

Lifeng Yan

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.

205
papers

8,298
citations

42
h-index

86
g-index

224
ext. papers

9,380
ext. citations

5.8
avg. IF

6.65
L-index

#	Paper	IF	Citations
205	Applications of deep eutectic solvents in the extraction, dissolution, and functional materials of chitin: research progress and prospects. <i>Green Chemistry</i> , 2022 , 24, 552-564	10	5
204	Mercaptopropyl-doped ultra-small silica modified GO nanosheets to enhance mechanical properties of nitrile butadiene rubber. <i>Polymer</i> , 2022 , 124627	3.9	0
203	Ultrahigh Conductive and Stretchable Eutectogel Electrolyte for High-Voltage Flexible Antifreeze Quasi-solid-state Zinc-Ion Hybrid Supercapacitor. <i>ACS Applied Energy Materials</i> , 2022 , 5, 3013-3021	6.1	3
202	Freeze-Resistant, Conductive, and Robust Eutectogels of Metal Salt-Based Deep Eutectic Solvents with Poly(vinyl alcohol). <i>ACS Applied Polymer Materials</i> , 2022 , 4, 2057-2064	4.3	2
201	Solid-Liquid-Vapor Triphase Gel. <i>Langmuir</i> , 2021 , 37, 13501-13511	4	2
200	A Highly Conductive, Self-Recoverable, and Strong Eutectogel of a Deep Eutectic Solvent with Polymer Crystalline Domain Regulation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 54409-54416	9.5	3
199	Galactose conjugated boron dipyrromethene and hydrogen bonding promoted J-aggregates for efficiently targeted NIR-II fluorescence assistant photothermal therapy.. <i>Journal of Colloid and Interface Science</i> , 2021 , 612, 287-297	9.3	1
198	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	0
197	Efficient preparation of high-quality graphene via anodic and cathodic simultaneous electrochemical exfoliation under the assistance of microwave. <i>Journal of Colloid and Interface Science</i> , 2021 , 608, 1422-1431	9.3	0
196	Antiquenching Macromolecular NIR-II Probes with High-Contrast Brightness for Imaging-Guided Photothermal Therapy under 1064 nm Irradiation. <i>Advanced Healthcare Materials</i> , 2021 , e2101697	10.1	5
195	Multifunctional Nanotheranostic Agent for NIR-II Imaging-Guided Synergetic Photothermal/Photodynamic Therapy. <i>Advanced Therapeutics</i> , 2021 , 4, 2000240	4.9	2
194	Preparation and Characterization of a Novel Vinyl Polysiloxane Getter for Hydrogen Elimination. <i>Materials</i> , 2021 , 14,	3.5	2
193	Self-assembled monolayers modified and further silanized graphene nanosheets reinforced silicone rubber with highly mechanical performance. <i>Composites Communications</i> , 2021 , 24, 100666	6.7	0
192	Silica Aerogels with Self-Reinforced Microstructure for Bioinspired Hydrogels. <i>Langmuir</i> , 2021 , 37, 5923-5931	4.931	3
191	Deep eutectic solvents eutectogels: progress and challenges. <i>Green Chemical Engineering</i> , 2021 , 2, 359-359	5	5
190	Photoassisted Reduction Synthesis of /Graphene Catalysts with Excellent Activities toward Methanol Oxidation. <i>Energy & Fuels</i> , 2021 , 35, 12516-12526	4.1	1
189	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

188	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
187	Ultra-Stretchable, Self-Healing, Conductive, and Transparent PAA/DES Ionic Gel. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2000445	4.8	7
186	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
185	Gravity-Driven Separation of Oil/Water Mixture by Porous Ceramic Membranes with Desired Surface Wettability. <i>Materials</i> , 2021 , 14,	3.5	4
184	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
183	Organic fluorescent nanoparticles with NIR-II emission for bioimaging and therapy. <i>Biomedical Materials (Bristol)</i> , 2021 , 16, 022001	3.5	10
182	Oxidation of furfural to maleic acid and fumaric acid in deep eutectic solvent (DES) under vanadium pentoxide catalysis. <i>Journal of Bioresources and Bioproducts</i> , 2021 , 6, 39-44	18.7	5
181	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
180	Synthesis of Highly Ion-Conductive Lignin Eutectogels in a Ternary Deep Eutectic Solvent and Nitrogen-Doped 3D Hierarchical Porous Carbons for Supercapacitors. <i>Biomacromolecules</i> , 2021 , 22, 4181-4190	6.9	3
179	Synergistic catalysis of PtM alloys and nickel hydroxide on highly enhanced electrocatalytic activity and durability for methanol oxidation reaction. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 625, 126942	5.1	0
178	Amino modified iodinated BODIPY photosensitizer for highly efficient NIR imaging-guided photodynamic therapy with ultralow dose. <i>Dyes and Pigments</i> , 2021 , 194, 109611	4.6	5
177	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
176	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
175	Calcium-Doped Boron Nitride Aerogel Enables Infrared Stealth at High Temperature Up to 1300°C. <i>Nano-Micro Letters</i> , 2021 , 14, 18	19.5	0
174	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
173	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
172	Novel ultrasmall multifunctional nanodots for dual-modal MR/NIR-II imaging-guided photothermal therapy. <i>Biomaterials</i> , 2020 , 256, 120219	15.6	21
171	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

170	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
169	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
168	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
167	Ternary PtFeCo alloys on graphene with high electrocatalytic activities for methanol oxidation. <i>Nanoscale</i> , 2020 , 12, 9824-9832	7.7	14
166	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
165	Cobalt-Porphyrin Modified Three-Dimensional Graphene Hydrogel Electrode for High Performance Asymmetric Supercapacitors. <i>Nano</i> , 2019 , 14, 1950062	1.1	3
164	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
163	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
162	The solvent-free mechanochemical synthesis of mildly oxidized graphene oxide and its application as a novel conductive surfactant. <i>New Journal of Chemistry</i> , 2019 , 43, 7057-7064	3.6	3
161	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
160	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
159	Polypeptide-Conjugated Second Near-Infrared Organic Fluorophore for Image-Guided Photothermal Therapy. <i>ACS Nano</i> , 2019 , 13, 3691-3702	16.7	112
158	MnCo2S4 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
157	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
156	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
155	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
154	Na2MoO4 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
153	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

152	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
151	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
150	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
149	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
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	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
146	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
145	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
144	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
143	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
142	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
141	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
140	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
139	Asymmetric Supercapacitors Assembled by Dual Spinel [email[protected]] Nanocomposites as Electrodes. <i>ACS Applied Energy Materials</i> , 2018 , 1, 3206-3215	6.1	29
138	Acidity-triggered TAT-presenting nanocarriers augment tumor retention and nuclear translocation of drugs. <i>Nano Research</i> , 2018 , 11, 5716-5734	10	18
137	Sharp-pH-Sensitive Amphiphilic Polypeptide Micelles with Adjustable Triggered pHs by Salts via the Hofmeister Effect. <i>Macromolecular Chemistry and Physics</i> , 2018 , 219, 1700427	2.6	3
136	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
135	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

134	Functional Polymer Nanocarriers for Photodynamic Therapy. <i>Pharmaceuticals</i> , 2018 , 11,	5.2	25
133	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
132	Imaging-Guided pHe and Glutathione Dual Responsive Polypeptide Nanogel for Smart Drug Delivery. <i>Macromolecular Materials and Engineering</i> , 2018 , 303, 1800060	3.9	5
131	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
130	Two-step hydrogen transfer catalysis conversion of lignin to valuable small molecular compounds. <i>Green Processing and Synthesis</i> , 2017 , 6,	3.9	3
129	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
128	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
127	Intelligent Fluorescence Probe with Turn-on Properties By a Bee-Saw Balance of Visible and Near-infrared Fluorescence. <i>ChemPhotoChem</i> , 2017 , 1, 568-574	3.3	1
126	[a]-Phenanthrene-Fused BF Azadipyrrromethene (AzaBODIPY) Dyes as Bright Near-Infrared Fluorophores. <i>Journal of Organic Chemistry</i> , 2017 , 82, 10341-10349	4.2	30
125	Assembling hollow carbon sphere-graphene polyolithic aerogels for thermoelectric cells. <i>Nano Energy</i> , 2017 , 39, 470-477	17.1	54
124	Homogeneous Degradation of Cellulose in Its Aqueous Solution at Mild Temperature under Atmospheric Pressure. <i>Chinese Journal of Chemical Physics</i> , 2017 , 30, 207-210	0.9	5
123	Electrochemical Preparation of Polypyrrole/Graphene Films on Titanium Mesh as Active Materials for Supercapacitors. <i>Chinese Journal of Chemical Physics</i> , 2017 , 30, 112-116	0.9	4
122	Electrochemical reduction of bulk graphene oxide materials. <i>RSC Advances</i> , 2016 , 6, 80106-80113	3.7	29
121	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
120	A reduction-responsive polypeptide nanogel encapsulating NIR photosensitizer for imaging guided photodynamic therapy. <i>Polymer Chemistry</i> , 2016 , 7, 951-957	4.9	52
119	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
118	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
117	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

116	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
115	Metal-free transparent luminescent cellulose films. <i>Cellulose</i> , 2015 , 22, 729-736	5.5	21
114	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
113	Altered profile of gut microbiota after subchronic exposure to neochamaejasmin A in rats. <i>Environmental Toxicology and Pharmacology</i> , 2015 , 39, 927-33	5.8	4
112	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
111	Luminescence study of the initial, pre-casting firing temperatures of clay mould and core used for bronze casting at Yinxu (13c. BC~11c. BC). <i>Quaternary Geochronology</i> , 2015 , 30, 374-380	2.7	2
110	Galactose and near infrared fluorescence probe conjugated pH-responsive copolymer for imaging of drug delivery. <i>Journal of Controlled Release</i> , 2015 , 213, e72-3	11.7	1
109	Synthesis of Pb(OH)2/rGO Catalyst for Conversion of Sugar to Lactic Acid in Water. <i>Chinese Journal of Chemical Physics</i> , 2015 , 28, 533-538	0.9	1
108	Conversion of Glucose to Valuable Platform Chemicals over Graphene Solid Acid Catalyst. <i>Chinese Journal of Chemical Physics</i> , 2015 , 28, 230-234	0.9	1
107	Reduced graphene oxide hydrogel film with a continuous ion transport network for supercapacitors. <i>Nanoscale</i> , 2015 , 7, 3712-8	7.7	37
106	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
105	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
104	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
103	Power-output reduction of graphene oxide and a MnO2-free Zn/GO primary cell. <i>RSC Advances</i> , 2014 , 4, 42418-42423	3.7	7
102	pH-responsive amphiphilic block copolymer prodrug conjugated near infrared fluorescence probe. <i>RSC Advances</i> , 2014 , 4, 28186	3.7	10
101	Photocatalysis degradation of Azo dye using nanoTiO2-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
100	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
99	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

98	Three-dimensional reduced graphene oxide architecture embedded palladium nanoparticles as highly active catalyst for the Suzuki-Miyaura coupling reaction. <i>Materials Chemistry and Physics</i> , 2014 , 148, 103-109	4.4	16
97	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
96	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
95	Conversion of Pretreated Biomass into Levulinic Acid via Continuous Extraction at Atmosphere Pressure. <i>Chinese Journal of Chemical Physics</i> , 2014 , 27, 92-98	0.9	5
94	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
93	An inorganic-organic double network hydrogel of graphene and polymer. <i>Nanoscale</i> , 2013 , 5, 6034-9	7.7	66
92	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
91	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
90	Directional synthesis of ethylbenzene through catalytic transformation of lignin. <i>Bioresource Technology</i> , 2013 , 143, 59-67	11	31
89	Preparation of Near-Infrared PEGylated Polypeptide for Potential Visible Drug Delivery. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2013 , 50, 90-98	2.2	2
88	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
87	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
86	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
85	Preparation of 5-Hydroxymethylfurfural from Cellulose via Fast Depolymerization and Consecutively Catalytic Conversion. <i>Chinese Journal of Chemical Physics</i> , 2013 , 26, 355-360	0.9	3
84	Amino-grafted graphene as a stable and metal-free solid basic catalyst. <i>Journal of Materials Chemistry</i> , 2012 , 22, 7456		78
83	Luminescence determination of firing temperature of archaeological pure sand related to ancient Dian bronze casting, China. <i>Quaternary Geochronology</i> , 2012 , 10, 387-393	2.7	2
82	Centimeter-sized dried foam films of graphene: preparation, mechanical and electronic properties. <i>Advanced Materials</i> , 2012 , 24, 6229-33	24	35
81	Hydrogenated Graphene as Metal-free Catalyst for Fenton-like Reaction. <i>Chinese Journal of Chemical Physics</i> , 2012 , 25, 335-338	0.9	19

80	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
79	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
78	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
77	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
76	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
75	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
74	In situ self-assembly of mild chemical reduction graphene for three-dimensional architectures. <i>Nanoscale</i> , 2011 , 3, 3132-7	7.7	602
73	Influence of fungal pretreatment on thermogravimetric characteristics and fast pyrolysis vapors of corn stover. <i>Biofuels</i> , 2011 , 2, 557-567	2	4
72	Environmental vapor induced self-assembly of an amphiphilic block copolymer poly(styrene-b-acrylamide) onto the solid substrate. <i>Polymers for Advanced Technologies</i> , 2011 , 22, 2145-2150	3.3	33
71	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
70	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
69	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
68	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
67	Synthesis of biodegradable amphiphilic Y-shaped block co-polymers via ring-opening polymerization for drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2011 , 22, 1197-213	3.5	2
66	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
65	Preparation of graphene by a low-temperature thermal reduction at atmosphere pressure. <i>Nanoscale</i> , 2010 , 2, 559-63	7.7	292
64	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
63	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

62	Dramatically enhanced photoresponse of reduced graphene oxide with linker-free anchored CdSe nanoparticles. <i>ACS Nano</i> , 2010 , 4, 3033-8	16.7	243
61	Thermogelling of highly branched poly(N-isopropylacrylamide). <i>Journal of Applied Polymer Science</i> , 2010 , 118, 3391-3399	2.9	10
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