

Dan Li

List of Publications by Year in descending order

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231
papers

36,616
citations

8755

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h-index

2953

189
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237
all docs

237
docs citations

237
times ranked

38233
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical constituents from the fruits of <i>Piper longum</i> L. and their vascular relaxation effect on rat mesenteric arteries. <i>Natural Product Research</i> , 2022, 36, 674-679.	1.8	12
2	Detecting subtle yet fast skeletal muscle contractions with ultrasoft and durable graphene-based cellular materials. <i>National Science Review</i> , 2022, 9, nwab184.	9.5	4
3	Berberine remodels adipose tissue to attenuate metabolic disorders by activating sirtuin 3. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1285-1298.	6.1	32
4	FGF21 alleviates acute liver injury by inducing the SIRT1-autophagy signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 868-879.	3.6	18
5	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 2208-2217.	13.7	103
6	Methylglyoxal produced by tumor cells through formaldehyde-enhanced Warburg effect potentiated polarization of tumor-associated macrophages. <i>Toxicology and Applied Pharmacology</i> , 2022, 438, 115910.	2.8	5
7	Harnessing the 2D Structure-Enabled Viscoelasticity of Graphene-Based Hydrogel Membranes for Chronic Neural Interfacing. <i>Small Methods</i> , 2022, 6, e2200022.	8.6	12
8	Epigenetic Regulation in the Pathogenesis of Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2022, 13, 859400.	4.8	9
9	New Structural Insights into Densely Assembled Reduced Graphene Oxide Membranes. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
10	Piperazine ferulate attenuates gentamicin-induced acute kidney injury via the NF- κ B/NLRP3 pathway. <i>Phytomedicine</i> , 2022, 99, 154021.	5.3	5
11	Epigenetic Underpinnings of Inflammation: A Key to Unlock the Tumor Microenvironment in Glioblastoma. <i>Frontiers in Immunology</i> , 2022, 13, 869307.	4.8	9
12	A phenolic based tumor-permeated nano-framework for immunogenic cell death induction combined with PD-L1 immune checkpoint blockade. <i>Biomaterials Science</i> , 2022, 10, 3808-3822.	5.4	7
13	Oxidation resistance of nickel-based superalloy Inconel 600 in air at different temperatures. <i>Rare Metals</i> , 2021, 40, 3235.	7.1	12
14	Natural constituents from food sources as therapeutic agents for obesity and metabolic diseases targeting adipose tissue inflammation. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1947-1965.	10.3	27
15	Graphene Elastomer Electrodes for Medical Sensing Applications: Combining High Sensitivity, Low Noise and Excellent Skin Compatibility to Enable Continuous Medical Monitoring. <i>IEEE Sensors Journal</i> , 2021, 21, 13967-13975.	4.7	15
16	Boron nitride adsorbents with sea urchin-like structures for enhanced adsorption performance. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1601-1610.	3.8	11
17	Fabrication and energy absorption ability of 3D highly elastic sponge constructed by BN fiber balls. <i>Ceramics International</i> , 2021, 47, 2874-2878.	4.8	1
18	Ultrafast water evaporation through graphene membranes with subnanometer pores for desalination. <i>Journal of Membrane Science</i> , 2021, 621, 118934.	8.2	45

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19	Rapid Hardâ€“Tissueâ€“Embedding Method for Embedding Graphene Nanomaterials: A Multilayered Graphene Hydrogel Membrane. <i>Macromolecular Materials and Engineering</i> , 2021, 306, .	3.6	3
20	Natural volatile oils derived from herbal medicines: A promising therapy way for treating depressive disorder. <i>Pharmacological Research</i> , 2021, 164, 105376.	7.1	84
21	A high-performance asymmetric supercapacitor-based (CuCo)Se ₂ /GA cathode and FeSe ₂ /GA anode with enhanced kinetics matching. <i>Nanoscale</i> , 2021, 13, 6489-6498.	5.6	30
22	Disease Statusâ€“Dependent Drugâ€“Herb Interactions: NASH Lowered the Risk of Hepatotoxicity in Rats Coadministered With Simvastatin and Gardenia jasminoides J. Ellis. <i>Frontiers in Pharmacology</i> , 2021, 12, 622040.	3.5	2
23	Biocompatibility of Bacterial Magnetosomes as MRI Contrast Agent: A Long-Term In Vivo Follow-Up Study. <i>Nanomaterials</i> , 2021, 11, 1235.	4.1	19
24	Targeting Indoleamine 2,3-Dioxygenase 1: Fighting Cancers via Dormancy Regulation. <i>Frontiers in Immunology</i> , 2021, 12, 725204.	4.8	5
25	CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. <i>Biochimie</i> , 2021, 189, 65-75.	2.6	4
26	Peptidylarginine deiminases 4 as a promising target in drug discovery. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113840.	5.5	15
27	Pharmacokinetics and Metabolites of 12 Bioactive Polymethoxyflavones in Rat Plasma. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 12705-12716.	5.2	3
28	Cardioprotective effects of Amentoflavone by suppression of apoptosis and inflammation on an in vitro and vivo model of myocardial ischemia-reperfusion injury. <i>International Immunopharmacology</i> , 2021, 101, 108296.	3.8	11
29	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. <i>EBioMedicine</i> , 2021, 74, 103725.	6.1	16
30	Electrochemical and mechanical performance of reduced graphene oxide, conductive hydrogel, and electrodeposited Ptâ€“Ir coated electrodes: an active<i>in vitro</i> study. <i>Journal of Neural Engineering</i> , 2020, 17, 016015.	3.5	22
31	Ballpoint tip-protected oil-in-salt liquid-phase microextraction with high performance liquid chromatography for the determination of magnolol and honokiol from cortex <i>Magnoliae officinalis</i>. <i>Instrumentation Science and Technology</i> , 2020, 48, 254-268.	1.8	3
32	Solvationâ€“Involved Nanoionics: New Opportunities from 2D Nanomaterial Lamina Membranes. <i>Advanced Materials</i> , 2020, 32, e1904562.	21.0	61
33	Pimarane Diterpenoids from the Seeds of <i>Caesalpinia minax</i> as PTP1B Inhibitors and Insulin Sensitizers. <i>Molecules</i> , 2020, 25, 4674.	3.8	6
34	Meta-Analysis on the Chinese Herbal Formula Xiaoer-Feike Granules as a Complementary Therapy for Children With Acute Lower Respiratory Infections. <i>Frontiers in Pharmacology</i> , 2020, 11, 496348.	3.5	2
35	Overview of Pharmacokinetics and Liver Toxicities of Radix <i>Polygoni Multiflori</i> . <i>Toxins</i> , 2020, 12, 729.	3.4	14
36	Therapeutic Efficacy of Piperazine Ferulate Combined With Irbesartan in Diabetic Nephropathy: A Systematic Review and Meta-analysis. <i>Clinical Therapeutics</i> , 2020, 42, 2196-2212.	2.5	6

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37	Functionalized Graphene@Gold Nanostar/Lipid for Pancreatic Cancer Gene and Photothermal Synergistic Therapy under Photoacoustic/Photothermal Imaging Dual-Modal Guidance. <i>Small</i> , 2020, 16, e2003707.	10.0	57
38	Free-standing graphene oxide mid-infrared polarizers. <i>Nanoscale</i> , 2020, 12, 11480-11488.	5.6	9
39	Beneficial restacking of 2D nanomaterials for electrocatalysis: a case of MoS ₂ membranes. <i>Chemical Communications</i> , 2020, 56, 7005-7008.	4.1	20
40	Electrolyte gating in graphene-based supercapacitors and its use for probing nanoconfined charging dynamics. <i>Nature Nanotechnology</i> , 2020, 15, 683-689.	31.5	66
41	<p>A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1481-1498.	6.7	18
42	Synthetic HDL Nanoparticles Delivering Docetaxel and CpG for Chemoimmunotherapy of Colon Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1777.	4.1	26
43	The vascular dilatation induced by Hydroxysafflor yellow A (HSYA) on rat mesenteric artery through TRPV4-dependent calcium influx in endothelial cells. <i>Journal of Ethnopharmacology</i> , 2020, 256, 112790.	4.1	20
44	Phospholipid Component Defines Pharmacokinetic and Pharmacodynamic Properties of Synthetic High-Density Lipoproteins. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 372, 193-204.	2.5	17
45	Preparation a three-dimensional hierarchical graphene/stearic acid as a phase change materials for thermal energy storage. <i>Materials Research Express</i> , 2020, 7, 095506.	1.6	2
46	Ionic Liquid-Microwave-Based Extraction of Biflavonoids from <i>Selaginella sinensis</i> . <i>Molecules</i> , 2019, 24, 2507.	3.8	12
47	Predicting drug release kinetics from nanocarriers inside dialysis bags. <i>Journal of Controlled Release</i> , 2019, 315, 23-30.	9.9	94
48	A fast response TLC-SERS substrate for on-site detection of hydrophilic and hydrophobic adulterants in botanical dietary supplements. <i>New Journal of Chemistry</i> , 2019, 43, 13873-13880.	2.8	13
49	Rapid Identification of Berberine Metabolites in Rat Plasma by UHPLC-Q-TOF-MS. <i>Molecules</i> , 2019, 24, 1994.	3.8	14
50	Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. <i>Biomolecules</i> , 2019, 9, 172.	4.0	10
51	A Phase Transformation-Resistant Electrode Enabled by a MnO ₂ -Confined Effect for Enhanced Energy Storage. <i>Advanced Functional Materials</i> , 2019, 29, 1901342.	14.9	18
52	Graphene Oxide-Supported Catalyst with Thermoresponsive Smart Surface for Selective Hydrogenation of Cinnamaldehyde. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16443-16451.	8.0	24
53	A Dynamic Graphene Oxide Network Enables Spray Printing of Colloidal Gels for High-Performance Micro-Supercapacitors. <i>Advanced Materials</i> , 2019, 31, e1804434.	21.0	54
54	Electrochemically-derived graphene oxide membranes with high stability and superior ionic sieving. <i>Chemical Communications</i> , 2019, 55, 4075-4078.	4.1	21

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55	Zwitterion Coordination Induced Highly Orientational Order of CH ₃ NH ₃ Pb ₃ Perovskite Film Delivers a High Open Circuit Voltage Exceeding 1.2 V. <i>Advanced Functional Materials</i> , 2019, 29, 1901026.	14.9	134
56	Constructing high-performance 3D porous self-standing electrodes with various morphologies and shapes by a flexible phase separation-derived method. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22550-22558.	10.3	12
57	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. <i>Nanotoxicology</i> , 2019, 13, 35-49.	3.0	17
58	Î±-Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. <i>Aging</i> , 2019, 11, 11084-11110.	3.1	17
59	A Thieno[3,2- <i>b</i>]isoquinolin-5(4H)-one Building Block for Efficient Thick-Film Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1800397.	19.5	35
60	Engineering graphene for high-performance supercapacitors: Enabling role of colloidal chemistry. <i>Journal of Energy Chemistry</i> , 2018, 27, 1-5.	12.9	21
61	An equivalent 1D nanochannel model to describe ion transport in multilayered graphene membranes. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 246-250.	4.4	9
62	Multifunctional Cellular Materials Based on 2D Nanomaterials: Prospects and Challenges. <i>Advanced Materials</i> , 2018, 30, 1704850.	21.0	47
63	Ionic Liquid-Based Ultrasound-Based Extraction of Biflavonoids from <i>Selaginella helvetica</i> and Investigation of Their Antioxidant Activity. <i>Molecules</i> , 2018, 23, 3284.	3.8	18
64	Effect of five novel 5-substituted tetrandrine derivatives on P-glycoprotein-mediated inhibition and transport in Caco-2 cells. <i>Oncology Letters</i> , 2018, 16, 6808-6814.	1.8	5
65	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. <i>Analytical Chemistry</i> , 2018, 90, 10765-10770.	6.5	6
66	Low-voltage electrostatic modulation of ion diffusion through layered graphene-based nanoporous membranes. <i>Nature Nanotechnology</i> , 2018, 13, 685-690.	31.5	196
67	Ion-Transport Experiments to Probe the Nanostructure of Graphene/Polymer Membranes. <i>Small Methods</i> , 2018, 2, 1800187.	8.6	4
68	Structural Control of Graphene-Based Materials for Unprecedented Performance. <i>ACS Nano</i> , 2018, 12, 5085-5092.	14.6	50
69	Unique Structural Design and Strategies for Germanium-Based Anode Materials Toward Enhanced Lithium Storage. <i>Advanced Energy Materials</i> , 2017, 7, 1700488.	19.5	103
70	Detecting Subtle Vibrations Using Graphene-Based Cellular Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11345-11349.	8.0	32
71	Chromatographic separation and detection of contaminants from whole milk powder using a chitosan-modified silver nanoparticles surface-enhanced Raman scattering device. <i>Food Chemistry</i> , 2017, 224, 382-389.	8.2	38
72	Polymeric nanoparticles developed by vitamin E-modified aliphatic polycarbonate polymer to promote oral absorption of oleanolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , 2017, 12, 586-593.	9.1	7

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73	Extremely Low Density and Super-Compressible Graphene Cellular Materials. <i>Advanced Materials</i> , 2017, 29, 1701553.	21.0	126
74	Controlled Gelation of Graphene Towards Unprecedented Superstructures. <i>Chemistry - A European Journal</i> , 2017, 23, 13264-13269.	3.3	5
75	Super-carbon spring: a biomimetic design. <i>Science China Materials</i> , 2017, 60, 186-187.	6.3	2
76	Novel synthetic strategy towards BaFCl and BaFCl:Eu ²⁺ nanofibers with photoluminescence properties. <i>Chemical Engineering Journal</i> , 2017, 310, 91-101.	12.7	20
77	Facile electrochemical approach for the production of graphite oxide with tunable chemistry. <i>Carbon</i> , 2017, 112, 185-191.	10.3	59
78	Super-high thermal conductivity of polyamide-6/graphene-graphene oxide composites through in situ polymerization. <i>High Performance Polymers</i> , 2017, 29, 585-594.	1.8	41
79	Optimization of Ionic Liquid-Assisted Extraction of Biflavonoids from <i>Selaginella doederleinii</i> and Evaluation of Its Antioxidant and Antitumor Activity. <i>Molecules</i> , 2017, 22, 586.	3.8	42
80	Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. <i>PLoS Computational Biology</i> , 2017, 13, e1005441.	3.2	15
81	Comparison of the Responsivity of Solution-Suspended and Surface-Bound Poly(<i>N</i> -isopropylacrylamide)-Based Microgels for Sensing Applications. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26539-26548.	8.0	26
82	Flexible laser scribed biomimetic supercapacitors. , 2016, , .		1
83	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , 2016, 6, 1261-1273.	10.0	45
84	Robust Vacuum-Air-Dried Graphene Aerogels and Fast Recoverable Shape-Memory Hybrid Foams. <i>Advanced Materials</i> , 2016, 28, 1510-1516.	21.0	177
85	High-Rate and High-Volumetric Capacitance of Compact Graphene-Polyaniline Hydrogel Electrodes. <i>Advanced Energy Materials</i> , 2016, 6, 1600185.	19.5	91
86	Multilayered Graphene Hydrogel Membranes for Guided Bone Regeneration. <i>Advanced Materials</i> , 2016, 28, 4025-4031.	21.0	130
87	Giant third-order nonlinearity from low-loss electrochemical graphene oxide film with a high power stability. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	41
88	The development of a quantitative and qualitative method based on UHPLC-QTOF MS/MS for evaluation paclitaxel-tetrandrine interaction and its application to a pharmacokinetic study. <i>Talanta</i> , 2016, 160, 256-267.	5.5	7
89	Mechanically-Assisted Electrochemical Production of Graphene Oxide. <i>Chemistry of Materials</i> , 2016, 28, 8429-8438.	6.7	91
90	A New Strategy for Achieving a High Performance Anode for Lithium Ion Batteries-Encapsulating Germanium Nanoparticles in Carbon Nanoboxes. <i>Advanced Energy Materials</i> , 2016, 6, 1501666.	19.5	111

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91	Molecular dynamics simulations of the electric double layer capacitance of graphene electrodes in mono-valent aqueous electrolytes. <i>Nano Research</i> , 2016, 9, 174-186.	10.4	77
92	Ultrafast Dynamic Piezoresistive Response of Graphene-Based Cellular Elastomers. <i>Advanced Materials</i> , 2016, 28, 194-200.	21.0	171
93	Ion transport in complex layered graphene-based membranes with tuneable interlayer spacing. <i>Science Advances</i> , 2016, 2, e1501272.	10.3	203
94	Graphene/titanium carbide composites prepared by sol-gel infiltration and spark plasma sintering. <i>Ceramics International</i> , 2016, 42, 122-131.	4.8	42
95	Graphene Functionalized Scaffolds Reduce the Inflammatory Response and Supports Endogenous Neuroblast Migration when Implanted in the Adult Brain. <i>PLoS ONE</i> , 2016, 11, e0151589.	2.5	80
96	Unique Urchin-like Ca ₂ Ge ₇ O ₁₆ Hierarchical Hollow Microspheres as Anode Material for the Lithium Ion Battery. <i>Scientific Reports</i> , 2015, 5, 11326.	3.3	21
97	Hydrophobic-hydrophilic monolithic dual-phase layer for two-dimensional thin-layer chromatography coupled with surface-enhanced Raman spectroscopy detection. <i>Journal of Separation Science</i> , 2015, 38, 2737-2745.	2.5	6
98	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165.	10.0	34
99	Tuning Rheological Performance of Silica Concentrated Shear Thickening Fluid by Using Graphene Oxide. <i>Advances in Condensed Matter Physics</i> , 2015, 2015, 1-5.	1.1	38
100	Label-free electrochemical aptasensor constructed by layer-by-layer technology for sensitive and selective detection of cancer cells. <i>Analytica Chimica Acta</i> , 2015, 882, 32-37.	5.4	43
101	Nano-confined multi-synthesis of a Li-Mg-N-H nanocomposite towards low-temperature hydrogen storage with stable reversibility. <i>Journal of Materials Chemistry A</i> , 2015, 3, 12646-12652.	10.3	25
102	Mechanical properties and microstructure of a graphene oxide-cement composite. <i>Cement and Concrete Composites</i> , 2015, 58, 140-147.	10.7	623
103	Silver-nanoparticle-based surface-enhanced Raman scattering wiper for the detection of dye adulteration of medicinal herbs. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6031-6039.	3.7	28
104	Nrf2-mediated adaptive response to methyl glyoxal in HepG2 cells involves the induction of AKR7A2. <i>Chemico-Biological Interactions</i> , 2015, 234, 366-371.	4.0	20
105	Highly efficient and ultra-broadband graphene oxide ultrathin lenses with three-dimensional subwavelength focusing. <i>Nature Communications</i> , 2015, 6, 8433.	12.8	133
106	Dynamic configuration of reduced graphene oxide in aqueous dispersion and its effect on thin film properties. <i>Chemical Communications</i> , 2015, 51, 17760-17763.	4.1	2
107	Noncovalent Functionalization of Graphene Nanosheets with Cluster-Cored Star Polymers and Their Reinforced Polymer Coating. <i>ACS Macro Letters</i> , 2015, 4, 974-978.	4.8	23
108	Tuning the oxygen functional groups in reduced graphene oxide papers to enhance the electromechanical actuation. <i>RSC Advances</i> , 2015, 5, 68052-68060.	3.6	9

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109	On-chip energy storage integrated with solar cells using a laser scribed graphene oxide film. Applied Physics Letters, 2015, 107, 031105.	3.3	49
110	Enhanced optical nonlinearities of hybrid graphene oxide films functionalized with gold nanoparticles. Applied Physics Letters, 2015, 107, .	3.3	39
111	Grapheneâ€Directed Supramolecular Assembly of Multifunctional Polymer Hydrogel Membranes. Advanced Functional Materials, 2015, 25, 126-133.	14.9	69
112	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. Journal of Materials in Civil Engineering, 2015, 27, .	2.9	323
113	Scalable production of graphene via wet chemistry: progress and challenges. Materials Today, 2015, 18, 73-78.	14.2	265
114	Optical Characterisation of Non-Covalent Interactions between Non-Conjugated Polymers and Chemically Converted Graphene. Australian Journal of Chemistry, 2014, 67, 168.	0.9	3
115	Mechanically Robust, Electrically Conductive and Stimuliâ€Responsive Binary Network Hydrogels Enabled by Superelastic Graphene Aerogels. Advanced Materials, 2014, 26, 3333-3337.	21.0	178
116	SnSb@carbon nanocable anchored on graphene sheets for sodium ion batteries. Nano Research, 2014, 7, 1466-1476.	10.4	108
117	Functionalization of Monolithic and Porous Three-Dimensional Graphene by One-Step Chitosan Electrodeposition for Enzymatic Biosensor. ACS Applied Materials & Interfaces, 2014, 6, 19997-20002.	8.0	95
118	4-Hydroxynonenal induces an increase in expression of Receptor for Activating C Kinase 1 (RACK1) in Chinese hamster V79-4 lung cells. Chemico-Biological Interactions, 2014, 213, 13-20.	4.0	4
119	Aldoâ€keto reductase 7A5 (AKR7A5) attenuates oxidative stress and reactive aldehyde toxicity in V79-4 cells. Toxicology in Vitro, 2014, 28, 707-714.	2.4	18
120	Hierarchical Porous Li ₂ Mg(NH) ₂ @C Nanowires with Long Cycle Life Towards Stable Hydrogen Storage. Scientific Reports, 2014, 4, 6599.	3.3	16
121	Direct patterning of C-shape arrays on graphene oxide thin films using direct laser printing. , 2014, , .		2
122	TiO ₂ nanoparticles on nitrogen-doped graphene as anode material for lithium ion batteries. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	32
123	Dynamic electrosorption analysis: a viable liquid-phase characterization method for porous carbon?. Journal of Materials Chemistry A, 2013, 1, 9332.	10.3	8
124	Bioâ€Inspired Twoâ€Dimensional Nanofluidic Generators Based on a Layered Graphene Hydrogel Membrane. Advanced Materials, 2013, 25, 6064-6068.	21.0	232
125	Significantly enhanced water flux in forward osmosis desalination with polymer-graphene composite hydrogels as a draw agent. RSC Advances, 2013, 3, 887-894.	3.6	92
126	Dynamic Electrosorption Analysis as an Effective Means to Characterise the Structure of Bulk Graphene Assemblies. Chemistry - A European Journal, 2013, 19, 3082-3089.	3.3	17

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127	A unique sandwich-structured C/Ge/graphene nanocomposite as an anode material for high power lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14115.	10.3	80
128	Liquid-Mediated Dense Integration of Graphene Materials for Compact Capacitive Energy Storage. <i>Science</i> , 2013, 341, 534-537.	12.6	1,666
129	Smart draw agents for emerging forward osmosis application. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14049.	10.3	72
130	UV-assisted production of ferromagnetic graphitic quantum dots from graphite. <i>Carbon</i> , 2013, 57, 346-356.	10.3	25
131	Fast and green synthesis of flexible free-standing silver nanoparticles on graphene substrates and their surface-enhanced Raman scattering activity. <i>RSC Advances</i> , 2013, 3, 23236.	3.6	14
132	Controlling the assembly of graphene oxide by an electrolyte-assisted approach. <i>Nanoscale</i> , 2013, 5, 6458.	5.6	10
133	Effect of cationic polyacrylamides on the aggregation and SERS performance of gold nanoparticles-treated paper. <i>Journal of Colloid and Interface Science</i> , 2013, 392, 237-246.	9.4	62
134	Formation of polyelectrolyte-gold nanoparticle necklaces on paper. <i>Journal of Colloid and Interface Science</i> , 2013, 405, 71-77.	9.4	7
135	Effect of cationic polyacrylamide dissolution on the adsorption state of gold nanoparticles on paper and their Surface Enhanced Raman Scattering properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 420, 46-52.	4.7	15
136	Self-Supporting Graphene Hydrogel Film as an Experimental Platform to Evaluate the Potential of Graphene for Bone Regeneration. <i>Advanced Functional Materials</i> , 2013, 23, 3494-3502.	14.9	108
137	Transparent and conductive reduced graphene oxide/silver nanoparticles multilayer film obtained by electrical self-assembly process with graphene oxide sheets and silver colloid. <i>RSC Advances</i> , 2013, 3, 3391.	3.6	47
138	Revisiting the capacitance of polyaniline by using graphene hydrogel films as a substrate: the importance of nano-architecturing. <i>Energy and Environmental Science</i> , 2013, 6, 477-481.	30.8	186
139	Facile Fabrication of Nanoparticles Confined in Graphene Films and Their Electrochemical Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 7631-7636.	3.3	21
140	Enhanced rate performance of cobalt oxide/nitrogen doped graphene composite for lithium ion batteries. <i>RSC Advances</i> , 2013, 3, 5003.	3.6	44
141	The synergetic effect of N-doped graphene and silver nanowires for high electrocatalytic performance in the oxygen reduction reaction. <i>RSC Advances</i> , 2013, 3, 11552.	3.6	44
142	Formation of Regular Stripes of Chemically Converted Graphene on Hydrophilic Substrates. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 6176-6181.	8.0	3
143	Solvated Graphenes: An Emerging Class of Functional Soft Materials. <i>Advanced Materials</i> , 2013, 25, 13-30.	21.0	212
144	Magnetic behavior of reduced graphene oxide/metal nanocomposites. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	21

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145	Biomimetic superelastic graphene-based cellular monoliths. <i>Nature Communications</i> , 2012, 3, 1241.	12.8	1,091
146	Multilayered graphene membrane as an experimental platform to probe nano-confined electrosorption. <i>Progress in Natural Science: Materials International</i> , 2012, 22, 668-672.	4.4	11
147	Enhanced electrochemical properties of LiFePO ₄ by Mo-substitution and graphitic carbon-coating via a facile and fast microwave-assisted solid-state reaction. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 3634.	2.8	40
148	Enhanced Electrochemical Performance of MoS ₂ for Lithium Ion Batteries by Simple Chemical Lithiation. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1196-1200.	1.4	8
149	Microwave-assisted Synthesis of Flower-like Structure μ -MnO ₂ as Cathode for Lithium Ion Batteries. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 1211-1215.	1.4	21
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