Flame-retardant poly (ethylene terephthalate) enabled by a novel melamine polyphosphate nanowire. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 795-806	3.2	8
116	Antibacterial phase change microcapsules obtained with lignin as the Pickering stabilizer and the reducing agent for silver. <i>International Journal of Biological Macromolecules</i> , 2020 , 144, 624-631	7.9	16
115	Highly Efficient Oxidative Desulfurization Catalyzed by a Polyoxometalate/Carbonized Cellulose Nanofiber Composite. <i>Energy & Fuels</i> , 2020 , 34, 778-786	4.1	11
114	The fabrication of polylactide/cellulose nanocomposites with enhanced crystallization and mechanical properties. <i>International Journal of Biological Macromolecules</i> , 2020 , 155, 1578-1588	7.9	17
113	The effect of the degree of substitution on the solubility of cellulose acetoacetates in water: A molecular dynamics simulation and density functional theory study. <i>Carbohydrate Research</i> , 2020 , 496, 108134	2.9	3
112	Calcium functioned carboxymethylated cotton fabric for hemostatic wound dressing. <i>Cellulose</i> , 2020 , 27, 10139-10149	5.5	4
111	Sponges with Janus Character from Nanocellulose: Preparation and Applications in the Treatment of Hemorrhagic Wounds. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901796	10.1	14
110	Mechanically flexible, waterproof, breathable cellulose/polypyrrole/polyurethane composite aerogels as wearable heaters for personal thermal management. <i>Chemical Engineering Journal</i> , 2020 , 402, 126222	14.7	32
109	Tailoring the droplet size of Pickering emulsions by PISA synthesized polymeric nanoparticles. <i>Polymer</i> , 2020 , 206, 122853	3.9	15
108	Fabrication of lignin/poly(3-hydroxybutyrate) nanocomposites with enhanced properties via a Pickering emulsion approach. <i>International Journal of Biological Macromolecules</i> , 2020 , 165, 3078-3087	7.9	10

107	Stable microencapsulated phase change materials with ultrahigh payload for efficient cooling of mobile electronic devices. <i>Energy Conversion and Management</i> , 2020 , 223, 113478	10.6	20
106	Novel organic-inorganic hybrid polyphosphazene modified manganese hypophosphite shuttles towards the fire retardance and anti-dripping of PET. <i>European Polymer Journal</i> , 2019 , 120, 109270	5.2	13
105	Enzymatic degradation of PLA/cellulose nanocrystal composites. <i>Industrial Crops and Products</i> , 2019 , 141, 111799	5.9	26
104	Functionalization of cotton fabric with bismuth oxyiodide nanosheets: applications for photodegrading organic pollutants, UV shielding and self-cleaning. <i>Cellulose</i> , 2019 , 26, 2873-2884	5.5	16
103	Durable antibacterial and hydrophobic cotton fabrics utilizing enamine bonds. <i>Carbohydrate Polymers</i> , 2019 , 211, 173-180	10.3	48
102	High-performance polypyrrole coated knitted cotton fabric electrodes for wearable energy storage. <i>Organic Electronics</i> , 2019 , 74, 59-68	3.5	19
101	Chitosan-bound carboxymethylated cotton fabric and its application as wound dressing. <i>Carbohydrate Polymers</i> , 2019 , 221, 202-208	10.3	33
100	CO-Responsive Cellulose Nanofibers Aerogels for Switchable Oil-Water Separation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9367-9373	9.5	78
99	Enhancing electrical conductivity and electrical stability of polypyrrole-coated cotton fabrics via surface microdissolution. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47515	2.9	8
98	Construction of functional cellulose aerogels via atmospheric drying chemically cross-linked and solvent exchanged cellulose nanofibrils. <i>Chemical Engineering Journal</i> , 2019 , 366, 531-538	14.7	47
97	Pickering emulsion process assisted construction of regenerated chitin reinforced poly (lactic acid) blends. <i>International Journal of Biological Macromolecules</i> , 2019 , 140, 10-16	7.9	6
96	Multi-responsive, self-healing and adhesive PVA based hydrogels induced by the ultrafast complexation of Fe ions. <i>Soft Matter</i> , 2019 , 15, 7404-7411	3.6	17
95	Nanocellulose sponges as efficient continuous flow reactors. <i>Carbohydrate Polymers</i> , 2019 , 224, 115184	10.3	3
94	Regenerated cellulose-dispersed polystyrene composites enabled via Pickering emulsion polymerization. <i>Carbohydrate Polymers</i> , 2019 , 223, 115079	10.3	16
93	Poly(lactic acid)/cellulose nanocrystal composites via the Pickering emulsion approach: Rheological, thermal and mechanical properties. <i>International Journal of Biological Macromolecules</i> , 2019 , 137, 197-204	7.9	38
92	Catalytic MOF-loaded cellulose sponge for rapid degradation of chemical warfare agents simulant. <i>Carbohydrate Polymers</i> , 2019 , 213, 184-191	10.3	36
91	The comb-like modified styrene-maleic anhydride copolymer dispersant for disperse dyes. <i>Journal of Applied Polymer Science</i> , 2019 , 136, 47330	2.9	10
90	Oil-in-water Pickering emulsions from three plant-derived regenerated celluloses. <i>Carbohydrate Polymers</i> , 2019 , 207, 755-763	10.3	19

89	High-performance textile electrodes for wearable electronics obtained by an improved in situ polymerization method. <i>Chemical Engineering Journal</i> , 2019 , 361, 897-907	14.7	55
88	Bio-based polymer colorants from nonaqueous reactive dyeing of regenerated cellulose for plastics and textiles. <i>Carbohydrate Polymers</i> , 2019 , 206, 734-741	10.3	13
87	Polysaccharide-based edible emulsion gel stabilized by regenerated cellulose. <i>Food Hydrocolloids</i> , 2019 , 91, 232-237	10.6	31
86	Biginelli reaction on cellulose acetoacetate: a new approach for versatile cellulose derivatives. <i>Carbohydrate Polymers</i> , 2019 , 209, 223-229	10.3	15
85	Synthesis of fibrous LaFeO perovskite oxide for adsorption of Rhodamine B. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 168, 35-44	7	29
84	Poly(lactic acid)/lignin blends prepared with the Pickering emulsion template method. <i>European Polymer Journal</i> , 2019 , 110, 378-384	5.2	41
83	Copper-loaded nanocellulose sponge as a sustainable catalyst for regioselective hydroboration of alkynes. <i>Carbohydrate Polymers</i> , 2018 , 191, 17-24	10.3	24
82	Flexible cellulose-based thermoelectric sponge towards wearable pressure sensor and energy harvesting. <i>Chemical Engineering Journal</i> , 2018 , 338, 1-7	14.7	62
81	Facile preparation of polysaccharide-based sponges and their potential application in wound dressing. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 634-640	7.3	37
80	Facile fabrication of thiol-modified cellulose sponges for adsorption of Hg ²⁺ from aqueous solutions. <i>Cellulose</i> , 2018 , 25, 3025-3035	5.5	17
79	Synergistic effects of a novel silicon-containing triazine charring agent on the flame-retardant properties of poly(ethylene terephthalate)/hexakis (4-phenoxy)cyclotriphosphazene composites. <i>Polymer Composites</i> , 2018 , 39, 858-868	3	8
78	A novel low add-on technology of dyeing cotton fabric with reactive dyestuff. <i>Textile Research Journal</i> , 2018 , 88, 1345-1355	1.7	14
77	Biodegradable regenerated cellulose-dispersed composites with improved properties via a pickering emulsion process. <i>Carbohydrate Polymers</i> , 2018 , 179, 86-92	10.3	50
76	Temperature-responsive cellulose sponge with switchable pore size: Application as a water flow manipulator. <i>Materials Letters</i> , 2018 , 210, 337-340	3.3	10
75	Sag control of waterborne acrylic latex with regenerated nanocellulose suspension. <i>Progress in Organic Coatings</i> , 2018 , 123, 146-152	4.8	7
74	Fabrication of Thermoresponsive Polymer-Functionalized Cellulose Sponges: Flexible Porous Materials for Stimuli-Responsive Catalytic Systems. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 27831-27839	9.5	22
73	A light-weight and high-efficacy antibacterial nanocellulose-based sponge via covalent immobilization of gentamicin. <i>Carbohydrate Polymers</i> , 2018 , 200, 595-601	10.3	27
72	Dually self-reinforced Poly(Ecaprolactone) composites based on unidirectionally arranged fibers. <i>Composites Science and Technology</i> , 2018 , 165, 331-338	8.6	5

71	Effect of Counterion Choice on the Stability of Cellulose Nanocrystal Pickering Emulsions. <i>Industrial & Engineering Chemistry Research</i> , 2018 , 57, 7169-7180	3.9	32
70	Application of self-templated PHMA sub-microtubes in enhancing flame-retardance and anti-dripping of PET. <i>Polymer Degradation and Stability</i> , 2018 , 154, 239-247	4.7	11
69	Preparation of upconversion Yb ³⁺ doped microspherical BiOI with promoted photocatalytic performance. <i>Solid State Sciences</i> , 2018 , 75, 45-52	3.4	15
68	Durable flame retardant and antibacterial finishing on cotton fabrics with cyclotriphosphazene/polydopamine/silver nanoparticles hybrid coatings. <i>Applied Surface Science</i> , 2018 , 435, 1337-1343	6.7	72
67	Self-healing and injectable polysaccharide hydrogels with tunable mechanical properties. <i>Cellulose</i> , 2018 , 25, 559-571	5.5	49
66	Chemical crosslinking reinforced flexible cellulose nanofiber-supported cryogel. <i>Cellulose</i> , 2018 , 25, 573-582	5.9	37
65	Cellulose-rich oleogels prepared with an emulsion-templated approach. <i>Food Hydrocolloids</i> , 2018 , 77, 460-464	10.6	58
64	Precipitated silica agglomerates reinforced with cellulose nanofibrils as adsorbents for heavy metals.. <i>RSC Advances</i> , 2018 , 8, 33129-33137	3.7	9
63	A heterogeneous binary solvent system for recyclable reactive dyeing of cotton fabrics. <i>Cellulose</i> , 2018 , 25, 7381-7392	5.5	7
62	A waterborne bio-based polymer pigment: colored regenerated cellulose suspension from waste cotton fabrics. <i>Cellulose</i> , 2018 , 25, 7369-7379	5.5	12
61	In Vitro Digestion of Oil-in-Water Emulsions Stabilized by Regenerated Chitin. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 12344-12352	5.7	29
60	Enamine Approach for Versatile and Reversible Functionalization on Cellulose Related Porous Sponges. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9028-9036	8.3	17
59	Preparation and properties of poly(ϵ -caprolactone) self-reinforced composites based on fibers/matrix structure. <i>Journal of Applied Polymer Science</i> , 2017 , 134,	2.9	3
58	Cellulose Sponge Supported Palladium Nanoparticles as Recyclable Cross-Coupling Catalysts. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 17155-17162	9.5	99
57	Facile synthesis of cellulose derivatives based on cellulose acetoacetate. <i>Carbohydrate Polymers</i> , 2017 , 170, 117-123	10.3	21
56	Preparation and characterization of biodegradable poly(ϵ -caprolactone) self-reinforced composites and their crystallization behavior. <i>Polymer International</i> , 2017 , 66, 1555-1563	3.3	6
55	Construction of CQDs-Bi ₂ O ₃ /TiO ₂ /PAN electrospun fiber membranes and their photocatalytic activity for isoproturon degradation under visible light. <i>Materials Research Bulletin</i> , 2017 , 94, 7-14	5.1	19
54	Cellulose nanofibril-reinforced biodegradable polymer composites obtained via a Pickering emulsion approach. <i>Cellulose</i> , 2017 , 24, 3313-3322	5.5	42

53	Thiol-ene click reaction on cellulose sponge and its application for oil/water separation. <i>RSC Advances</i> , 2017 , 7, 20147-20151	3.7	33
52	PAN supported Ag-AgBr@Bi ₂ O ₃ /TiO ₂ electrospun fiber mats with efficient visible light photocatalytic activity and antibacterial capability. <i>Separation and Purification Technology</i> , 2017 , 176, 277-286	8.3	32
51	Self-propelled supramolecular nanomotors with temperature-responsive speed regulation. <i>Nature Chemistry</i> , 2017 , 9, 480-486	17.6	197
50	Facile fabrication of redox/pH dual stimuli responsive cellulose hydrogel. <i>Carbohydrate Polymers</i> , 2017 , 176, 299-306	10.3	59
49	An acid-seeking carrier-free drug achieves high antitumor activity via a "solution-particle" transition. <i>Journal of Controlled Release</i> , 2017 , 262, 305-316	11.7	9
48	Facile synthesis of microfibrillated cellulose/organosilicon/polydopamine composite sponges with flame retardant properties. <i>Cellulose</i> , 2017 , 24, 3815-3823	5.5	41
47	Lasting superhydrophobicity and antibacterial activity of Cu nanoparticles immobilized on the surface of dopamine modified cotton fabrics. <i>Surface and Coatings Technology</i> , 2017 , 309, 149-154	4.4	47
46	Construction of up-converting fluorescent carbon quantum dots/Bi ₂ O ₃ /TiO ₂ composites with enhanced photocatalytic properties under visible light. <i>Chemical Engineering Journal</i> , 2017 , 310, 79-90	14.7	35
45	Highly Swellable, Dual-Responsive Hydrogels Based on PNIPAM and Redox Active Poly(ferrocenylsilane) Poly(ionic liquid)s: Synthesis, Structure, and Properties. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1939-1944	4.8	36
44	Durable flame retardant finishing of cotton fabrics with organosilicon functionalized cyclotriphosphazene. <i>Polymer Degradation and Stability</i> , 2016 , 128, 22-28	4.7	63
43	Fabrication of novel rGO/Bi ₂ O ₃ /TiO ₂ heterojunction for enhanced visible-light photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016 , 329, 18-25	4.7	11
42	Self-Healing Polysaccharide Hydrogel Based on Dynamic Covalent Enamine Bonds. <i>Macromolecular Materials and Engineering</i> , 2016 , 301, 725-732	3.9	70
41	Macromol. Rapid Commun. 23/2016. <i>Macromolecular Rapid Communications</i> , 2016 , 37, 1980-1980	4.8	
40	High-Temperature Auto-Cross-Linking Cyclotriphosphazene: Synthesis and Application in Flame Retardance and Antidripping Poly(ethylene terephthalate). <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 3788-3799	3.9	22
39	Robust formation of biodegradable polymersomes by direct hydration. <i>Polymer Chemistry</i> , 2015 , 6, 691-696	4.9	32
38	The flame-retardant properties and mechanisms of poly(ethylene terephthalate)/hexakis (para-allyloxyphenoxy) cyclotriphosphazene systems. <i>Journal of Applied Polymer Science</i> , 2015 , 132, n/a-n/a	2.9	10
37	Thin film hydrogels from redox responsive poly(ferrocenylsilanes): Preparation, properties, and applications in electrocatalysis. <i>European Polymer Journal</i> , 2015 , 72, 535-542	5.2	23
36	Fabrication of Z-scheme photocatalyst Ag ₂ AgBr@Bi ₂ O ₃ /TiO ₂ and its visible-light photocatalytic activity for the degradation of isoproturon herbicide. <i>Journal of Molecular Catalysis A</i> , 2015 , 406, 194-203		41

35	Collapse from the top: brushes of poly(N-isopropylacrylamide) in co-nonsolvent mixtures. <i>Soft Matter</i> , 2014 , 10, 3134-42	3.6	35
34	Breathing pores on command: redox-responsive spongy membranes from poly(ferrocenylsilane)s. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13789-93	16.4	77
33	Redox-responsive organometallic microgel particles prepared from poly(ferrocenylsilane)s generated using microfluidics. <i>Chemical Communications</i> , 2014 , 50, 3058-60	5.8	28
32	Electrografting of stimuli-responsive, redox active organometallic polymers to gold from ionic liquids. <i>Journal of the American Chemical Society</i> , 2014 , 136, 7865-8	16.4	50
31	Breathing Pores on Command: Redox-Responsive Spongy Membranes from Poly(ferrocenylsilane)s. <i>Angewandte Chemie</i> , 2014 , 126, 14009-14013	3.6	8
30	Poly(N-isopropylacrylamide) β poly(ferrocenylsilane) dual-responsive hydrogels: synthesis, characterization and antimicrobial applications. <i>Polymer Chemistry</i> , 2013 , 4, 337-342	4.9	52
29	Redox active gels: synthesis, structures and applications. <i>Journal of Materials Chemistry B</i> , 2013 , 1, 1658-1672	16.4	97
28	Covalent layer-by-layer assembly of redox-active polymer multilayers. <i>Langmuir</i> , 2013 , 29, 7257-65	4	32
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24	Controlled Surface Initiated Polymerization of N-Isopropylacrylamide from Polycaprolactone Substrates for Regulating Cell Attachment and Detachment. <i>Israel Journal of Chemistry</i> , 2012 , 52, 339-346	3.4	9
23	Fabrication and antimicrobial effects of silver nanoparticle-poly(N-isopropylacrylamide)-poly(ferrocenylsilane) hydrogel composites. <i>Materials Research Society Symposia Proceedings</i> , 2012 , 1453, 21		
22	Stability and Cell Adhesion Properties of Poly(N-isopropylacrylamide) Brushes with Variable Grafting Densities. <i>Australian Journal of Chemistry</i> , 2011 , 64, 1261	1.2	21
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11	Grafting of PEG onto lanthanum hydroxide nanowires. <i>Materials Letters</i> , 2008 , 62, 4078-4080	3.3	13
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6	Rigid and conductive lightweight regenerated cellulose/carbon nanotubes/acrylonitrileButadieneStyrene nanocomposites constructed via a Pickering emulsion process. <i>Journal of Applied Polymer Science</i> , 51964	2.9	0
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