

Jing-Liang Li

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.

158 papers	5,040 citations	37 h-index	64 g-index
164 ext. papers	5,639 ext. citations	6.1 avg, IF	5.9 L-index

#	Paper	IF	Citations
158	A bioinspired 3D solar evaporator with balanced water supply and evaporation for highly efficient photothermal steam generation. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 2856-2866	13	6
157	Antimicrobial and Bioactive Silk Peptide Hybrid Hydrogel with a Heterogeneous Double Network Formed by Orthogonal Assembly. <i>ACS Biomaterials Science and Engineering</i> , 2021 ,	5.5	4
156	Bioactive hierarchical silk fibers created by bioinspired self-assembly. <i>Nature Communications</i> , 2021 , 12, 2375	17.4	8
155	Superwetttable Amidoximed Polyacrylonitrile-Based Nanofibrous Nonwovens for Rapid and Highly Efficient Separation of Oil/Water Emulsions. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 3093-3102	4.3	3
154	Donor-acceptor-donor modelled donor targets based on indoline and naphthalene diimide functionalities for efficient bulk-heterojunction devices. <i>Dyes and Pigments</i> , 2021 , 184, 108808	4.6	1
153	Fibrous-Structured Freestanding Electrodes for Oxygen Electrocatalysis. <i>Small</i> , 2021 , 17, e1903760	11	16
152	Tuning the Mechanical Properties of Silkworm Silk Fibres by Thermally Induced Modification of Crystalline Nanostructure. <i>Fibers and Polymers</i> , 2021 , 22, 373-381	2	0
151	Polyaniline-based adsorbents for aqueous pollutants removal: A review. <i>Chemical Engineering Journal</i> , 2021 , 418, 129425	14.7	23
150	Enhanced Photovoltaic Efficiency via Control of Self-Assembly in Cyanopyridone-Based Oligothiophene Donors. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 919-924	6.4	3
149	Progress in the Understanding and Applications of the Intrinsic Reactivity of Graphene-Based Materials. <i>Small Science</i> , 2021 , 1, 2000026		28
148	Palladium nanoparticle colored cotton fabric as a highly efficient catalyst for colorimetric sensing of H ₂ O ₂ . <i>Cellulose</i> , 2020 , 27, 7791-7803	5.5	5
147	The first connection of carbonyl-bridged triarylamine and diketopyrrolopyrrole functionalities to generate a three-dimensional, non-fullerene electron acceptor. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 2176-2183	7.8	5
146	Waste cotton fabric derived porous carbon containing Fe ₃ O ₄ /NiS nanoparticles for electrocatalytic oxygen evolution. <i>Journal of Materials Science and Technology</i> , 2020 , 59, 92-99	9.1	10
145	Structure-Interaction Relationship of Polymyxins with the Membrane of Human Kidney Proximal Tubular Cells. <i>ACS Infectious Diseases</i> , 2020 , 6, 2110-2119	5.5	6
144	Turning Cotton to Self-Supported Electrocatalytic Carbon Electrode for Highly Efficient Oxygen Reduction. <i>Electrocatalysis</i> , 2020 , 11, 317-328	2.7	3
143	The key structural features governing the free radicals and catalytic activity of graphite/graphene oxide. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 3112-3121	3.6	16
142	Bifunctional graphene oxide nanosheets for interfacially robust polymer actuators with instant solvent-induced self-folding. <i>Polymer</i> , 2020 , 186, 122037	3.9	3

141	Impact of self-assembly on the photovoltaic properties of a small molecule oligothiophene donor. <i>Solar Energy</i> , 2020 , 195, 223-229	6.8	6
140	Outer Membranes of Polymyxin-Resistant with Phosphoethanolamine-Modified Lipid A and Lipopolysaccharide Loss Display Different Atomic-Scale Interactions with Polymyxins. <i>ACS Infectious Diseases</i> , 2020 , 6, 2698-2708	5.5	11
139	Functionalization of spiro[fluorene-9,9'-xanthene] with diketopyrrolopyrrole to generate a promising, three-dimensional non-fullerene acceptor. <i>Materials Chemistry Frontiers</i> , 2020 , 4, 3209-3215	7.8	2
138	Molecular dynamics simulations informed by membrane lipidomics reveal the structure-interaction relationship of polymyxins with the lipid A-based outer membrane of <i>Acinetobacter baumannii</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020 , 75, 3534-3543	5.1	12
137	Infrared Polariscope Imaging of Linear Polymeric Patterns with a Focal Plane Array. <i>Nanomaterials</i> , 2019 , 9,	5.4	9
136	Kinetic investigation into pH-dependent color of anthocyanin and its sensing performance. <i>Dyes and Pigments</i> , 2019 , 170, 107643	4.6	35
135	Improvement of the optoelectronic and photovoltaic properties of a cyanopyrid-2,6-dione-based donor via molecular engineering. <i>Dyes and Pigments</i> , 2019 , 170, 107661	4.6	2
134	Multifunctional Glycerol-Water Hydrogel for Biomimetic Human Skin with Resistance Memory Function. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 21117-21125	9.5	58
133	Nanoscale optical and structural characterisation of silk. <i>Beilstein Journal of Nanotechnology</i> , 2019 , 10, 922-929	3	13
132	An efficient, three-dimensional non-fullerene electron acceptor: functionalizing tetraphenylethylene with naphthalene diimides. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1231-1237	7.8	14
131	Graphene oxide as antibacterial sensitizer: Mechanically disturbed cell membrane for enhanced poration efficiency of melittin. <i>Carbon</i> , 2019 , 149, 248-256	10.4	23
130	Designing Melittin-Graphene Hybrid Complexes for Enhanced Antibacterial Activity. <i>Advanced Healthcare Materials</i> , 2019 , 8, e1801521	10.1	23
129	Residue-Specialized Membrane Poration Kinetics of Melittin and Its Variants: Insight from Mechanistic Landscapes. <i>Communications in Theoretical Physics</i> , 2019 , 71, 887	2.4	11
128	A series of V-shaped small molecule non-fullerene electron acceptors for efficient bulk-heterojunction devices. <i>Dyes and Pigments</i> , 2019 , 171, 107677	4.6	12
127	Near-Field IR Orientational Spectroscopy of Silk. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 3991	2.6	6
126	Direct connection of an amine to oligothiophene to generate push-pull chromophores for organic photovoltaic applications. <i>Dyes and Pigments</i> , 2019 , 162, 315-323	4.6	3
125	An efficient non-fullerene acceptor based on central and peripheral naphthalene diimides. <i>Chemical Communications</i> , 2018 , 54, 5062-5065	5.8	21
124	Manipulating the fractal fiber network of a molecular gel with surfactants. <i>Journal of Colloid and Interface Science</i> , 2018 , 526, 356-365	9.3	6

123	Generating a three-dimensional non-fullerene electron acceptor by combining inexpensive spiro[fluorene-9,9'-xanthene] and cyanopyridone functionalities. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 1090-1096	7.8	18
122	A Biomimetic Supramolecular Approach for Charge Transfer between Donor and Acceptor Chromophores with Aggregation-Induced Emission. <i>Chemistry - A European Journal</i> , 2018 , 24, 14668-14678	4.8	12
121	Surface nanogrooving of carbon microtubes. <i>Scientific Reports</i> , 2018 , 8, 9924	4.9	4
120	Photoluminescence modulation of silicon nanoparticles via highly ordered arrangement with phospholipid membranes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 656-662	6	1
119	Enhancing the thermal and mechanical properties of polyvinyl alcohol (PVA) with boron nitride nanosheets and cellulose nanocrystals. <i>Polymer</i> , 2018 , 148, 101-108	3.9	29
118	An electroactive polymer composite with reinforced bending strength, based on tubular micro carbonized-cellulose. <i>Chemical Engineering Journal</i> , 2018 , 334, 1775-1780	14.7	6
117	Green preparation of gold nanoparticles with Tremella fuciformis for surface enhanced Raman scattering sensing. <i>Applied Surface Science</i> , 2018 , 427, 210-218	6.7	7
116	Simple multi-wavelength imaging of birefringence: case study of silk. <i>Scientific Reports</i> , 2018 , 8, 17652	4.9	16
115	Functionalization of Silk with In-Situ Synthesized Platinum Nanoparticles. <i>Materials</i> , 2018 , 11,	3.5	13
114	Molecular details on the intermediate states of melittin action on a cell membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018 , 1860, 2234-2241	3.8	25
113	Creating Biomimetic Anisotropic Architectures with Co-Aligned Nanofibers and Macrochannels by Manipulating Ice Crystallization. <i>ACS Nano</i> , 2018 , 12, 5780-5790	16.7	40
112	Optimizing the free radical content of graphene oxide by controlling its reduction. <i>Carbon</i> , 2017 , 116, 703-712	10.4	35
111	One-pot synthesis of silicon based nanoparticles with incorporated phthalocyanine for long-term bioimaging and photo-dynamic therapy of tumors. <i>Nanotechnology</i> , 2017 , 28, 135601	3.4	1
110	Small molecular non-fullerene acceptors based on naphthalenediimide and benzoisoquinoline-dione functionalities for efficient bulk-heterojunction devices. <i>Dyes and Pigments</i> , 2017 , 143, 1-9	4.6	16
109	Recognition of chiral zwitterionic interactions at nanoscale interfaces by chiropasmonic nanosensors. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 21401-21406	3.6	7
108	Non-fullerene acceptors based on central naphthalene diimide flanked by rhodanine or 1,3-indanedione. <i>Chemical Communications</i> , 2017 , 53, 7080-7083	5.8	30
107	An H-shaped, small molecular non-fullerene acceptor for efficient organic solar cells with an impressive open-circuit voltage of 1.17 V. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 1600-1606	7.8	28
106	Natural and highly protective composite structures [Wild silkworm cocoons. <i>Composites Communications</i> , 2017 , 4, 1-4	6.7	17

105	Manipulation of cellular orientation and migration by internalized magnetic particles. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 933-936	7.8	2
104	Wet-spinning of highly conductive nanocellulose-silver fibers. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9673-9679	7.1	20
103	Proton Transport in Hierarchical-Structured Nafion Membranes: A NMR Study. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3624-3629	6.4	10
102	Orientational Mapping Augmented Sub-Wavelength Hyper-Spectral Imaging of Silk. <i>Scientific Reports</i> , 2017 , 7, 7419	4.9	28
101	BN Nanosheet/Polymer Films with Highly Anisotropic Thermal Conductivity for Thermal Management Applications. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 43163-43170	9.5	145
100	A Silk Fibroin Bio-Transient Solution Processable Memristor. <i>Scientific Reports</i> , 2017 , 7, 14731	4.9	33
99	Nanoscale chemical mapping of laser-solubilized silk. <i>Materials Research Express</i> , 2017 , 4, 115028	1.7	14
98	Modulated enhancement in ion transport through carbon nanotubes by lipid decoration. <i>Carbon</i> , 2017 , 111, 459-466	10.4	5
97	Enhancing the efficiency of solution-processable bulk-heterojunction devices via a three-dimensional molecular architecture comprising triphenylamine and cyanopyridone. <i>Dyes and Pigments</i> , 2017 , 137, 126-134	4.6	9
96	Silk: Optical Properties over 12.6 Octaves THz-IR-Visible-UV Range. <i>Materials</i> , 2017 , 10,	3.5	23
95	Synergistic Coassembly of Two Structurally Different Molecular Gelators. <i>Langmuir</i> , 2016 , 32, 12175-12183	4.3	9
94	Insertion of a naphthalenediimide unit in a metal-free donor-acceptor organic sensitizer for efficiency enhancement of a dye-sensitized solar cell. <i>Dyes and Pigments</i> , 2016 , 134, 83-90	4.6	18
93	Modulated deformation of lipid membrane to vesicles and tubes due to reduction of graphene oxide substrate under laser irradiation. <i>Carbon</i> , 2016 , 98, 300-306	10.4	4
92	The textural properties and microstructure of konjac glucomannan - tungsten gels induced by DC electric fields. <i>Food Chemistry</i> , 2016 , 212, 256-63	8.5	17
91	Silk fibroin as a water-soluble bio-resist and its thermal properties. <i>RSC Advances</i> , 2016 , 6, 11863-11869	3.7	18
90	The effect of fibrous structural difference on thermal insulation properties of biological composites: Silkworm cocoons. <i>Textile Research Journal</i> , 2016 , 86, 1935-1946	1.7	6
89	Controlling the Supramolecular Architecture of Molecular Gels with Surfactants. <i>Langmuir</i> , 2016 , 32, 1171-7	4	8
88	Interactions between fibroin and sericin proteins from <i>Antheraea pernyi</i> and <i>Bombyx mori</i> silk fibers. <i>Journal of Colloid and Interface Science</i> , 2016 , 478, 316-23	9.3	23

87	Silk patterns made by direct femtosecond laser writing. <i>Biomicrofluidics</i> , 2016 , 10, 054101	3.2	18
86	Directional moisture transfer through a wild silkworm cocoon wall. <i>Biointerphases</i> , 2016 , 11, 021008	1.8	1
85	Surface enhanced Raman scattering (SERS) fabrics for trace analysis. <i>Applied Surface Science</i> , 2016 , 386, 296-302	6.7	37
84	A four-directional non-fullerene acceptor based on tetraphenylethylene and diketopyrrolopyrrole functionalities for efficient photovoltaic devices with a high open-circuit voltage of 1.18 V. <i>Chemical Communications</i> , 2016 , 52, 8522-5	5.8	59
83	Naphthalene diimide-based non-fullerene acceptors for simple, efficient, and solution-processable bulk-heterojunction devices. <i>RSC Advances</i> , 2016 , 6, 38703-38708	3.7	15
82	Distinct kinetics of molecular gelation in a confined space and its relation to the structure and property of thin gel films. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 8258-65	3.6	9
81	Self-assembly of monolayered lipid membranes for surface-coating of a nanoconfined Bombyx mori silk fibroin film. <i>RSC Advances</i> , 2015 , 5, 65684-65689	3.7	3
80	Reduced graphene oxide directed self-assembly of phospholipid monolayers in liquid and gel phases. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 1203-11	3.8	24
79	Interfacial heat transfer through a natural protective fibrous architecture: a wild silkworm cocoon wall. <i>Textile Reseach Journal</i> , 2015 , 85, 1035-1044	1.7	5
78	Microstructure and mechanical properties of silk from different components of the Antheraea pernyi cocoon. <i>Materials & Design</i> , 2015 , 65, 766-771		22
77	Functionalization of bamboo pulp fabrics with noble metal nanoparticles. <i>Dyes and Pigments</i> , 2015 , 113, 289-298	4.6	58
76	Sunlight-driven synthesis of anisotropic silver nanoparticles. <i>Chemical Engineering Journal</i> , 2015 , 260, 99-106	14.7	41
75	Functional Application of Noble Metal Nanoparticles In Situ Synthesized on Ramie Fibers. <i>Nanoscale Research Letters</i> , 2015 , 10, 366	5	25
74	Facile synthesis of silver submicrospheres and their applications. <i>RSC Advances</i> , 2015 , 5, 98293-98298	3.7	5
73	Surface energy of silk fibroin and mechanical properties of silk cocoon composites. <i>RSC Advances</i> , 2015 , 5, 1640-1647	3.7	14
72	Tunable dual-stimuli response of a microgel composite consisting of reduced graphene oxide nanoparticles and poly(N-isopropylacrylamide) hydrogel microspheres. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3791-3798	7.3	31
71	Electrosprayed PLGA smart containers for active anti-corrosion coating on magnesium alloy AMLite. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5738	13	50
70	Photoinduced reversible shape conversion of silver nanoparticles assisted by TiO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 21999-2007	3.6	8

69	Identify kinetic features of fibers growing, branching, and bundling in microstructure engineering of crystalline fiber network. <i>CrystEngComm</i> , 2014 , 16, 5402	3.3	14
68	Recyclable Textiles Functionalized with Reduced Graphene Oxide@ZnO for Removal of Oil Spills and Dye Pollutants. <i>Australian Journal of Chemistry</i> , 2014 , 67, 71	1.2	26
67	Lipid merging, protrusion and vesicle release triggered by shrinking/swelling of poly(N-isopropylacrylamide) microgel particles. <i>Applied Surface Science</i> , 2014 , 296, 95-99	6.7	11
66	Encapsulation of Hydrophobic Phthalocyanine with Poly(-isopropylacrylamide)/Lipid Composite Microspheres for Thermo-Responsive Release and Photodynamic Therapy. <i>Materials</i> , 2014 , 7, 3481-3493 ^{3,5}	3.5	9
65	Cocoon of the silkworm <i>Antheraea pernyi</i> as an example of a thermally insulating biological interface. <i>Biointerphases</i> , 2014 , 9, 031013	1.8	8
64	Green electrospun pantothenic acid/silk fibroin composite nanofibers: fabrication, characterization and biological activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 117, 14-20	6	37
63	Graphene oxide nanoparticles for enhanced photothermal cancer cell therapy under the irradiation of a femtosecond laser beam. <i>Journal of Biomedical Materials Research - Part A</i> , 2014 , 102, 2181-8	5.4	47
62	Controlled drug loading and release of a stimuli-responsive lipogel consisting of poly(N-isopropylacrylamide) particles and lipids. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 9677-82	3.4	28
61	Mechanical properties and structure of silkworm cocoons: a comparative study of <i>Bombyx mori</i> , <i>Antheraea assamensis</i> , <i>Antheraea pernyi</i> and <i>Antheraea mylitta</i> silkworm cocoons. <i>Materials Science and Engineering C</i> , 2013 , 33, 3206-13	8.3	57
60	A review of optical imaging and therapy using nanosized graphene and graphene oxide. <i>Biomaterials</i> , 2013 , 34, 9519-34	15.6	137
59	Design and fabrication of a new class of nano hybrid materials based on reactive polymeric molecular cages. <i>Langmuir</i> , 2013 , 29, 11498-505	4	24
58	Molecular Gels and their Fibrillar Networks 2013 , 1-75		1
57	Molecular Gels for Controlled Formation of Micro-/Nano-Structures 2013 , 163-181		2
56	Functionalization of Colored/Fluorescent Silkworm Silk Fibrous Materials 2013 , 209-231		
55	Molecular Gels for Tissue Engineering 2013 , 129-162		1
54	From kinetic-structure analysis to engineering crystalline fiber networks in soft materials. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3313-9	3.6	19
53	Design and engineering of silk fibroin scaffolds with biomimetic hierarchical structures. <i>Chemical Communications</i> , 2013 , 49, 1431-3	5.8	27
52	Control of crystallization in supramolecular soft materials engineering. <i>Soft Matter</i> , 2013 , 9, 435-442	3.6	17

51	Silkworm cocoon as natural material and structure for thermal insulation. <i>Materials & Design</i> , 2013 , 49, 842-849		66
50	Vesicle deposition and subsequent membrane-melittin interactions on different substrates: a QCM-D experiment. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013 , 1828, 1918-25	3.8	21
49	Tuning Radical Species in Graphene Oxide in Aqueous Solution by Photoirradiation. <i>Journal of Physical Chemistry C</i> , 2013 , 117, 6788-6793	3.8	50
48	Colorful and Antibacterial Silk Fiber from Anisotropic Silver Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 4556-4563	3.9	103
47	Influence of surface chemistry on particle internalization into giant unilamellar vesicles. <i>Langmuir</i> , 2013 , 29, 8039-45	4	18
46	Shape evolution of silver nanoplates through heating and photoinduction. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 646-53	9.5	89
45	Acceleration effect of reduced graphene oxide on photoinduced synthesis of silver nanoparticles. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 11106-12	3.6	10
44	Engineering of Small-Molecule Gels Based on the Thermodynamics and Kinetics of Fiber Formation 2013 , 77-113		1
43	2013 ,		19
42	Graphene oxide nanoparticles as a nonbleaching optical probe for two-photon luminescence imaging and cell therapy. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 1830-4	16.4	173
41	Size invariance of fibrous networks of supramolecular soft materials during formation under critical volume confinement. <i>Soft Matter</i> , 2012 , 8, 5187	3.6	17
40	Coloration of Cotton Fibers with Anisotropic Silver Nanoparticles. <i>Industrial & Engineering Chemistry Research</i> , 2012 , 51, 12807-12813	3.9	72
39	Graphene Oxide Nanoparticles as a Nonbleaching Optical Probe for Two-Photon Luminescence Imaging and Cell Therapy. <i>Angewandte Chemie</i> , 2012 , 124, 1866-1870	3.6	16
38	Critical behavior of confined supramolecular soft materials on a microscopic scale. <i>Chemical Communications</i> , 2011 , 47, 2793-5	5.8	16
37	Volume confinement induced microstructural transitions and property enhancements of supramolecular soft materials. <i>Soft Matter</i> , 2011 , 7, 1708-1713	3.6	16
36	Kinetically Controlled Homogenization and Transformation of Crystalline Fiber Networks in Supramolecular Materials. <i>Crystal Growth and Design</i> , 2011 , 11, 3227-3234	3.5	21
35	Controlling nanoparticle formation via sizable cages of supramolecular soft materials. <i>Langmuir</i> , 2011 , 27, 7820-7	4	17
34	Cancer-cell microsurgery using nonlinear optical endomicroscopy. <i>Journal of Biomedical Optics</i> , 2010 , 15, 050502	3.5	24

33	Microengineering of Supramolecular Soft Materials by Design of the Crystalline Fiber Networks. <i>Crystal Growth and Design</i> , 2010 , 10, 2699-2706	3.5	45
32	Enhanced photothermal therapy assisted with gold nanorods using a radially polarized beam. <i>Applied Physics Letters</i> , 2010 , 96, 063702	3.4	44
31	Design of a compact microfluidic device for controllable cell distribution. <i>Lab on A Chip</i> , 2010 , 10, 3054-7	7.2	5
30	Gold-Nanoparticle-Enhanced Cancer Photothermal Therapy. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2010 , 16, 989-996	3.8	63
29	Architecture of Supramolecular Soft Functional Materials: From Understanding to Micro-/Nanoscale Engineering. <i>Advanced Functional Materials</i> , 2010 , 20, 3196-3216	15.6	134
28	Architecture of Supramolecular Soft Functional Materials: From Understanding to Micro-/Nanoscale Engineering. <i>Advanced Functional Materials</i> , 2010 , 20, n/a-n/a	15.6	1
27	Self-emulsifying O/W Formulations of paclitaxel prepared from mixed nonionic surfactants. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 2320-32	3.9	27
26	Surface plasmonic gold nanorods for enhanced two-photon microscopic imaging and apoptosis induction of cancer cells. <i>Biomaterials</i> , 2010 , 31, 9492-8	15.6	93
25	Effect of nonionic surfactants on biodegradation of phenanthrene by a marine bacteria of <i>Neptunomonas naphthovorans</i> . <i>Journal of Hazardous Materials</i> , 2009 , 162, 66-73	12.8	44
24	Effects of additives on the cloud points of selected nonionic linear ethoxylated alcohol surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 346, 237-243	5.1	81
23	Spherulitic networks: from structure to rheological property. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 4549-54	3.4	20
22	Microengineering of soft functional materials by controlling the fiber network formation. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 15467-72	3.4	38
21	Engineering Molecular Self-Assembled Fibrillar Networks by Ultrasound. <i>Crystal Growth and Design</i> , 2009 , 9, 3286-3291	3.5	44
20	Nanoengineering of a biocompatible organogel by thermal processing. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5011-5	3.4	60
19	In vitro cancer cell imaging and therapy using transferrin-conjugated gold nanoparticles. <i>Cancer Letters</i> , 2009 , 274, 319-26	9.9	200
18	Surfactant-mediated Biodegradation of Polycyclic Aromatic Hydrocarbons. <i>Materials</i> , 2009 , 2, 76-94	3.5	97
17	Fabrication and biofunctionalization of selenium-polypyrrole core-shell nanoparticles for targeting and imaging of cancer cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 2488-91	1.3	8
16	Ultra-Low Energy Threshold for Cancer Photothermal Therapy Using Transferrin-Conjugated Gold Nanorods. <i>Advanced Materials</i> , 2008 , 20, 3866-3871	24	154

15	Recovering phenanthrene from spiked sand by a combined remediation process of micellar solubilization and cloud-point extraction. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2008 , 39, 337-342		8
14	Architecture of macromolecular network of soft functional materials: from structure to function. <i>Journal of Physical Chemistry B</i> , 2007 , 111, 5558-63	3-4	33
13	Engineering of Small Molecule Organogels by Design of the Nanometer Structure of Fiber Networks. <i>Advanced Materials</i> , 2006 , 18, 2574-2578	24	62
12	Understanding of hydrogel network formation and its application in the architecture of significantly enhanced hydrogel. <i>Applied Physics Letters</i> , 2006 , 89, 083106	3-4	9
11	Real-time observation of fiber network formation in molecular organogel: supersaturation-dependent microstructure and its related rheological property. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 7275-80	3-4	135
10	Architecture of fiber network: from understanding to engineering of molecular gels. <i>Journal of Physical Chemistry B</i> , 2006 , 110, 25797-802	3-4	78
9	Architecture and engineering of a supramolecular functional material by manipulating the nanostructure of fiber network. <i>Applied Physics Letters</i> , 2005 , 87, 113103	3-4	12
8	Solubilization of selected free fatty acids in palm oil by biodegradable ethoxylated surfactants. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 4476-83	5-7	11
7	Architecture of a biocompatible supramolecular material by supersaturation-driven fabrication of its fiber network. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 24231-5	3-4	66
6	Review of CO ₂ absorption using chemical solvents in hollow fiber membrane contactors. <i>Separation and Purification Technology</i> , 2005 , 41, 109-122	8,3	418
5	Effect of a commercial alcohol ethoxylate surfactant (C11-15E7) on biodegradation of phenanthrene in a saline water medium by <i>Neptunomonas naphthovorans</i> . <i>Biodegradation</i> , 2005 , 16, 57-65	4.1	20
4	Preconcentration of phenanthrene from aqueous solution by a slightly hydrophobic nonionic surfactant. <i>Langmuir</i> , 2004 , 20, 6068-70	4	22
3	Equilibrium partition of polycyclic aromatic hydrocarbons in a cloud-point extraction process. <i>Journal of Colloid and Interface Science</i> , 2003 , 263, 625-32	9-3	75
2	Solubilization of model polycyclic aromatic hydrocarbons by nonionic surfactants. <i>Chemical Engineering Science</i> , 2002 , 57, 2825-2835	4-4	108
1	A novel cloud-point extraction process for preconcentrating selected polycyclic aromatic hydrocarbons in aqueous solution. <i>Environmental Science & Technology</i> , 2001 , 35, 3936-40	10-3	78