

Lingxue Kong

List of Publications by Year in descending order

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304
papers

10,806
citations

26630

56
h-index

45317

90
g-index

308
all docs

308
docs citations

308
times ranked

14838
citing authors

#	ARTICLE	IF	CITATIONS
1	Edible films and coatings for shelf life extension of mango: a review. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 2432-2459.	10.3	40
2	A novel approach to determining piezoelectric properties of nanogenerators based on PVDF nanofibers using iterative finite element simulation for walking energy harvesting. <i>Journal of Industrial Textiles</i> , 2022, 51, 531S-553S.	2.4	17
3	Zwitterionic Block Copolymer Prodrug Micelles for pH Responsive Drug Delivery and Hypoxia-Specific Chemotherapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 1766-1777.	4.6	11
4	Synthesis of porous iron hydroxy phosphate from phosphate residue and its application as a Fenton-like catalyst for dye degradation. <i>Journal of Environmental Sciences</i> , 2022, 112, 307-319.	6.1	7
5	Controlling phase and rheological behaviours of hexagonal lyotropic liquid crystalline templates for nanostructural administration and retention. <i>Journal of Colloid and Interface Science</i> , 2022, 607, 816-825.	9.4	1
6	Constructing novel nanofibrous polyacrylonitrile (PAN)-based anion exchange membrane adsorber for protein separation. <i>Separation and Purification Technology</i> , 2022, 285, 120364.	7.9	11
7	Size-€Controlled Nanosculpture of Cylindrical Pores across Multilayer Graphene via Photocatalytic Perforation. <i>Advanced Materials Interfaces</i> , 2022, 9, .	3.7	4
8	Engineering Schottky-like and heterojunction materials for enhanced photocatalysis performance € a review. <i>Materials Advances</i> , 2022, 3, 2309-2323.	5.4	39
9	Thermally-stable photo-curing chemistry for additive manufacturing by direct melt electrowriting. <i>Additive Manufacturing</i> , 2022, 51, 102623.	3.0	3
10	Significant roles of substrate properties in forward osmosis membrane performance: A review. <i>Desalination</i> , 2022, 528, 115615.	8.2	55
11	Towards next generation high throughput ion exchange membranes for downstream bioprocessing: A review. <i>Journal of Membrane Science</i> , 2022, 647, 120325.	8.2	12
12	Waste-derived carbon fiber membrane with hierarchical structures for enhanced oil-in-water emulsion separation: Performance and mechanisms. <i>Journal of Membrane Science</i> , 2022, 653, 120543.	8.2	21
13	Isolating motile sperm cell sorting using biocompatible electrospun membranes. <i>Scientific Reports</i> , 2022, 12, 6057.	3.3	0
14	Photocatalytic-triggered nanopores across multilayer graphene for high-permeation membranes. <i>Chemical Engineering Journal</i> , 2022, 443, 136253.	12.7	5
15	Atomically-thin Schottky-like photo-electrocatalytic cross-flow membrane reactors for ultrafast remediation of persistent organic pollutants. <i>Water Research</i> , 2022, 218, 118519.	11.3	26
16	Temperature-Responsive Aldehyde Hydrogels with Injectable, Self-Healing, and Tunable Mechanical Properties. <i>Biomacromolecules</i> , 2022, 23, 2552-2561.	5.4	7
17	Oxidized Chitosan-Tobramycin (OCS-TOB) Submicro-Fibers for Biomedical Applications. <i>Pharmaceutics</i> , 2022, 14, 1197.	4.5	2
18	Waste-derived low-cost ceramic membranes for water treatment: Opportunities, challenges and future directions. <i>Resources, Conservation and Recycling</i> , 2022, 185, 106497.	10.8	33

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19	Meltblown fabric vs nanofiber membrane, which is better for fabricating personal protective equipments. Chinese Journal of Chemical Engineering, 2021, 36, 1-9.	3.5	21
20	Nanoscale 2D semi-conductors “ Impact of structural properties on light propagation depth and photocatalytic performance. Separation and Purification Technology, 2021, 258, 118011.	7.9	15
21	Constructing conductive titanium carbide nanosheet (MXene) network on polyurethane/polyacrylonitrile fibre framework for flexible strain sensor. Journal of Colloid and Interface Science, 2021, 584, 1-10.	9.4	86
22	Interphase precipitation hardening of a TiMo microalloyed dual-phase steel produced by continuous cooling. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 804, 140518.	5.6	10
23	Engineering antifouling reverse osmosis membranes: A review. Desalination, 2021, 499, 114857.	8.2	192
24	Dual-Cross-Linked Network Hydrogels with Multiresponsive, Self-Healing, and Shear Strengthening Properties. Biomacromolecules, 2021, 22, 800-810.	5.4	29
25	Carbon nanotube membranes “ Strategies and challenges towards scalable manufacturing and practical separation applications. Separation and Purification Technology, 2021, 257, 117929.	7.9	56
26	Electro-catalytic membrane reactors for the degradation of organic pollutants “ a review. Reaction Chemistry and Engineering, 2021, 6, 1508-1526.	3.7	17
27	Omniphobic membranes for distillation: Opportunities and challenges. Chinese Chemical Letters, 2021, 32, 3298-3306.	9.0	46
28	Predicting Operating Rules for Successful Melt Electrowriting. ACS Applied Polymer Materials, 2021, 3, 1890-1898.	4.4	10
29	Substrate-Independent, Regenerable Anti-Biofouling Coating for Polymeric Membranes. Membranes, 2021, 11, 205.	3.0	2
30	Multi-Functional Core-Shell Nanofibers for Wound Healing. Nanomaterials, 2021, 11, 1546.	4.1	15
31	Rational design for enhancing mechanical and conductive properties of Ti3C2 MXene based elastomer composites. Composites Communications, 2021, 25, 100725.	6.3	8
32	Chironomidae (Midge) Sensitivities to Ammonia Using Multiple Endpoints in China and Australia for the Development of Water Quality Criteria for Freshwater River Systems in China. Environmental Toxicology and Chemistry, 2021, 40, 2899-2911.	4.3	0
33	Towards a High-Flux Separation Layer from Hexagonal Lyotropic Liquid Crystals for Thin-Film Composite Membranes. Membranes, 2021, 11, 842.	3.0	0
34	Release of hazardous nanoplastic contaminants due to microplastics fragmentation under shear stress forces. Journal of Hazardous Materials, 2020, 384, 121393.	12.4	225
35	Exosomes and Nanoengineering: A Match Made for Precision Therapeutics. Advanced Materials, 2020, 32, e1904040.	21.0	134
36	Integrated membrane system without adding chemicals for produced water desalination towards zero liquid discharge. Desalination, 2020, 496, 114693.	8.2	32

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37	Stimulation of photosynthesis and enhancement of growth and yield in <i>Arabidopsis thaliana</i> treated with amine-functionalized mesoporous silica nanoparticles. <i>Plant Physiology and Biochemistry</i> , 2020, 156, 566-577.	5.8	19
38	Functionalized polyacrylonitrile fibers with durable antibacterial activity and superior Cu(II)-removal performance. <i>Materials Chemistry and Physics</i> , 2020, 245, 122755.	4.0	5
39	Numerical identification of critical erosion prone areas in tube heat exchangers. <i>Engineering Applications of Computational Fluid Mechanics</i> , 2020, 14, 1429-1444.	3.1	3
40	Application of F ⁺ modified Fe-SAPO-34 as a New Photo-catalyst in Printing and Dyeing Wastewater Treatment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2020, 729, 012057.	0.6	2
41	Facile Preparation of Macromolecular Prodrugs for Hypoxia-Specific Chemotherapy. <i>ACS Macro Letters</i> , 2020, 9, 1687-1692.	4.8	9
42	Evolution of structural dimensions in mesoporous template precursor from hexagonal lyotropic liquid crystals. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 075101.	1.8	3
43	Functional Nanofibrous Biomaterials of Tailored Structures for Drug Delivery—A Critical Review. <i>Pharmaceutics</i> , 2020, 12, 522.	4.5	27
44	Aptamer-guided extracellular vesicle theranostics in oncology. <i>Theranostics</i> , 2020, 10, 3849-3866.	10.0	45
45	Relating forward water and reverse salt fluxes to membrane porosity and tortuosity in forward osmosis: CFD modelling. <i>Separation and Purification Technology</i> , 2020, 241, 116727.	7.9	33
46	Nanofibers for heavy metal ion adsorption: Correlating surface properties to adsorption performance, and strategies for ion selectivity and recovery. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2020, 13, 100297.	2.9	12
47	Solvent crystallization-induced porous polyurethane/graphene composite foams for pressure sensing. <i>Composites Part B: Engineering</i> , 2020, 194, 108065.	12.0	67
48	Applications of nano-porous graphene materials – critical review on performance and challenges. <i>Materials Horizons</i> , 2020, 7, 1218-1245.	12.2	64
49	Functional Nanoporous Titanium Dioxide for Separation Applications: Synthesis Routes and Properties to Performance Analysis. , 2019, , 151-186.		1
50	CO2 sponge from plasma enhanced seeded growth of metal organic frameworks across carbon nanotube bucky-papers. <i>Separation and Purification Technology</i> , 2019, 209, 571-579.	7.9	13
51	Review on Sperm Sorting Technologies and Sperm Properties toward New Separation Methods via the Interface of Biochemistry and Material Science. <i>Advanced Biology</i> , 2019, 3, 1900079.	3.0	9
52	Catalytic electrospun nano-composite membranes for virus capture and remediation. <i>Separation and Purification Technology</i> , 2019, 229, 115806.	7.9	36
53	Mixed Matrix Poly(Vinyl Alcohol)-Copper Nanofibrous Anti-Microbial Air-Microfilters. <i>Membranes</i> , 2019, 9, 87.	3.0	16
54	Perforation routes towards practical nano-porous graphene and analogous materials engineering. <i>Carbon</i> , 2019, 155, 660-673.	10.3	46

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55	Nanoapplication of a Resistance Inducer to Reduce Phytophthora Disease in Pineapple (Ananas) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.6	14
56	High Efficiency Fabrication of Chitosan Composite Nanofibers with Uniform Morphology via Centrifugal Spinning. <i>Polymers</i> , 2019, 11, 1550.	4.5	50
57	Atomically Thin Boron Nitride as an Ideal Spacer for Metal-Enhanced Fluorescence. <i>ACS Nano</i> , 2019, 13, 12184-12191.	14.6	24
58	Wrinkled silica doped electrospun nano-fiber membranes with engineered roughness for advanced aerosol air filtration. <i>Separation and Purification Technology</i> , 2019, 215, 500-507.	7.9	77
59	pH-responsive ultrasonic self-assembly spinosad-loaded nanomicelles and their antifungal activity to <i>Fusarium oxysporum</i> . <i>Reactive and Functional Polymers</i> , 2019, 141, 123-132.	4.1	16
60	Hybrid graphene-decorated metal hollow fibre membrane reactors for efficient electro-Fenton - Filtration co-processes. <i>Journal of Membrane Science</i> , 2019, 587, 117182.	8.2	45
61	Fabrication and properties of elastic fibers from electrospinning natural rubber. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48153.	2.6	5
62	Preparation of Catalyst by Phosphating Slag and Its Photocatalytic Performance on Rhodamine B and Methyl Orange. <i>IOP Conference Series: Materials Science and Engineering</i> , 2019, 484, 012010.	0.6	0
63	Sub-10-nm Mixed Titanium/Tantalum Oxide Nanoporous Films with Visible-Light Photocatalytic Activity for Water Treatment. <i>ACS Applied Nano Materials</i> , 2019, 2, 1951-1963.	5.0	9
64	Flexible hybrid structure piezoelectric nanogenerator based on ZnO nanorod/PVDF nanofibers with improved output. <i>RSC Advances</i> , 2019, 9, 10117-10123.	3.6	87
65	Fabrication of Pd-TiO ₂ nanotube photoactive junctions via Atomic Layer Deposition for persistent pesticide pollutants degradation. <i>Applied Surface Science</i> , 2019, 483, 219-230.	6.1	38
66	Deriving site-specific water quality criteria for ammonia from national versus international toxicity data. <i>Ecotoxicology and Environmental Safety</i> , 2019, 171, 665-676.	6.0	19
67	Enhanced Visible Light Sensitization of N-Doped TiO ₂ Nanotubes Containing Ti-Oxynitride Species Fabricated via Electrochemical Anodization of Titanium Nitride. <i>Journal of Physical Chemistry C</i> , 2019, 123, 2189-2201.	3.1	21
68	Discrete silver nanoparticle infusion across silica aerogels towards versatile catalytic coatings for 4-nitrophenol reduction. <i>Materials Chemistry and Physics</i> , 2019, 223, 404-409.	4.0	5
69	Synthesis of nitrogen-doped carbon nanotubes-FePO ₄ composite from phosphate residue and its application as effective Fenton-like catalyst for dye degradation. <i>Journal of Environmental Sciences</i> , 2019, 76, 188-198.	6.1	20
70	Mesoporous silica nanorods toward efficient loading and intracellular delivery of siRNA. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	1.9	10
71	Effects of a volatile solvent with low surface tension combining with the silica network reinforcement on retention of LLC structure in polymer matrix. <i>Polymer Bulletin</i> , 2018, 75, 581-595.	3.3	2
72	Synthesis of Mn ₃ O ₄ nano-materials via CTAB/SDS vesicle templating for high performance supercapacitors. <i>Materials Letters</i> , 2018, 210, 128-132.	2.6	12

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73	High Efficiency Poly(acrylonitrile) Electrospun Nanofiber Membranes for Airborne Nanomaterials Filtration. <i>Advanced Engineering Materials</i> , 2018, 20, 1700572.	3.5	84
74	Electro-capture of heavy metal ions with carbon cloth integrated microfluidic devices. <i>Separation and Purification Technology</i> , 2018, 194, 26-32.	7.9	36
75	The growth of high density network of MOF nano-crystals across macroporous metal substrates – Solvothermal synthesis versus rapid thermal deposition. <i>Applied Surface Science</i> , 2018, 427, 401-408.	6.1	20
76	In Situ SAXS Measurement and Molecular Dynamics Simulation of Magnetic Alignment of Hexagonal LLC Nanostructures. <i>Membranes</i> , 2018, 8, 123.	3.0	2
77	An in-situ small angle x ray scattering analysis of nanopore formation during thermally induced chemical dealloying of brass thin foils. <i>Scientific Reports</i> , 2018, 8, 15419.	3.3	8
78	Sub-50-nm amorphous iron phosphate dihydrate nanoplates fabricated via liquid exfoliation from recycled steelmaking phosphate slag. <i>Materials Letters</i> , 2018, 233, 290-293.	2.6	6
79	Short Review on Porous Metal Membranes – Fabrication, Commercial Products, and Applications. <i>Membranes</i> , 2018, 8, 83.	3.0	39
80	Plasma Modification and Synthesis of Membrane Materials – A Mechanistic Review. <i>Membranes</i> , 2018, 8, 56.	3.0	55
81	Modified iron phosphate/polyvinyl alcohol composite film for controlled-release fertilisers. <i>RSC Advances</i> , 2018, 8, 18146-18152.	3.6	13
82	Single step synthesis of Schottky-like hybrid graphene - titania interfaces for efficient photocatalysis. <i>Scientific Reports</i> , 2018, 8, 8154.	3.3	14
83	Nanofiber-Based Materials for Persistent Organic Pollutants in Water Remediation by Adsorption. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 166.	2.5	29
84	Tuning micro-wrinkled graphene films for stretchable conductors of controllable electrical conductivity. <i>Carbon</i> , 2018, 139, 672-679.	10.3	28
85	Delivery of Abscisic Acid to Plants Using Glutathione Responsive Mesoporous Silica Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1615-1625.	0.9	66
86	Tailored Mesoporous Silica Nanoparticles for Controlled Drug Delivery: Platform Fabrication, Targeted Delivery, and Computational Design and Analysis. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 976-989.	2.4	8
87	Hybrid thin film nano-composite membrane reactors for simultaneous separation and degradation of pesticides. <i>Journal of Membrane Science</i> , 2017, 528, 217-224.	8.2	38
88	Metal organic framework based catalysts for CO ₂ conversion. <i>Materials Horizons</i> , 2017, 4, 345-361.	12.2	359
89	Silver metal nano-matrixes as high efficiency and versatile catalytic reactors for environmental remediation. <i>Scientific Reports</i> , 2017, 7, 45112.	3.3	11
90	Homogeneous isolation of nanocellulose from eucalyptus pulp by high pressure homogenization. <i>Industrial Crops and Products</i> , 2017, 104, 237-241.	5.2	88

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91	Plasmonic substrates for surface enhanced Raman scattering. <i>Analytica Chimica Acta</i> , 2017, 984, 19-41.	5.4	79
92	One-pot synthesized mesoporous Ni ²⁺ /Co hydroxide for high performance supercapacitors. <i>Ionics</i> , 2017, 23, 1229-1238.	2.4	9
93	Controlled porosity and pore size of nano-porous gold by thermally assisted chemical dealloying – a SAXS study. <i>RSC Advances</i> , 2017, 7, 10821-10830.	3.6	30
94	Insights into Free Volume Variations across Ion-Exchange Membranes upon Mixed Solvents Uptake by Small and Ultrasmall Angle Neutron Scattering. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 8704-8713.	8.0	7
95	Proton-Exchange-Induced Configuration Rearrangement in a Poly(ionic liquid) Solution: A NMR Study. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 5355-5359.	4.6	9
96	Inorganic Nanoparticles/Metal Organic Framework Hybrid Membrane Reactors for Efficient Photocatalytic Conversion of CO ₂ . <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 35010-35017.	8.0	111
97	Aptamer-mediated survivin RNAi enables 5-fluorouracil to eliminate colorectal cancer stem cells. <i>Scientific Reports</i> , 2017, 7, 5898.	3.3	40
98	Numerical investigation of erosion of tube sheet and tubes of a shell and tube heat exchanger. <i>Computers and Chemical Engineering</i> , 2017, 96, 115-127.	3.8	9
99	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. <i>Theranostics</i> , 2017, 7, 4071-4086.	10.0	70
100	Toward the Fabrication of Advanced Nanofiltration Membranes by Controlling Morphologies and Mesochannel Orientations of Hexagonal Lyotropic Liquid Crystals. <i>Membranes</i> , 2017, 7, 37.	3.0	12
101	Preparation of Porous Stainless Steel Hollow-Fibers through Multi-Modal Particle Size Sintering towards Pore Engineering. <i>Membranes</i> , 2017, 7, 40.	3.0	8
102	Electro-Catalytic Biodiesel Production from Canola Oil in Methanolic and Ethanolic Solutions with Low-Cost Stainless Steel and Hybrid Ion-Exchange Resin Grafted Electrodes. <i>Frontiers in Materials</i> , 2017, 4, .	2.4	11
103	Insights into Surface Interactions between Metal Organic Frameworks and Gases during Transient Adsorption and Diffusion by In-Situ Small Angle X-ray Scattering. <i>Membranes</i> , 2016, 6, 41.	3.0	3
104	Manufacturing Techniques and Surface Engineering of Polymer Based Nanoparticles for Targeted Drug Delivery to Cancer. <i>Nanomaterials</i> , 2016, 6, 26.	4.1	163
105	Superhydrophobic and Superoleophilic Micro-Wrinkled Reduced Graphene Oxide as a Highly Portable and Recyclable Oil Sorbent. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9977-9985.	8.0	80
106	Ultrahigh volumetric capacitance biomorphic porous carbon material derived from mold. <i>Materials Letters</i> , 2016, 184, 252-256.	2.6	27
107	Selective removal of anionic dyes using poly(N,N-dimethyl amino ethylmethacrylate) functionalized graphene oxide. <i>RSC Advances</i> , 2016, 6, 67242-67251.	3.6	15
108	Formation of nanoscale titanium carbides in ferrite: an atomic study. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	2.3	1

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109	Development of drug-loaded chitosan- α -vanillin nanoparticles and its cytotoxicity against HT-29 cells. <i>Drug Delivery</i> , 2016, 23, 30-35.	5.7	36
110	Molecular dynamics approach to the structural characterization and transport properties of poly(acrylonitrile)/N,N-dimethylformamide solutions. <i>Journal of Molecular Liquids</i> , 2016, 219, 45-53.	4.9	2
111	Ethephon Increases Rubber Tree Latex Yield by Regulating Aquaporins and Alleviating the Tapping-Induced Local Increase in Latex Total Solid Content. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 701-709.	5.1	6
112	Mesoporous silica nanoparticles enhance seedling growth and photosynthesis in wheat and lupin. <i>Chemosphere</i> , 2016, 152, 81-91.	8.2	166
113	Nanoparticulate Drug Delivery to Colorectal Cancer: Formulation Strategies and Surface Engineering. <i>Current Pharmaceutical Design</i> , 2016, 22, 2904-2912.	1.9	13
114	Formation of defects in the graphite oxidization process: a positron study. <i>RSC Advances</i> , 2015, 5, 88908-88914.	3.6	7
115	A Facile Synthesis of Mesoporous Silica Nanoparticle and its Morphology Manipulation by Varying pH Value. , 2015, , .		0
116	Multifunctional Polymer/Porous Boron Nitride Nanosheet Membranes for Superior Trapping Emulsified Oils and Organic Molecules. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500228.	3.7	106
117	Control of Partial Coalescence of Self-Assembled Metal Nano-Particles across Lyotropic Liquid Crystals Templates towards Long Range Meso-Porous Metal Frameworks Design. <i>Nanomaterials</i> , 2015, 5, 1766-1781.	4.1	7
118	EpCAM Aptamer-mediated Survivin Silencing Sensitized Cancer Stem Cells to Doxorubicin in a Breast Cancer Model. <i>Theranostics</i> , 2015, 5, 1456-1472.	10.0	84
119	Superior Performance of Aptamer in Tumor Penetration over Antibody: Implication of Aptamer-Based Theranostics in Solid Tumors. <i>Theranostics</i> , 2015, 5, 1083-1097.	10.0	147
120	Functionalization of Hollow Mesoporous Silica Nanoparticles for Improved 5-FU Loading. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-9.	2.7	41
121	Silver nanoparticles prepared by gamma irradiation across metal-organic framework templates. <i>RSC Advances</i> , 2015, 5, 10707-10715.	3.6	52
122	Synthesis of LiFePO ₄ @carbon nanotube core-shell nanowires with a high-energy efficient method for superior lithium ion battery cathodes. <i>Journal of Power Sources</i> , 2015, 291, 209-214.	7.8	62
123	In situ synthesis of natural rubber latex-supported gold nanoparticles for flexible SERS substrates. <i>RSC Advances</i> , 2015, 5, 49168-49174.	3.6	14
124	Graphene networks and their influence on free-volume properties of graphene-epoxidized natural rubber composites with a segregated structure: rheological and positron annihilation studies. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12175-12184.	2.8	50
125	Decomposition properties of PVA/graphene composites during melting-crystallization. <i>Polymer Degradation and Stability</i> , 2015, 119, 178-189.	5.8	35
126	Fabrication of high specificity hollow mesoporous silica nanoparticles assisted by Eudragit for targeted drug delivery. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 151-160.	9.4	59

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127	Mechanism of a green graphene oxide reduction with reusable potassium carbonate. RSC Advances, 2015, 5, 11966-11972.	3.6	153
128	Synthesis of single-crystalline LiFePO ₄ with rhombus-like morphology. Ionics, 2015, 21, 295-299.	2.4	4
129	Latex dilution reaction during the tapping flow course of Hevea brasiliensis and the effect of Ethrel stimulation. Revista Brasileira De Botanica, 2015, 38, 211-221.	1.3	4
130	Growth of nano-textured graphene coatings across highly porous stainless steel supports towards corrosion resistant coatings. Carbon, 2015, 87, 395-408.	10.3	65
131	Promoted water transport across graphene oxide-poly(amide) thin film composite membranes and their antibacterial activity. Desalination, 2015, 365, 126-135.	8.2	164
132	Study on LiFe _{1-x} Sm _x PO ₄ /C used as cathode materials for lithium-ion batteries with low Sm component. Ionics, 2015, 21, 2119-2125.	2.4	4
133	A New Insight into Growth Mechanism and Kinetics of Mesoporous Silica Nanoparticles by in Situ Small Angle X-ray Scattering. Langmuir, 2015, 31, 8478-8487.	3.5	78
134	Overcoming acquired drug resistance in colorectal cancer cells by targeted delivery of 5-FU with EGF grafted hollow mesoporous silica nanoparticles. Nanoscale, 2015, 7, 14080-14092.	5.6	68
135	Shrinkage induced stretchable micro-wrinkled reduced graphene oxide composite with recoverable conductivity. Carbon, 2015, 93, 878-886.	10.3	45
136	The control of epidermal growth factor grafted on mesoporous silica nanoparticles for targeted delivery. Journal of Materials Chemistry B, 2015, 3, 6094-6104.	5.8	10
137	Understanding water and ion transport behaviour and permeability through poly(amide) thin film composite membrane. Journal of Membrane Science, 2015, 487, 32-39.	8.2	77
138	Study on nanocellulose by high pressure homogenization in homogeneous isolation. Fibers and Polymers, 2015, 16, 572-578.	2.1	69
139	Investigation of hybrid ion-exchange membranes reinforced with non-woven metal meshes for electro-dialysis applications. Separation and Purification Technology, 2015, 147, 353-363.	7.9	18
140	Functionalized Mesoporous Silica Nanoparticles with Redox-Responsive Short-Chain Gatekeepers for Agrochemical Delivery. ACS Applied Materials & Interfaces, 2015, 7, 9937-9946.	8.0	126
141	Study of growth mechanism of TiC cluster in ferrite via molecular dynamics simulation. Materials Letters, 2015, 159, 389-391.	2.6	6
142	Simultaneous crystallization and decomposition of PVA/MMT composites during non-isothermal process. Thermochimica Acta, 2015, 618, 26-35.	2.7	15
143	The High Renaissance Properties of Porous Three Dimensional Graphene Using One Step Reduction and Its Application in Flexible Conductor. , 2015, , .		0
144	Preparation of size-selective Mn ₃ O ₄ hexagonal nanoplates with superior electrochemical properties for pseudocapacitors. Physical Chemistry Chemical Physics, 2015, 17, 23017-23025.	2.8	26

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145	Reinforcement and deformation behaviors of polyvinyl alcohol/graphene/montmorillonite clay composites. <i>Composites Science and Technology</i> , 2015, 118, 1-8.	7.8	34
146	Targeted delivery of 5-fluorouracil to HT-29 cells using high efficient folic acid-conjugated nanoparticles. <i>Drug Delivery</i> , 2015, 22, 191-198.	5.7	67
147	Biotemplated fabrication of a novel hierarchical porous C/LiFePO ₄ /C composite for Li-ion batteries. <i>RSC Advances</i> , 2015, 5, 1983-1988.	3.6	10
148	Simultaneous polymerization and crosslinking for the synthesis of molecular-level graphene oxide/polyacryl amide/CeOx composites. <i>Chemical Engineering Journal</i> , 2015, 263, 27-37.	12.7	12
149	Microencapsulation of coupled folate and chitosan nanoparticles for targeted delivery of combination drugs to colon. <i>Journal of Microencapsulation</i> , 2015, 32, 40-45.	2.8	49
150	Towards integrated anti-microbial capabilities: Novel bio-fouling resistant membranes by high velocity embedment of silver particles. <i>Journal of Membrane Science</i> , 2015, 475, 552-561.	8.2	41
151	Regulation of HbPIP ₂ /3, a Latex-Abundant Water Transporter, Is Associated with Latex Dilution and Yield in the Rubber Tree (<i>Hevea brasiliensis</i> Muell. Arg.). <i>PLoS ONE</i> , 2015, 10, e0125595.	2.5	20
152	Nucleic Acid Aptamer-Guided Cancer Therapeutics and Diagnostics: the Next Generation of Cancer Medicine. <i>Theranostics</i> , 2015, 5, 23-42.	10.0	184
153	Improved Efficacy and Reduced Toxicity of Doxorubicin Encapsulated in Sulfatide-Containing Nanoliposome in a Glioma Model. <i>PLoS ONE</i> , 2014, 9, e103736.	2.5	16
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