Jing-Liang Li

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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	Review of CO2 absorption using chemical solvents in hollow fiber membrane contactors. *Separation and Purification Technology*, **2005**, 41, 109-122	8.3	418
157	In vitro cancer cell imaging and therapy using transferrin-conjugated gold nanoparticles. *Cancer Letters*, **2009**, 274, 319-26	9.9	200
156	Graphene oxide nanoparticles as a nonbleaching optical probe for two-photon luminescence imaging and cell therapy. *Angewandte Chemie - International Edition*, **2012**, 51, 1830-4	16.4	173
155	Ultra-Low Energy Threshold for Cancer Photothermal Therapy Using Transferrin-Conjugated Gold Nanorods. *Advanced Materials*, **2008**, 20, 3866-3871	24	154
154	BN Nanosheet/Polymer Films with Highly Anisotropic Thermal Conductivity for Thermal Management Applications. *ACS Applied Materials & Interfaces*, **2017**, 9, 43163-43170	9.5	145
153	A review of optical imaging and therapy using nanosized graphene and graphene oxide. *Biomaterials*, **2013**, 34, 9519-34	15.6	137
152	Real-time observation of fiber network formation in molecular organogel: supersaturation-dependent microstructure and its related rheological property. *Journal of Physical Chemistry B*, **2006**, 110, 7275-80	3.4	135
151	Architecture of Supramolecular Soft Functional Materials: From Understanding to Micro-/Nanoscale Engineering. *Advanced Functional Materials*, **2010**, 20, 3196-3216	15.6	134
150	Solubilization of model polycyclic aromatic hydrocarbons by nonionic surfactants. *Chemical Engineering Science*, **2002**, 57, 2825-2835	4.4	108
149	Colorful and Antibacterial Silk Fiber from Anisotropic Silver Nanoparticles. *Industrial & Engineering Chemistry Research*, **2013**, 52, 4556-4563	3.9	103
148	Surfactant-mediated Biodegradation of Polycyclic Aromatic Hydrocarbons. *Materials*, **2009**, 2, 76-94	3.5	97
147	Surface plasmonic gold nanorods for enhanced two-photon microscopic imaging and apoptosis induction of cancer cells. *Biomaterials*, **2010**, 31, 9492-8	15.6	93
146	Shape evolution of silver nanoplates through heating and photoinduction. *ACS Applied Materials & Interfaces*, **2013**, 5, 646-53	9.5	89
145	Effects of additives on the cloud points of selected nonionic linear ethoxylated alcohol surfactants. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2009**, 346, 237-243	5.1	81
144	Architecture of fiber network: from understanding to engineering of molecular gels. *Journal of Physical Chemistry B*, **2006**, 110, 25797-802	3.4	78
143	A novel cloud-point extraction process for preconcentrating selected polycyclic aromatic hydrocarbons in aqueous solution. *Environmental Science & Technology*, **2001**, 35, 3936-40	10.3	78
142	Equilibrium partition of polycyclic aromatic hydrocarbons in a cloud-point extraction process. *Journal of Colloid and Interface Science*, **2003**, 263, 625-32	9.3	75

141	Coloration of Cotton Fibers with Anisotropic Silver Nanoparticles. *Industrial & Engineering Chemistry Research*, **2012**, 51, 12807-12813	3.9	72
140	Silkworm cocoon as natural material and structure for thermal insulation. *Materials & Design*, **2013**, 49, 842-849		66
139	Architecture of a biocompatible supramolecular material by supersaturation-driven fabrication of its fiber network. *Journal of Physical Chemistry B*, **2005**, 109, 24231-5	3.4	66
138	Gold-Nanoparticle-Enhanced Cancer Photothermal Therapy. *IEEE Journal of Selected Topics in Quantum Electronics*, **2010**, 16, 989-996	3.8	63
137	Engineering of Small Molecule Organogels by Design of the Nanometer Structure of Fiber Networks. *Advanced Materials*, **2006**, 18, 2574-2578	24	62
136	Nanoengineering of a biocompatible organogel by thermal processing. *Journal of Physical Chemistry B*, **2009**, 113, 5011-5	3.4	60
135	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. *Chemical Communications*, **2016**, 52, 8522-5	5.8	59
134	Multifunctional Glycerol-Water Hydrogel for Biomimetic Human Skin with Resistance Memory Function. *ACS Applied Materials & Interfaces*, **2019**, 11, 21117-21125	9.5	58
133	Functionalization of bamboo pulp fabrics with noble metal nanoparticles. *Dyes and Pigments*, **2015**, 113, 289-298	4.6	58
132	Mechanical properties and structure of silkworm cocoons: a comparative study of Bombyx mori, Antheraea assamensis, Antheraea pernyi and Antheraea mylitta silkworm cocoons. *Materials Science and Engineering C*, **2013**, 33, 3206-13	8.3	57
131	Electrosprayed PLGA smart containers for active anti-corrosion coating on magnesium alloy AMlite. *Journal of Materials Chemistry A*, **2014**, 2, 5738	13	50
130	Tuning Radical Species in Graphene Oxide in Aqueous Solution by Photoirradiation. *Journal of Physical Chemistry C*, **2013**, 117, 6788-6793	3.8	50
129	Graphene oxide nanoparticles for enhanced photothermal cancer cell therapy under the irradiation of a femtosecond laser beam. *Journal of Biomedical Materials Research - Part A*, **2014**, 102, 2181-8	5.4	47
128	Microengineering of Supramolecular Soft Materials by Design of the Crystalline Fiber Networks. *Crystal Growth and Design*, **2010**, 10, 2699-2706	3.5	45
127	Enhanced photothermal therapy assisted with gold nanorods using a radially polarized beam. *Applied Physics Letters*, **2010**, 96, 063702	3.4	44
126	Effect of nonionic surfactants on biodegradation of phenanthrene by a marine bacteria of Neptunomonas naphthovorans. *Journal of Hazardous Materials*, **2009**, 162, 66-73	12.8	44
125	Engineering Molecular Self-Assembled Fibrillar Networks by Ultrasound. *Crystal Growth and Design*, **2009**, 9, 3286-3291	3.5	44
124	Sunlight-driven synthesis of anisotropic silver nanoparticles. *Chemical Engineering Journal*, **2015**, 260, 99-106	14.7	41

123	Creating Biomimetic Anisotropic Architectures with Co-Aligned Nanofibers and Macrochannels by Manipulating Ice Crystallization. *ACS Nano*, **2018**, 12, 5780-5790	16.7	40
122	Microengineering of soft functional materials by controlling the fiber network formation. *Journal of Physical Chemistry B*, **2009**, 113, 15467-72	3.4	38
121	Green electrospun pantothenic acid/silk fibroin composite nanofibers: fabrication, characterization and biological activity. *Colloids and Surfaces B: Biointerfaces*, **2014**, 117, 14-20	6	37
120	Surface enhanced Raman scattering (SERS) fabrics for trace analysis. *Applied Surface Science*, **2016**, 386, 296-302	6.7	37
119	Optimizing the free radical content of graphene oxide by controlling its reduction. *Carbon*, **2017**, 116, 703-712	10.4	35
118	Kinetic investigation into pH-dependent color of anthocyanin and its sensing performance. *Dyes and Pigments*, **2019**, 170, 107643	4.6	35
117	A Silk Fibroin Bio-Transient Solution Processable Memristor. *Scientific Reports*, **2017**, 7, 14731	4.9	33
116	Architecture of macromolecular network of soft functional materials: from structure to function. *Journal of Physical Chemistry B*, **2007**, 111, 5558-63	3.4	33
115	Tunable dual-stimuli response of a microgel composite consisting of reduced graphene oxide nanoparticles and poly(N-isopropylacrylamide) hydrogel microspheres. *Journal of Materials Chemistry B*, **2014**, 2, 3791-3798	7.3	31
114	Non-fullerene acceptors based on central naphthalene diimide flanked by rhodanine or 1,3-indanedione. *Chemical Communications*, **2017**, 53, 7080-7083	5.8	30
113	Enhancing the thermal and mechanical properties of polyvinyl alcohol (PVA) with boron nitride nanosheets and cellulose nanocrystals. *Polymer*, **2018**, 148, 101-108	3.9	29
112	An H-shaped, small molecular non-fullerene acceptor for efficient organic solar cells with an impressive open-circuit voltage of 1.17 V. *Materials Chemistry Frontiers*, **2017**, 1, 1600-1606	7.8	28
111	Controlled drug loading and release of a stimuli-responsive lipogel consisting of poly(N-isopropylacrylamide) particles and lipids. *Journal of Physical Chemistry B*, **2013**, 117, 9677-82	3.4	28
110	Orientational Mapping Augmented Sub-Wavelength Hyper-Spectral Imaging of Silk. *Scientific Reports*, **2017**, 7, 7419	4.9	28
109	Progress in the Understanding and Applications of the Intrinsic Reactivity of Graphene-Based Materials. *Small Science*, **2021**, 1, 2000026		28
108	Design and engineering of silk fibroin scaffolds with biomimetic hierarchical structures. *Chemical Communications*, **2013**, 49, 1431-3	5.8	27
107	Self-emulsifying O/W formulations of paclitaxel prepared from mixed nonionic surfactants. *Journal of Pharmaceutical Sciences*, **2010**, 99, 2320-32	3.9	27
106	Recyclable Textiles Functionalized with Reduced Graphene Oxide@ZnO for Removal of Oil Spills and Dye Pollutants. *Australian Journal of Chemistry*, **2014**, 67, 71	1.2	26

105	Functional Application of Noble Metal Nanoparticles In Situ Synthesized on Ramie Fibers. *Nanoscale Research Letters*, **2015**, 10, 366	5	25
104	Molecular details on the intermediate states of melittin action on a cell membrane. *Biochimica Et Biophysica Acta - Biomembranes*, **2018**, 1860, 2234-2241	3.8	25
103	Reduced graphene oxide directed self-assembly of phospholipid monolayers in liquid and gel phases. *Biochimica Et Biophysica Acta - Biomembranes*, **2015**, 1848, 1203-11	3.8	24
102	Design and fabrication of a new class of nano hybrid materials based on reactive polymeric molecular cages. *Langmuir*, **2013**, 29, 11498-505	4	24
101	Cancer-cell microsurgery using nonlinear optical endomicroscopy. *Journal of Biomedical Optics*, **2010**, 15, 050502	3.5	24
100	Graphene oxide as antibacterial sensitizer: Mechanically disturbed cell membrane for enhanced poration efficiency of melittin. *Carbon*, **2019**, 149, 248-256	10.4	23
99	Designing Melittin-Graphene Hybrid Complexes for Enhanced Antibacterial Activity. *Advanced Healthcare Materials*, **2019**, 8, e1801521	10.1	23
98	Silk: Optical Properties over 12.6 Octaves THz-IR-Visible-UV Range. *Materials*, **2017**, 10,	3.5	23
97	Interactions between fibroin and sericin proteins from Antheraea pernyi and Bombyx mori silk fibers. *Journal of Colloid and Interface Science*, **2016**, 478, 316-23	9.3	23
96	Polyaniline-based adsorbents for aqueous pollutants removal: A review. *Chemical Engineering Journal*, **2021**, 418, 129425	14.7	23
95	Microstructure and mechanical properties of silk from different components of the Antheraea pernyi cocoon. *Materials & Design*, **2015**, 65, 766-771		22
94	Preconcentration of phenanthrene from aqueous solution by a slightly hydrophobic nonionic surfactant. *Langmuir*, **2004**, 20, 6068-70	4	22
93	An efficient non-fullerene acceptor based on central and peripheral naphthalene diimides. *Chemical Communications*, **2018**, 54, 5062-5065	5.8	21
92	Vesicle deposition and subsequent membrane-melittin interactions on different substrates: a QCM-D experiment. *Biochimica Et Biophysica Acta - Biomembranes*, **2013**, 1828, 1918-25	3.8	21
91	Kinetically Controlled Homogenization and Transformation of Crystalline Fiber Networks in Supramolecular Materials. *Crystal Growth and Design*, **2011**, 11, 3227-3234	3.5	21
90	Wet-spinning of highly conductive nanocellulose–silver fibers. *Journal of Materials Chemistry C*, **2017**, 5, 9673-9679	7.1	20
89	Spherulitic networks: from structure to rheological property. *Journal of Physical Chemistry B*, **2009**, 113, 4549-54	3.4	20
88	Effect of a commercial alcohol ethoxylate surfactant (C11-15E7) on biodegradation of phenanthrene in a saline water medium by Neptunomonas naphthovorans. *Biodegradation*, **2005**, 16, 57-65	4.1	20

87	From kinetic-structure analysis to engineering crystalline fiber networks in soft materials. *Physical Chemistry Chemical Physics*, **2013**, 15, 3313-9	3.6	19
86	**2013**,		19
85	Generating a three-dimensional non-fullerene electron acceptor by combining inexpensive spiro[fluorene-9,9?-xanthene] and cyanopyridone functionalities. *Materials Chemistry Frontiers*, **2018**, 2, 1090-1096	7.8	18
84	Insertion of a naphthalenediimide unit in a metal-free donor–acceptor organic sensitizer for efficiency enhancement of a dye-sensitized solar cell. *Dyes and Pigments*, **2016**, 134, 83-90	4.6	18
83	Silk fibroin as a water-soluble bio-resist and its thermal properties. *RSC Advances*, **2016**, 6, 11863-11869	3.7	18
82	Influence of surface chemistry on particle internalization into giant unilamellar vesicles. *Langmuir*, **2013**, 29, 8039-45	4	18
81	Silk patterns made by direct femtosecond laser writing. *Biomicrofluidics*, **2016**, 10, 054101	3.2	18
80	Natural and highly protective composite structures – Wild silkworm cocoons. *Composites Communications*, **2017**, 4, 1-4	6.7	17
79	The textural properties and microstructure of konjac glucomannan - tungsten gels induced by DC electric fields. *Food Chemistry*, **2016**, 212, 256-63	8.5	17
78	Control of crystallization in supramolecular soft materials engineering. *Soft Matter*, **2013**, 9, 435-442	3.6	17
77	Size invariance of fibrous networks of supramolecular soft materials during formation under critical volume confinement. *Soft Matter*, **2012**, 8, 5187	3.6	17
76	Controlling nanoparticle formation via sizable cages of supramolecular soft materials. *Langmuir*, **2011**, 27, 7820-7	4	17
75	Small molecular non-fullerene acceptors based on naphthalenediimide and benzoisoquinoline-dione functionalities for efficient bulk-heterojunction devices. *Dyes and Pigments*, **2017**, 143, 1-9	4.6	16
74	Graphene Oxide Nanoparticles as a Nonbleaching Optical Probe for Two-Photon Luminescence Imaging and Cell Therapy. *Angewandte Chemie*, **2012**, 124, 1866-1870	3.6	16
73	Critical behavior of confined supramolecular soft materials on a microscopic scale. *Chemical Communications*, **2011**, 47, 2793-5	5.8	16
72	Volume confinement induced microstructural transitions and property enhancements of supramolecular soft materials. *Soft Matter*, **2011**, 7, 1708-1713	3.6	16
71	The key structural features governing the free radicals and catalytic activity of graphite/graphene oxide. *Physical Chemistry Chemical Physics*, **2020**, 22, 3112-3121	3.6	16
70	Fibrous-Structured Freestanding Electrodes for Oxygen Electrocatalysis. *Small*, **2021**, 17, e1903760	11	16

69	Simple multi-wavelength imaging of birefringence:case study of silk. *Scientific Reports*, **2018**, 8, 17652	4.9	16
68	Naphthalene diimide-based non-fullerene acceptors for simple, efficient, and solution-processable bulk-heterojunction devices. *RSC Advances*, **2016**, 6, 38703-38708	3.7	15
67	An efficient, three-dimensional non-fullerene electron acceptor: functionalizing tetraphenylethylene with naphthalene diimides. *Materials Chemistry Frontiers*, **2019**, 3, 1231-1237	7.8	14
66	Identify kinetic features of fibers growing, branching, and bundling in microstructure engineering of crystalline fiber network. *CrystEngComm*, **2014**, 16, 5402	3.3	14
65	Nanoscale chemical mapping of laser-solubilized silk. *Materials Research Express*, **2017**, 4, 115028	1.7	14
64	Surface energy of silk fibroin and mechanical properties of silk cocoon composites. *RSC Advances*, **2015**, 5, 1640-1647	3.7	14
63	Nanoscale optical and structural characterisation of silk. *Beilstein Journal of Nanotechnology*, **2019**, 10, 922-929	3	13
62	Functionalization of Silk with In-Situ Synthesized Platinum Nanoparticles. *Materials*, **2018**, 11,	3.5	13
61	A Biomimetic Supramolecular Approach for Charge Transfer between Donor and Acceptor Chromophores with Aggregation-Induced Emission. *Chemistry - A European Journal*, **2018**, 24, 14668-14678	4.8	12
60	A series of V-shaped small molecule non-fullerene electron acceptors for efficient bulk-heterojunction devices. *Dyes and Pigments*, **2019**, 171, 107677	4.6	12
59	Architecture and engineering of a supramolecular functional material by manipulating the nanostructure of fiber network. *Applied Physics Letters*, **2005**, 87, 113103	3.4	12
58	Molecular dynamics simulations informed by membrane lipidomics reveal the structure-interaction relationship of polymyxins with the lipid A-based outer membrane of Acinetobacter baumannii. *Journal of Antimicrobial Chemotherapy*, **2020**, 75, 3534-3543	5.1	12
57	Residue-Specialized Membrane Poration Kinetics of Melittin and Its Variants: Insight from Mechanistic Landscapes. *Communications in Theoretical Physics*, **2019**, 71, 887	2.4	11
56	Lipid merging, protrusion and vesicle release triggered by shrinking/swelling of poly(N-isopropylacrylamide) microgel particles. *Applied Surface Science*, **2014**, 296, 95-99	6.7	11
55	Solubilization of selected free fatty acids in palm oil by biodegradable ethoxylated surfactants. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 4476-83	5.7	11
54	Outer Membranes of Polymyxin-Resistant with Phosphoethanolamine-Modified Lipid A and Lipopolysaccharide Loss Display Different Atomic-Scale Interactions with Polymyxins. *ACS Infectious Diseases*, **2020**, 6, 2698-2708	5.5	11
53	Waste cotton fabric derived porous carbon containing Fe3O4/NiS nanoparticles for electrocatalytic oxygen evolution. *Journal of Materials Science and Technology*, **2020**, 59, 92-99	9.1	10
52	Proton Transport in Hierarchical-Structured Nafion Membranes: A NMR Study. *Journal of Physical Chemistry Letters*, **2017**, 8, 3624-3629	6.4	10

51	Acceleration effect of reduced graphene oxide on photoinduced synthesis of silver nanoparticles. *Physical Chemistry Chemical Physics*, **2013**, 15, 11106-12	3.6	10
50	Infrared Polariscopy Imaging of Linear Polymeric Patterns with a Focal Plane Array. *Nanomaterials*, **2019**, 9,	5.4	9
49	Distinct kinetics of molecular gelation in a confined space and its relation to the structure and property of thin gel films. *Physical Chemistry Chemical Physics*, **2015**, 17, 8258-65	3.6	9
48	Synergistic Coassembly of Two Structurally Different Molecular Gelators. *Langmuir*, **2016**, 32, 12175-12183	4	9
47	Enhancing the efficiency of solution-processable bulk-heterojunction devices via a three-dimensional molecular architecture comprising triphenylamine and cyanopyridone. *Dyes and Pigments*, **2017**, 137, 126-134	4.6	9
46	Encapsulation of Hydrophobic Phthalocyanine with Poly(-isopropylacrylamide)/Lipid Composite Microspheres for Thermo-Responsive Release and Photodynamic Therapy. *Materials*, **2014**, 7, 3481-3493	3.5	9
45	Understanding of hydrogel network formation and its application in the architecture of significantly enhanced hydrogel. *Applied Physics Letters*, **2006**, 89, 083106	3.4	9
44	Controlling the Supramolecular Architecture of Molecular Gels with Surfactants. *Langmuir*, **2016**, 32, 1171-7	4	8
43	Photoinduced reversible shape conversion of silver nanoparticles assisted by TiO*Physical Chemistry Chemical Physics*, **2014**, 16, 21999-2007	3.6	8
42	Cocoon of the silkworm Antheraea pernyi as an example of a thermally insulating biological interface. *Biointerphases*, **2014**, 9, 031013	1.8	8
41	Fabrication and biofunctionalization of selenium-polypyrrole core-shell nanoparticles for targeting and imaging of cancer cells. *Journal of Nanoscience and Nanotechnology*, **2008**, 8, 2488-91	1.3	8
40	Recovering phenanthrene from spiked sand by a combined remediation process of micellar solubilization and cloud-point extraction. *Journal of the Taiwan Institute of Chemical Engineers*, **2008**, 39, 337-342		8
39	Bioactive hierarchical silk fibers created by bioinspired self-assembly. *Nature Communications*, **2021** , 12, 2375	17.4	8
38	Recognition of chiral zwitterionic interactions at nanoscale interfaces by chiroplasmonic nanosensors. *Physical Chemistry Chemical Physics*, **2017**, 19, 21401-21406	3.6	7
37	Green preparation of gold nanoparticles with Tremella fuciformis for surface enhanced Raman scattering sensing. *Applied Surface Science*, **2018**, 427, 210-218	6.7	7
36	Structure-Interaction Relationship of Polymyxins with the Membrane of Human Kidney Proximal Tubular Cells. *ACS Infectious Diseases*, **2020**, 6, 2110-2119	5.5	6
35	Manipulating the fractal fiber network of a molecular gel with surfactants. *Journal of Colloid and Interface Science*, **2018**, 526, 356-365	9.3	6
34	The effect of fibrous structural difference on thermal insulation properties of biological composites: Silkworm cocoons. *Textile Reseach Journal*, **2016**, 86, 1935-1946	1.7	6

33	Near-Field IR Orientational Spectroscopy of Silk. *Applied Sciences (Switzerland)*, **2019**, 9, 3991	2.6	6
32	A bioinspired 3D solar evaporator with balanced water supply and evaporation for highly efficient photothermal steam generation. *Journal of Materials Chemistry A*, **2022**, 10, 2856-2866	13	6
31	Impact of self-assembly on the photovoltaic properties of a small molecule oligothiophene donor. *Solar Energy*, **2020**, 195, 223-229	6.8	6
30	An electroactive polymer composite with reinforced bending strength, based on tubular micro carbonized-cellulose. *Chemical Engineering Journal*, **2018**, 334, 1775-1780	14.7	6
29	Interfacial heat transfer through a natural protective fibrous architecture: a wild silkworm cocoon wall. *Textile Reseach Journal*, **2015**, 85, 1035-1044	1.7	5
28	Palladium nanoparticle colored cotton fabric as a highly efficient catalyst for colorimetric sensing of H2O2. *Cellulose*, **2020**, 27, 7791-7803	5.5	5
27	The first connection of carbonyl-bridged triarylamine and diketopyrrolopyrrole functionalities to generate a three-dimensional, non-fullerene electron acceptor. *Materials Chemistry Frontiers*, **2020**, 4, 2176-2183	7.8	5
26	Modulated enhancement in ion transport through carbon nanotubes by lipid decoration. *Carbon*, **2017**, 111, 459-466	10.4	5
25	Facile synthesis of silver submicrospheres and their applications. *RSC Advances*, **2015**, 5, 98293-98298	3.7	5
24	Design of a compact microfludic device for controllable cell distribution. *Lab on A Chip*, **2010**, 10, 3054-7	7.2	5
23	Modulated deformation of lipid membrane to vesicles and tubes due to reduction of graphene oxide substrate under laser irradiation. *Carbon*, **2016**, 98, 300-306	10.4	4
22	Surface nanogrooving of carbon microtubes. *Scientific Reports*, **2018**, 8, 9924	4.9	4
21	Antimicrobial and Bioactive Silk Peptide Hybrid Hydrogel with a Heterogeneous Double Network Formed by Orthogonal Assembly. *ACS Biomaterials Science and Engineering*, **2021**,	5.5	4
20	Self-assembly of monolayered lipid membranes for surface-coating of a nanoconfined Bombyx mori silk fibroin film. *RSC Advances*, **2015**, 5, 65684-65689	3.7	3
19	Turning Cotton to Self-Supported Electrocatalytic Carbon Electrode for Highly Efficient Oxygen Reduction. *Electrocatalysis*, **2020**, 11, 317-328	2.7	3
18	Bifunctional graphene oxide nanosheets for interfacially robust polymer actuators with instant solvent-induced self-folding. *Polymer*, **2020**, 186, 122037	3.9	3
17	Superwettable Amidoximed Polyacrylonitrile-Based Nanofibrous Nonwovens for Rapid and Highly Efficient Separation of Oil/Water Emulsions. *ACS Applied Polymer Materials*, **2021**, 3, 3093-3102	4.3	3
16	Direct connection of an amine to oligothiophene to generate push-pull chromophores for organic photovoltaic applications. *Dyes and Pigments*, **2019**, 162, 315-323	4.6	3

15	Enhanced Photovoltaic Efficiency via Control of Self-Assembly in Cyanopyridone-Based Oligothiophene Donors. *Journal of Physical Chemistry Letters*, **2021**, 12, 919-924	6.4	3
14	Manipulation of cellular orientation and migration by internalized magnetic particles. *Materials Chemistry Frontiers*, **2017**, 1, 933-936	7.8	2
13	Improvement of the optoelectronic and photovoltaic properties of a cyanopyrid-2,6-dione-based donor via molecular engineering. *Dyes and Pigments*, **2019**, 170, 107661	4.6	2
12	Molecular Gels for Controlled Formation of Micro-/Nano-Structures **2013**, 163-181		2
11	Functionalization of spiro[fluorene-9,9?-xanthene] with diketopyrrolopyrrole to generate a promising, three-dimensional non-fullerene acceptor. *Materials Chemistry Frontiers*, **2020**, 4, 3209-3215	7.8	2
10	One-pot synthesis of silicon based nanoparticles with incorporated phthalocyanine for long-term bioimaging and photo-dynamic therapy of tumors. *Nanotechnology*, **2017**, 28, 135601	3.4	1
9	Photoluminescence modulation of silicon nanoparticles via highly ordered arrangement with phospholipid membranes. *Colloids and Surfaces B: Biointerfaces*, **2018**, 170, 656-662	6	1
8	Molecular Gels and their Fibrillar Networks **2013**, 1-75		1
7	Molecular Gels for Tissue Engineering **2013**, 129-162		1
6	Engineering of Small-Molecule Gels Based on the Thermodynamics and Kinetics of Fiber Formation **2013**, 77-113		1
5	Architecture of Supramolecular Soft Functional Materials: From Understanding to Micro-/Nanoscale Engineering. *Advanced Functional Materials*, **2010**, 20, n/a-n/a	15.6	1
4	Directional moisture transfer through a wild silkworm cocoon wall. *Biointerphases*, **2016**, 11, 021008	1.8	1
3	Donor-acceptor-donor modelled donor targets based on indoline and naphthalene diimide functionalities for efficient bulk-heterojunction devices. *Dyes and Pigments*, **2021**, 184, 108808	4.6	1
2	Tuning the Mechanical Properties of Silkworm Silk Fibres by Thermally Induced Modification of Crystalline Nanostructure. *Fibers and Polymers*, **2021**, 22, 373-381	2	0
1	Functionalization of Colored/Fluorescent Silkworm Silk Fibrous Materials **2013**, 209-231		