

Lifeng Yan

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205
papers

8,298
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86
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224
ext. papers

9,380
ext. citations

5.8
avg, IF

6.65
L-index

#	Paper	IF	Citations
205	Preparation of graphene by the rapid and mild thermal reduction of graphene oxide induced by microwaves. <i>Carbon</i> , 2010 , 48, 1146-1152	10.4	816
204	Self-assembly and embedding of nanoparticles by in situ reduced graphene for preparation of a 3D graphene/nanoparticle aerogel. <i>Advanced Materials</i> , 2011 , 23, 5679-83	24	755
203	In situ self-assembly of mild chemical reduction graphene for three-dimensional architectures. <i>Nanoscale</i> , 2011 , 3, 3132-7	7.7	602
202	Chemical Reduction of Graphene Oxide to Graphene by Sulfur-Containing Compounds. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 19885-19890	3.8	413
201	Preparation of chitosan/graphene oxide composite film with enhanced mechanical strength in the wet state. <i>Carbohydrate Polymers</i> , 2011 , 83, 653-658	10.3	410
200	Preparation of graphene by a low-temperature thermal reduction at atmosphere pressure. <i>Nanoscale</i> , 2010 , 2, 559-63	7.7	292
199	Dramatically enhanced photoresponse of reduced graphene oxide with linker-free anchored CdSe nanoparticles. <i>ACS Nano</i> , 2010 , 4, 3033-8	16.7	243
198	Self-assembled biodegradable micellar nanoparticles of amphiphilic and cationic block copolymer for siRNA delivery. <i>Biomaterials</i> , 2008 , 29, 4348-55	15.6	217
197	Fabrication of a 3D MnO ₂ /graphene hydrogel for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 2765	13	192
196	Cellulose/graphite oxide composite films with improved mechanical properties over a wide range of temperature. <i>Carbohydrate Polymers</i> , 2011 , 83, 966-972	10.3	118
195	Polypeptide-Conjugated Second Near-Infrared Organic Fluorophore for Image-Guided Photothermal Therapy. <i>ACS Nano</i> , 2019 , 13, 3691-3702	16.7	112
194	Dissolving of cellulose in PEG/NaOH aqueous solution. <i>Cellulose</i> , 2008 , 15, 789-796	5.5	106
193	Supramolecular Hydrogel of Chitosan in the Presence of Graphene Oxide Nanosheets as 2D Cross-Linkers. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 296-300	8.3	98
192	Synthesis of lignin-poly(N-methylaniline)-reduced graphene oxide hydrogel for organic dye and lead ions removal. <i>Journal of Bioresources and Bioproducts</i> , 2020 , 5, 204-210	18.7	97
191	Tunable Thermosensitivity of Biodegradable Polymer Micelles of Poly(ϵ -caprolactone) and Polyphosphoester Block Copolymers. <i>Macromolecules</i> , 2009 , 42, 3026-3032	5.5	91
190	Production of Levulinic Acid from Bagasse and Paddy Straw by Liquefaction in the Presence of Hydrochloric Acid. <i>Clean - Soil, Air, Water</i> , 2008 , 36, 158-163	1.6	86
189	CFD studies on biomass thermochemical conversion. <i>International Journal of Molecular Sciences</i> , 2008 , 9, 1108-30	6.3	81

188	Amino-grafted graphene as a stable and metal-free solid basic catalyst. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7456		78
187	Preparation of a macroporous flexible three dimensional graphene sponge using an ice-template as the anode material for microbial fuel cells. <i>RSC Advances</i> , 2014 , 4, 21619-21624	3.7	75
186	Synthesis of disulfide-cross-linked polypeptide nanogel conjugated with a near-infrared fluorescence probe for direct imaging of reduction-induced drug release. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 5662-72	9.5	73
185	pH-Triggered Polypeptides Nanoparticles for Efficient BODIPY Imaging-Guided Near Infrared Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8980-90	9.5	71
184	Synthesis and Flocculation Behavior of Cationic Cellulose Prepared in a NaOH/Urea Aqueous Solution. <i>Clean - Soil, Air, Water</i> , 2009 , 37, 39-44	1.6	70
183	Biodegradable polycation and plasmid DNA multilayer film for prolonged gene delivery to mouse osteoblasts. <i>Biomaterials</i> , 2008 , 29, 733-41	15.6	70
182	Association of the maternal MTHFR C677T polymorphism with susceptibility to neural tube defects in offsprings: evidence from 25 case-control studies. <i>PLoS ONE</i> , 2012 , 7, e41689	3.7	67
181	Disulfide core cross-linked PEGylated polypeptide nanogel prepared by a one-step ring opening copolymerization of N-carboxyanhydrides for drug delivery. <i>Macromolecular Bioscience</i> , 2011 , 11, 962-9	5.5	67
180	Preparation of all-cellulose composite by selective dissolving of cellulose surface in PEG/NaOH aqueous solution. <i>Carbohydrate Polymers</i> , 2010 , 79, 614-619	10.3	67
179	An inorganic-organic double network hydrogel of graphene and polymer. <i>Nanoscale</i> , 2013 , 5, 6034-9	7.7	66
178	Study of the kinetics of the pancake-to-brush transition of poly(N-isopropylacrylamide) chains. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 22603-7	3.4	65
177	Galactose targeted pH-responsive copolymer conjugated with near infrared fluorescence probe for imaging of intelligent drug delivery. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 2104-15	9.5	62
176	A new insight into the adsorption of bovine serum albumin onto porous polyethylene membrane by zeta potential measurements, FTIR analyses, and AFM observations. <i>Journal of Colloid and Interface Science</i> , 2003 , 262, 342-50	9.3	60
175	Synthesis of PEG-Armed and Polyphosphoester Core-Cross-Linked Nanogel by One-Step Ring-Opening Polymerization. <i>Macromolecules</i> , 2009 , 42, 893-896	5.5	57
174	Graft copolymerization of 2-methacryloyloxyethyl phosphorylcholine to cellulose in homogeneous media using atom transfer radical polymerization for providing new hemocompatible coating materials. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3306-3313	2.5	57
173	Efficient preparation of highly hydrogenated graphene and its application as a high-performance anode material for lithium ion batteries. <i>Nanoscale</i> , 2012 , 4, 2124-9	7.7	56
172	Assembling hollow carbon sphere-graphene polyolithic aerogels for thermoelectric cells. <i>Nano Energy</i> , 2017 , 39, 470-477	17.1	54
171	Biodegradable vesicular nanocarriers based on poly(ϵ -caprolactone)-block-poly(ethyl ethylene phosphate) for drug delivery. <i>Polymer</i> , 2009 , 50, 5048-5054	3.9	53

170	A reduction-responsive polypeptide nanogel encapsulating NIR photosensitizer for imaging guided photodynamic therapy. <i>Polymer Chemistry</i> , 2016 , 7, 951-957	4.9	52
169	Microscale analysis of in vitro anaerobic degradation of lignocellulosic wastes by rumen microorganisms. <i>Environmental Science & Technology</i> , 2008 , 42, 276-81	10.3	52
168	Study of the kinetics of mushroom-to-brush transition of charged polymer chains. <i>Polymer</i> , 2006 , 47, 3157-3163	3.9	51
167	Preparation of Flexible, Highly Transparent, Cross-Linked Cellulose Thin Film with High Mechanical Strength and Low Coefficient of Thermal Expansion. <i>ACS Sustainable Chemistry and Engineering</i> , 2013 , 1, 1474-1479	8.3	49
166	Seminal superoxide dismutase activity and its relationship with semen quality and SOD gene polymorphism. <i>Journal of Assisted Reproduction and Genetics</i> , 2014 , 31, 549-54	3.4	45
165	Near infrared imaging-guided photodynamic therapy under an extremely low energy of light by galactose targeted amphiphilic polypeptide micelle encapsulating BODIPY-Br. <i>Biomaterials Science</i> , 2016 , 4, 1638-1645	7.4	44
164	NIR imaging-guided combined photodynamic therapy and chemotherapy by a pH-responsive amphiphilic polypeptide prodrug. <i>Biomaterials Science</i> , 2017 , 5, 313-321	7.4	42
163	Surfactant-free synthesis of amphiphilic diblock copolymer in aqueous phase by a self-stability process. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 3098-3107	2.5	41
162	Effect of pH on gelatin self-association investigated by laser light scattering and atomic force microscopy. <i>Polymer International</i> , 2002 , 51, 233-238	3.3	41
161	Synthesis of Microporous Cationic Hydrogel of Hydroxypropyl Cellulose (HPC) and its Application on Anionic Dye Removal. <i>Clean - Soil, Air, Water</i> , 2009 , 37, 392-398	1.6	40
160	Direct visualization of straw cell walls by AFM. <i>Macromolecular Bioscience</i> , 2004 , 4, 112-8	5.5	40
159	MnCo ₂ S ₄ nanoparticles anchored to N- and S-codoped 3D graphene as a prominent electrode for asymmetric supercapacitors. <i>Carbon</i> , 2019 , 146, 420-429	10.4	40
158	Three dimensional Ni(OH) ₂ /rGO hydrogel as binder-free electrode for asymmetric supercapacitor. <i>Journal of Alloys and Compounds</i> , 2018 , 735, 2428-2435	5.7	39
157	Free-standing dried foam films of graphene oxide for humidity sensing. <i>Sensors and Actuators B: Chemical</i> , 2015 , 215, 316-322	8.5	38
156	Reduced graphene oxide hydrogel film with a continuous ion transport network for supercapacitors. <i>Nanoscale</i> , 2015 , 7, 3712-8	7.7	37
155	Degradation of Cellulose to Organic Acids in its Homogeneous Alkaline Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2014 , 2, 897-901	8.3	36
154	Dissolving cellulose in a NaOH/thiourea aqueous solution: a topochemical investigation. <i>Macromolecular Bioscience</i> , 2007 , 7, 1139-48	5.5	36
153	Centimeter-sized dried foam films of graphene: preparation, mechanical and electronic properties. <i>Advanced Materials</i> , 2012 , 24, 6229-33	24	35

152	Transparent Wood Film Incorporating Carbon Dots as Encapsulating Material for White Light-Emitting Diodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 9314-9323	8.3	34
151	One-step synthesis of pegylated cationic nanogels of poly(N,N?-dimethylaminoethyl methacrylate) in aqueous solution via self-stabilizing micelles using an amphiphilic macroRAFT agent. <i>Polymer</i> , 2010 , 51, 2161-2167	3.9	34
150	High-Efficiency Cryo-Thermocells Assembled with Anisotropic Holey Graphene Aerogel Electrodes and a Eutectic Redox Electrolyte. <i>Advanced Materials</i> , 2019 , 31, e1901403	24	33
149	Deep eutectic solvent (DES) as both solvent and catalyst for oxidation of furfural to maleic acid and fumaric acid. <i>Green Chemistry</i> , 2019 , 21, 1075-1079	10	31
148	Oxygen self-sufficient fluorinated polypeptide nanoparticles for NIR imaging-guided enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 2323-2331	7.3	31
147	Directional synthesis of ethylbenzene through catalytic transformation of lignin. <i>Bioresource Technology</i> , 2013 , 143, 59-67	11	31
146	[a]-Phenanthrene-Fused BF Azadipyromethene (AzaBODIPY) Dyes as Bright Near-Infrared Fluorophores. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10341-10349	4.2	30
145	Electrochemical reduction of bulk graphene oxide materials. <i>RSC Advances</i> , 2016 , 6, 80106-80113	3.7	29
144	Asymmetric Supercapacitors Assembled by Dual Spinel [email[protected]] Nanocomposites as Electrodes. <i>ACS Applied Energy Materials</i> , 2018 , 1, 3206-3215	6.1	29
143	Synthesis of achiral PEG-PANI rod-coil block copolymers and their helical superstructures. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 12-20	2.5	29
142	Dissolution of highly molecular weight cellulose isolated from wheat straw in deep eutectic solvent of Choline/l-Lysine hydrochloride. <i>Green Energy and Environment</i> , 2020 , 5, 232-239	5.7	28
141	In situ formation of a renewable cellulose hydrogel electrolyte for high-performance flexible all-solid-state asymmetric supercapacitors. <i>Sustainable Energy and Fuels</i> , 2019 , 3, 3109-3115	5.8	27
140	PEG conjugated BODIPY-Br as macro-photosensitizer for efficient imaging-guided photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 753-762	7.3	27
139	Synthesis of polypeptide conjugated with near infrared fluorescence probe and doxorubicin for pH-responsive and image-guided drug delivery. <i>Journal of Materials Chemistry</i> , 2012 , 22, 22290		26
138	Genetic variants in telomerase reverse transcriptase (TERT) and telomerase-associated protein 1 (TEP1) and the risk of male infertility. <i>Gene</i> , 2014 , 534, 139-43	3.8	25
137	Efficient Synthesis of Poly(acrylic acid) in Aqueous Solution via a RAFT Process. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2010 , 47, 445-451	2.2	25
136	Interpolymer complex polyampholytic hydrogel of chitosan and carboxymethyl cellulose (CMC): synthesis and ion effect. <i>Polymer International</i> , 2001 , 50, 1370-1374	3.3	25
135	One-pot degradation of cellulose into carbon dots and organic acids in its homogeneous aqueous solution. <i>Green Energy and Environment</i> , 2019 , 4, 391-399	5.7	25

134	Functional Polymer Nanocarriers for Photodynamic Therapy. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	25
133	Preparation of organic/inorganic nanocomposites with polyacrylamide (PAM) hydrogel by ^{60}Co γ irradiation. <i>Materials Research Bulletin</i> , 2000 , 35, 807-812	5.1	24
132	Near infrared fluorescence probe and galactose conjugated amphiphilic copolymer for bioimaging of HepG2 cells and endocytosis. <i>Polymer Chemistry</i> , 2013 , 4, 4442	4.9	23
131	Disulfide Cross-Linked Polypeptide Nanogel Conjugated with a Fluorescent Probe as a Potential Image-Guided Drug-Delivery Agent. <i>Macromolecular Chemistry and Physics</i> , 2013 , 214, 578-588	2.6	23
130	Adsorption of polymeric micelles and vesicles on a surface investigated by quartz crystal microbalance. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 21055-9	3.4	23
129	An amphiphilic block copolymer conjugated with carborane and a NIR fluorescent probe for potential imaging-guided BNCT therapy. <i>Polymer Chemistry</i> , 2016 , 7, 4411-4418	4.9	22
128	Solvent-free Synthesis of Cellulose Acetate by Solid Superacid Catalysis. <i>Journal of Polymer Research</i> , 2007 , 13, 375-378	2.7	22
127	A high-voltage quasi-solid-state flexible supercapacitor with a wide operational temperature range based on a low-cost "water-in-salt" hydrogel electrolyte. <i>Nanoscale</i> , 2021 , 13, 3010-3018	7.7	22
126	Metal-free transparent luminescent cellulose films. <i>Cellulose</i> , 2015 , 22, 729-736	5.5	21
125	Novel ultrasmall multifunctional nanodots for dual-modal MR/NIR-II imaging-guided photothermal therapy. <i>Biomaterials</i> , 2020 , 256, 120219	15.6	21
124	Ultra-pH-sensitive polypeptide micelles with large fluorescence off/on ratio in near infrared range. <i>Polymer Chemistry</i> , 2017 , 8, 1028-1038	4.9	20
123	Hydrogenated Graphene as Metal-free Catalyst for Fenton-like Reaction. <i>Chinese Journal of Chemical Physics</i> , 2012 , 25, 335-338	0.9	19
122	High Singlet Oxygen Yield Photosensitizer Based Polypeptide Nanoparticles for Low-Power Near-Infrared Light Imaging-Guided Photodynamic Therapy. <i>Bioconjugate Chemistry</i> , 2018 , 29, 3441-3451	6.3	19
121	A facile one-pot strategy for preparation of small polymer nanoparticles by self-crosslinking of amphiphilic block copolymers containing acyl azide groups in aqueous media. <i>Soft Matter</i> , 2011 , 7, 3956	3.6	18
120	Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. <i>Nano Research</i> , 2018 , 11, 5716-5734	10	18
119	Synthesis and self-assembly study of two-armed polymers containing crown ether core. <i>Polymer</i> , 2002 , 43, 3131-3137	3.9	17
118	Preparation of poly(methyl methacrylate-co-maleic anhydride)/SiO ₂ ?TiO ₂ hybrid materials and their thermo- and photodegradation behaviors. <i>Journal of Applied Polymer Science</i> , 2005 , 97, 1714-1724	2.9	17
117	Three-dimensional reduced graphene oxide architecture embedded palladium nanoparticles as highly active catalyst for the SuzukiMiyaura coupling reaction. <i>Materials Chemistry and Physics</i> , 2014 , 148, 103-109	4.4	16

116	Polymorphisms in double-strand breaks repair genes are associated with impaired fertility in Chinese population. <i>Reproduction</i> , 2013 , 145, 463-70	3.8	16
115	Bayberry tannin directed assembly of a bifunctional graphene aerogel for simultaneous solar steam generation and marine uranium extraction. <i>Nanoscale</i> , 2021 , 13, 5419-5428	7.7	16
114	Surfactant-free synthesis of amphiphilic copolymer of poly(styrene-co-acrylamide) in aqueous emulsion with the assistance of ultrasound. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 221-228	3.2	15
113	Surface modification of polystyrene with atomic oxygen radical anions-dissolved solution. <i>Applied Surface Science</i> , 2008 , 254, 4191-4200	6.7	15
112	Lower critical solution temperature of linear PNIPA obtained from a Yukawa potential of polymer chains. <i>Journal of Applied Polymer Science</i> , 2000 , 78, 1971-1976	2.9	15
111	Self-Healing Organic Fluorophore of Cyanine-Conjugated Amphiphilic Polypeptide for Near-Infrared Photostable Bioimaging. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14517-14530	9.5	14
110	CFD modeling of a fluidized bed sewage sludge gasifier for syngas. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2008 , 3, 161-170	1.3	14
109	Thermal Denaturation of Plasmid DNA Observed by Atomic Force Microscopy. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, 7556-7559	1.4	14
108	Ternary PtFeCo alloys on graphene with high electrocatalytic activities for methanol oxidation. <i>Nanoscale</i> , 2020 , 12, 9824-9832	7.7	14
107	Fast Disassembly of Lignocellulosic Biomass to Lignin and Sugars by Molten Salt Hydrate at Low Temperature for Overall Biorefinery. <i>ACS Omega</i> , 2018 , 3, 2984-2993	3.9	13
106	Oxygen Self-Sufficient Amphiphilic Polypeptide Nanoparticles Encapsulating BODIPY for Potential Near Infrared Imaging-guided Photodynamic Therapy at Low Energy. <i>Nanotheranostics</i> , 2018 , 2, 59-69	5.6	13
105	Homogeneously Synchronous Degradation of Chitin into Carbon Dots and Organic Acids in Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 18476-18482	8.3	13
104	Synthesis and Optical Properties of Novel Nickel Disulfide Dendritic Nanostructures. <i>Chemistry Letters</i> , 2004 , 33, 830-831	1.7	13
103	Sharp pH-responsive mannose prodrug polypeptide nanoparticles encapsulating a photosensitizer for enhanced near infrared imaging-guided photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 6770-6777	7.3	13
102	pHe- and glutathione-stepwise-responsive polypeptide nanogel for smart and efficient drug delivery. <i>Journal of Materials Science</i> , 2018 , 53, 14933-14943	4.3	12
101	Fractal aggregation of DNA after thermal denaturation. <i>Chaos, Solitons and Fractals</i> , 2004 , 20, 877-881	9.3	12
100	Catalytic oxidation of lignin to dicarboxylic acid over the CuFeS ₂ nanoparticle catalyst. <i>Green Processing and Synthesis</i> , 2018 , 7, 306-315	3.9	11
99	Emulsifier-free synthesis and self-assembly of an amphiphilic poly(styrene-co-acrylic acid) copolymer. <i>Journal of Applied Polymer Science</i> , 2006 , 100, 3718-3726	2.9	11

98	Emulsifier-free ultrasonic emulsion copolymerization of styrene with acrylic acid in water. <i>Green Chemistry</i> , 2004 , 6, 99	10	11
97	Alignment behaviour of liquid crystals on ethyl cellulose films with banded-texture structure. <i>Polymer International</i> , 2003 , 52, 265-268	3.3	11
96	Folic acid targeted pH-responsive amphiphilic polymer nanoparticles conjugated with near infrared fluorescence probe for imaging-guided drug delivery. <i>RSC Advances</i> , 2016 , 6, 40312-40322	3.7	11
95	Na ₂ MoO ₄ as both etcher for three-dimensional holey graphene hydrogel and pseudo-capacitive feedstock for asymmetric supercapacitors. <i>Journal of Alloys and Compounds</i> , 2019 , 780, 55-64	5.7	11
94	In Situ Formation of "Dimethyl Sulfoxide/Water-in-Salt"-Based Chitosan Hydrogel Electrolyte for Advanced All-Solid-State Supercapacitors. <i>ChemSusChem</i> , 2021 , 14, 632-641	8.3	11
93	Multi-dimensional Pt/Ni(OH) ₂ /nitrogen-doped graphene nanocomposites with low platinum content for methanol oxidation reaction with highly catalytic performance. <i>Chemical Engineering Journal</i> , 2021 , 421, 127786	14.7	11
92	Investigation of the in vivo integrity of polymeric micelles via large Stokes shift fluorophore-based FRET. <i>Journal of Controlled Release</i> , 2020 , 324, 47-54	11.7	10
91	pH-Sensitive Polypeptide Conjugated with Carborane Clusters and Cyanine for NIR Bioimaging and Multi-Therapies. <i>Macromolecular Research</i> , 2018 , 26, 270-277	1.9	10
90	Reduction-sensitive polypeptide nanogel conjugated BODIPY-Br for NIR imaging-guided chem/photodynamic therapy at low light and drug dose. <i>Materials Science and Engineering C</i> , 2018 , 92, 745-756	8.3	10
89	pH-responsive amphiphilic block copolymer prodrug conjugated near infrared fluorescence probe. <i>RSC Advances</i> , 2014 , 4, 28186	3.7	10
88	Genetic variants in nitric oxide synthase genes and the risk of male infertility in a Chinese population: a case-control study. <i>PLoS ONE</i> , 2014 , 9, e115190	3.7	10
87	Preparation of cationic waste paper and its application in poisonous dye removal. <i>Water Science and Technology</i> , 2013 , 67, 2560-7	2.2	10
86	AN ELEMENTAL AND LEAD-ISOTOPIC STUDY ON BRONZE HELMETS FROM ROYAL TOMB NO. 1004 IN YIN RUINS. <i>Archaeometry</i> , 2010 , 52, 1002	1.6	10
85	Thermogelling of highly branched poly(N-isopropylacrylamide). <i>Journal of Applied Polymer Science</i> , 2010 , 118, 3391-3399	2.9	10
84	Ethyl cellulose films as alignment layers for liquid crystals. <i>Journal of Applied Polymer Science</i> , 2001 , 82, 2770-2774	2.9	10
83	Organic fluorescent nanoparticles with NIR-II emission for bioimaging and therapy. <i>Biomedical Materials (Bristol)</i> , 2021 , 16, 022001	3.5	10
82	pH-Triggered Disaggregation-Induced Emission (DIE) probe for sensing minor-pH changes in near infrared fluorescence region. <i>Talanta</i> , 2017 , 170, 185-192	6.2	9
81	Polypeptide-based artificial erythrocytes conjugated with near infrared photosensitizers for imaging-guided photodynamic therapy. <i>Journal of Materials Science</i> , 2018 , 53, 9368-9381	4.3	9

80	pH-Responsive dye with dual-state emission in both visible and near infrared regions. <i>Science China Chemistry</i> , 2018 , 61, 863-870	7.9	9
79	8-Oxoguanine DNA glycosylase 1 (ogg1) maintains the function of cardiac progenitor cells during heart formation in zebrafish. <i>Experimental Cell Research</i> , 2013 , 319, 2954-63	4.2	9
78	Redox-responsive prodrug-like PEGylated macrophotosensitizer nanoparticles for enhanced near-infrared imaging-guided photodynamic therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019 , 135, 25-35	5.7	9
77	Glutathione Triggered Near Infrared Fluorescence Imaging-Guided Chemotherapy by Cyanine Conjugated Polypeptide. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 4208-4218	5.5	9
76	Carborane and cyanine conjugated galactose targeted amphiphilic copolymers for potential near infrared imaging-guided boron neutron capture therapy (BNCT). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018 , 67, 720-726	3	8
75	Isolation of highly purity cellulose from wheat straw using a modified aqueous biphasic system. <i>Frontiers of Chemical Science and Engineering</i> , 2012 , 6, 282-291	4.5	8
74	Prediction and phase segregation in thin-film of conjugated polymer blends. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2005 , 43, 1382-1391	2.6	8
73	Sharp pH-sensitive amphiphilic polypeptide macrophotosensitizer for near infrared imaging-guided photodynamic therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 15, 198-207	6	8
72	Lignin promoted the fast formation of a robust and highly conductive deep eutectic solvent ionic gel at room temperature for a flexible quasi-solid-state supercapacitor and strain sensors. <i>Green Chemistry</i> , 2021 , 23, 5120-5128	10	8
71	Tetraphenylporphine-Modified Polymeric Nanoparticles Containing NIR Photosensitizer for Mitochondria-Targeting and Imaging-Guided Photodynamic Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2020 , 6, 1043-1051	5.5	7
70	Power-output reduction of graphene oxide and a MnO ₂ -free Zn/GO primary cell. <i>RSC Advances</i> , 2014 , 4, 42418-42423	3.7	7
69	CFD based combustion model for sewage sludge gasification in a fluidized bed. <i>Frontiers of Chemical Engineering in China</i> , 2009 , 3, 138-145		7
68	NIR-II Fluorescence Imaging-Guided Photothermal Therapy with Amphiphilic Polypeptide Nanoparticles Encapsulating Organic NIR-II Dye.. <i>ACS Applied Bio Materials</i> , 2020 , 3, 8953-8961	4.1	7
67	Efficient Degradation of Cellulose in Its Homogeneously Aqueous Solution over 3D Metal-Organic Framework/Graphene Hydrogel Catalyst. <i>Chinese Journal of Chemical Physics</i> , 2016 , 29, 742-748	0.9	7
66	Ultra-Stretchable, Self-Healing, Conductive, and Transparent PAA/DES Ionic Gel. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000445	4.8	7
65	3D macro-micro-mesoporous FeC ₂ O ₄ /graphene hydrogel electrode for high-performance 2.5 V aqueous asymmetric supercapacitors. <i>Chinese Journal of Chemical Physics</i> , 2018 , 31, 707-716	0.9	7
64	Electrochemical exfoliation for few-layer graphene in molybdate aqueous solution and its application for fast electrothermal film. <i>Progress in Natural Science: Materials International</i> , 2020 , 30, 312-320	3.6	6
63	Fabrication of a model cellulose surface from straw with an aqueous sodium hydroxide/thiourea solution. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 1330-1335	2.9	6

62	Dipolar chains and 2D aligned stripes of polymer-coated magnetic iron colloid. <i>Journal of Applied Polymer Science</i> , 2006 , 101, 4211-4215	2.9	6
61	Nanofiber formation of hydroxypropylcellulose (HPC). <i>Macromolecular Bioscience</i> , 2006 , 6, 532-9	5.5	6
60	Direct observation of the main cell wall components of straw by atomic force microscopy. <i>Journal of Applied Polymer Science</i> , 2003 , 88, 2055-2059	2.9	6
59	S4-Containing hyperbranched polymer modified graphene oxide as strong linker for both rubber and carbon black to enhance the crosslinking and mechanical properties of nitrile butadiene rubber. <i>Chemical Engineering Journal</i> , 2021 , 417, 129336	14.7	6
58	An anti-aggregation NIR-II heptamethine-cyanine dye with a stereo-specific cyanine for imaging-guided photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 2688-2696	7.3	6
57	Photocatalysis degradation of Azo dye using nanoTiO ₂ -coated porous cellulose gel: enhancement by adsorption and its self-clean characteristic. <i>Micro and Nano Letters</i> , 2014 , 9, 193-197	0.9	5
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12	Spinodal dewetting A simple method to prepare conjugated polymer array. <i>Journal of Applied Polymer Science</i> , 2005 , 98, 1412-1417	2.9	1
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9	Mercaptopropyl-doped ultra-small silica modified GO nanosheets to enhance mechanical properties of nitrile butadiene rubber. <i>Polymer</i> , 2022 , 124627	3.9	0

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| 8 | Double pH-sensitive nanotheranostics of polypeptide nanoparticle encapsulated BODIPY with both NIR activated fluorescence and enhanced photodynamic therapy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 8871-8881 | 7.3 | ○ |
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