

# Dan 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.

227  
papers

31,975  
citations

71  
h-index

178  
g-index

237  
ext. papers

34,289  
ext. citations

9  
avg, IF

7.45  
L-index

#	Paper	IF	Citations
227	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation.. <i>Journal of the American Chemical Society</i> , <b>2022</b> ,	16.4	9
226	Methylglyoxal produced by tumor cells through formaldehyde-enhanced Warburg effect potentiated polarization of tumor-associated macrophages.. <i>Toxicology and Applied Pharmacology</i> , <b>2022</b> , 438, 115910	4.6	0
225	FGF21 alleviates acute liver injury by inducing the SIRT1-autophagy signalling pathway.. <i>Journal of Cellular and Molecular Medicine</i> , <b>2022</b> ,	5.6	3
224	Detecting subtle yet fast skeletal muscle contractions with ultrasoft and durable graphene-based cellular materials.. <i>National Science Review</i> , <b>2022</b> , 9, nwab184	10.8	1
223	Harnessing the 2D Structure-Enabled Viscoelasticity of Graphene-Based Hydrogel Membranes for Chronic Neural Interfacing.. <i>Small Methods</i> , <b>2022</b> , e2200022	12.8	1
222	Epigenetic Regulation in the Pathogenesis of Rheumatoid Arthritis.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 859400	8.4	1
221	Piperazine ferulate attenuates gentamicin-induced acute kidney injury via the NF- $\kappa$ B/NLRP3 pathway.. <i>Phytomedicine</i> , <b>2022</b> , 99, 154021	6.5	0
220	Epigenetic Underpinnings of Inflammation: A Key to Unlock the Tumor Microenvironment in Glioblastoma.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 869307	8.4	3
219	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. <i>EBioMedicine</i> , <b>2021</b> , 74, 103725	8.8	2
218	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> , <b>2021</b> , 101, 108296	5.8	2
217	Pharmacokinetics and Metabolites of 12 Bioactive Polymethoxyflavones in Rat Plasma. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 12705-12716	5.7	
216	Disease Status-Dependent Drug-Herb Interactions: NASH Lowered the Risk of Hepatotoxicity in Rats Coadministered With Simvastatin and J. Ellis. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 622040	5.6	0
215	Biocompatibility of Bacterial Magnetosomes as MRI Contrast Agent: A Long-Term In Vivo Follow-Up Study. <i>Nanomaterials</i> , <b>2021</b> , 11,	5.4	6
214	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> , <b>2021</b> , 21, 13967-13975	4	7
213	Boron nitride adsorbents with sea urchin-like structures for enhanced adsorption performance. <i>Journal of the American Ceramic Society</i> , <b>2021</b> , 104, 1601-1610	3.8	1
212	Fabrication and energy absorption ability of 3D highly elastic sponge constructed by BN fiber balls. <i>Ceramics International</i> , <b>2021</b> , 47, 2874-2878	5.1	
211	Ultrafast water evaporation through graphene membranes with subnanometer pores for desalination. <i>Journal of Membrane Science</i> , <b>2021</b> , 621, 118934	9.6	15

210	Rapid Hard-Tissue-Embedding Method for Embedding Graphene Nanomaterials: A Multilayered Graphene Hydrogel Membrane. <i>Macromolecular Materials and Engineering</i> , <b>2021</b> , 306, 2000535	3.9	
209	Natural volatile oils derived from herbal medicines: A promising therapy way for treating depressive disorder. <i>Pharmacological Research</i> , <b>2021</b> , 164, 105376	10.2	30
208	A high-performance asymmetric supercapacitor-based (CuCo)Se/GA cathode and FeSe/GA anode with enhanced kinetics matching. <i>Nanoscale</i> , <b>2021</b> , 13, 6489-6498	7.7	9
207	Berberine remodels adipose tissue to attenuate metabolic disorders by activating sirtuin 3. <i>Acta Pharmacologica Sinica</i> , <b>2021</b> ,	8	4
206	Targeting Indoleamine 2,3-Dioxygenase 1: Fighting Cancers Dormancy Regulation. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 725204	8.4	0
205	CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. <i>Biochimie</i> , <b>2021</b> , 189, 65-75	4.6	1
204	Peptidylarginine deiminases 4 as a promising target in drug discovery. <i>European Journal of Medicinal Chemistry</i> , <b>2021</b> , 226, 113840	6.8	0
203	Free-standing graphene oxide mid-infrared polarizers. <i>Nanoscale</i> , <b>2020</b> , 12, 11480-11488	7.7	4
202	Beneficial restacking of 2D nanomaterials for electrocatalysis: a case of MoS membranes. <i>Chemical Communications</i> , <b>2020</b> , 56, 7005-7008	5.8	12
201	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> , <b>2020</b> , 1-19	11.5	12
200	Electrolyte gating in graphene-based supercapacitors and its use for probing nanoconfined charging dynamics. <i>Nature Nanotechnology</i> , <b>2020</b> , 15, 683-689	28.7	25
199	A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake. <i>International Journal of Nanomedicine</i> , <b>2020</b> , 15, 1481-1498	7.3	8
198	Synthetic HDL Nanoparticles Delivering Docetaxel and CpG for Chemoimmunotherapy of Colon Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	14
197	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> , <b>2020</b> , 256, 112790	5	11
196	Phospholipid Component Defines Pharmacokinetic and Pharmacodynamic Properties of Synthetic High-Density Lipoproteins. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2020</b> , 372, 193-204	4.7	6
195	Preparation a three-dimensional hierarchical graphene/stearic acid as a phase change materials for thermal energy storage. <i>Materials Research Express</i> , <b>2020</b> , 7, 095506	1.7	2
194	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> , <b>2020</b> , 48, 254-268	1.4	2
193	Solvation-Involved Nanoionics: New Opportunities from 2D Nanomaterial Lamina Membranes. <i>Advanced Materials</i> , <b>2020</b> , 32, e1904562	24	30

192	Pimarane Diterpenoids from the Seeds of as PTP1B Inhibitors and Insulin Sensitizers. <i>Molecules</i> , <b>2020</b> , 25,	4.8	3
191	Meta-Analysis on the Chinese Herbal Formula as a Complementary Therapy for Children With Acute Lower Respiratory Infections. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 496348	5.6	2
190	Overview of Pharmacokinetics and Liver Toxicities of Radix Polygoni Multiflori. <i>Toxins</i> , <b>2020</b> , 12,	4.9	4
189	Therapeutic Efficacy of Piperazine Ferulate Combined With Irbesartan in Diabetic Nephropathy: A Systematic Review and Meta-analysis. <i>Clinical Therapeutics</i> , <b>2020</b> , 42, 2196-2212	3.5	5
188	Chemical constituents from the fruits of L. and their vascular relaxation effect on rat mesenteric arteries. <i>Natural Product Research</i> , <b>2020</b> , 1-6	2.3	0
187	Functionalized Graphene@Gold Nanostar/Lipid for Pancreatic Cancer Gene and Photothermal Synergistic Therapy under Photoacoustic/Photothermal Imaging Dual-Modal Guidance. <i>Small</i> , <b>2020</b> , 16, e2003707	11	26
186	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> , <b>2019</b> , 43, 13873-13880	3.6	6
185	Rapid Identification of Berberine Metabolites in Rat Plasma by UHPLC-Q-TOF-MS. <i>Molecules</i> , <b>2019</b> , 24,	4.8	7
184	Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	9
183	A Phase Transformation-Resistant Electrode Enabled by a MnO <sub>2</sub> -Confined Effect for Enhanced Energy Storage. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901342	15.6	12
182	Graphene Oxide-Supported Catalyst with Thermoresponsive Smart Surface for Selective Hydrogenation of Cinnamaldehyde. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 16443-16451	9.5	15
181	A Dynamic Graphene Oxide Network Enables Spray Printing of Colloidal Gels for High-Performance Micro-Supercapacitors. <i>Advanced Materials</i> , <b>2019</b> , 31, e1804434	24	37
180	Electrochemically-derived graphene oxide membranes with high stability and superior ionic sieving. <i>Chemical Communications</i> , <b>2019</b> , 55, 4075-4078	5.8	15
179	Zwitterion Coordination Induced Highly Orientational Order of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> Perovskite Film Delivers a High Open Circuit Voltage Exceeding 1.2 V. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1901026	15.6	90
178	Ionic Liquid-Microwave-Based Extraction of Biflavonoids from. <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
177	Predicting drug release kinetics from nanocarriers inside dialysis bags. <i>Journal of Controlled Release</i> , <b>2019</b> , 315, 23-30	11.7	39
176	Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. <i>Aging</i> , <b>2019</b> , 11, 11084-11110	5.6	10
175	Electrochemical and mechanical performance of reduced graphene oxide, conductive hydrogel, and electrodeposited Pt-Ir coated electrodes: an active in vitro study. <i>Journal of Neural Engineering</i> , <b>2019</b> , 17, 016015	5	12

174	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> , <b>2019</b> , 7, 22550-22558	13	7
173	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. <i>Nanotoxicology</i> , <b>2019</b> , 13, 35-49	5.3	13
172	A Thieno[3,2-c]Isoquinolin-5(4H)-One Building Block for Efficient Thick-Film Solar Cells. <i>Advanced Energy Materials</i> , <b>2018</b> , 8, 1800397	21.8	33
171	Engineering graphene for high-performance supercapacitors: Enabling role of colloidal chemistry. <i>Journal of Energy Chemistry</i> , <b>2018</b> , 27, 1-5	12	16
170	An equivalent 1D nanochannel model to describe ion transport in multilayered graphene membranes. <i>Progress in Natural Science: Materials International</i> , <b>2018</b> , 28, 246-250	3.6	8
169	Ion-Transport Experiments to Probe the Nanostructure of Graphene/Polymer Membranes. <i>Small Methods</i> , <b>2018</b> , 2, 1800187	12.8	3
168	Structural Control of Graphene-Based Materials for Unprecedented Performance. <i>ACS Nano</i> , <b>2018</b> , 12, 5085-5092	16.7	35
167	Multifunctional Cellular Materials Based on 2D Nanomaterials: Prospects and Challenges. <i>Advanced Materials</i> , <b>2018</b> , 30, 1704850	24	30
166	Ionic Liquid?Ultrasound-Based Extraction of Biflavonoids from and Investigation of Their Antioxidant Activity. <i>Molecules</i> , <b>2018</b> , 23,	4.8	14
165	Effect of five novel 5-substituted tetrandrine derivatives on P-glycoprotein-mediated inhibition and transport in Caco-2 cells. <i>Oncology Letters</i> , <b>2018</b> , 16, 6808-6814	2.6	3
164	Oxidation resistance of nickel-based superalloy Inconel 600 in air at different temperatures. <i>Rare Metals</i> , <b>2018</b> , 40, 3235	5.5	2
163	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 10765-10770	7.8	6
162	Low-voltage electrostatic modulation of ion diffusion through layered graphene-based nanoporous membranes. <i>Nature Nanotechnology</i> , <b>2018</b> , 13, 685-690	28.7	134
161	Unique Structural Design and Strategies for Germanium-Based Anode Materials Toward Enhanced Lithium Storage. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700488	21.8	82
160	Detecting Subtle Vibrations Using Graphene-Based Cellular Elastomers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 11345-11349	9.5	24
159	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> , <b>2017</b> , 224, 382-389	8.5	26
158	Polymeric nanoparticles developed by vitamin E-modified aliphatic polycarbonate polymer to promote oral absorption of oleanolic acid. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 12, 586-593	9	5
157	Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005441	5	9

156	Extremely Low Density and Super-Compressible Graphene Cellular Materials. <i>Advanced Materials</i> , <b>2017</b> , 29, 1701553	24	90
155	Controlled Gelation of Graphene Towards Unprecedented Superstructures. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 13264-13269	4.8	4
154	Super-carbon spring: a biomimetic design. <i>Science China Materials</i> , <b>2017</b> , 60, 186-187	7.1	1
153	Novel synthetic strategy towards BaFCl and BaFCl:Eu <sup>2+</sup> nanofibers with photoluminescence properties. <i>Chemical Engineering Journal</i> , <b>2017</b> , 310, 91-101	14.7	17
152	Facile electrochemical approach for the production of graphite oxide with tunable chemistry. <i>Carbon</i> , <b>2017</b> , 112, 185-191	10.4	48
151	Super-high thermal conductivity of polyamide-6/graphene-graphene oxide composites through in situ polymerization. <i>High Performance Polymers</i> , <b>2017</b> , 29, 585-594	1.6	28
150	Optimization of Ionic Liquid-Assisted Extraction of Biflavonoids from <i>Selaginella doederleinii</i> and Evaluation of Its Antioxidant and Antitumor Activity. <i>Molecules</i> , <b>2017</b> , 22,	4.8	30
149	Comparison of the Responsivity of Solution-Suspended and Surface-Bound Poly(N-isopropylacrylamide)-Based Microgels for Sensing Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26539-26548	9.5	20
148	Graphene/titanium carbide composites prepared by sol-gel infiltration and spark plasma sintering. <i>Ceramics International</i> , <b>2016</b> , 42, 122-131	5.1	33
147	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> , <b>2016</b> , 160, 256-267	6.2	7
146	Mechanically-Assisted Electrochemical Production of Graphene Oxide. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 8429-8438	9.6	67
145	A New Strategy for Achieving a High Performance Anode for Lithium Ion Batteries Encapsulating Germanium Nanoparticles in Carbon Nanoboxes. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501666	21.8	95
144	Molecular dynamics simulations of the electric double layer capacitance of graphene electrodes in mono-valent aqueous electrolytes. <i>Nano Research</i> , <b>2016</b> , 9, 174-186	10	58
143	Ultrafast Dynamic Piezoresistive Response of Graphene-Based Cellular Elastomers. <i>Advanced Materials</i> , <b>2016</b> , 28, 194-200	24	142
142	Ion transport in complex layered graphene-based membranes with tuneable interlayer spacing. <i>Science Advances</i> , <b>2016</b> , 2, e1501272	14.3	167
141	Graphene Functionalized Scaffolds Reduce the Inflammatory Response and Supports Endogenous Neuroblast Migration when Implanted in the Adult Brain. <i>PLoS ONE</i> , <b>2016</b> , 11, e0151589	3.7	61
140	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , <b>2016</b> , 6, 1261-73	12.1	32
139	Robust Vacuum-/Air-Dried Graphene Aerogels and Fast Recoverable Shape-Memory Hybrid Foams. <i>Advanced Materials</i> , <b>2016</b> , 28, 1510-6	24	154

138	High-Rate and High-Volumetric Capacitance of Compact Graphene-Polyaniline Hydrogel Electrodes. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1600185	21.8	79
137	Multilayered Graphene Hydrogel Membranes for Guided Bone Regeneration. <i>Advanced Materials</i> , <b>2016</b> , 28, 4025-31	24	104
136	Giant third-order nonlinearity from low-loss electrochemical graphene oxide film with a high power stability. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 221105	3.4	33
135	Mechanical properties and microstructure of a graphene oxide/cement composite. <i>Cement and Concrete Composites</i> , <b>2015</b> , 58, 140-147	8.6	416
134	Silver-nanoparticle-based surface-enhanced Raman scattering wiper for the detection of dye adulteration of medicinal herbs. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 6031-9	4.4	25
133	Nrf2-mediated adaptive response to methyl glyoxal in HepG2 cells involves the induction of AKR7A2. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 234, 366-71	5	14
132	Highly efficient and ultra-broadband graphene oxide ultrathin lenses with three-dimensional subwavelength focusing. <i>Nature Communications</i> , <b>2015</b> , 6, 8433	17.4	88
131	Dynamic configuration of reduced graphene oxide in aqueous dispersion and its effect on thin film properties. <i>Chemical Communications</i> , <b>2015</b> , 51, 17760-3	5.8	2
130	Noncovalent Functionalization of Graphene Nanosheets with Cluster-Cored Star Polymers and Their Reinforced Polymer Coating. <i>ACS Macro Letters</i> , <b>2015</b> , 4, 974-978	6.6	22
129	Tuning the oxygen functional groups in reduced graphene oxide papers to enhance the electromechanical actuation. <i>RSC Advances</i> , <b>2015</b> , 5, 68052-68060	3.7	9
128	On-chip energy storage integrated with solar cells using a laser scribed graphene oxide film. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 031105	3.4	35
127	Enhanced optical nonlinearities of hybrid graphene oxide films functionalized with gold nanoparticles. <i>Applied Physics Letters</i> , <b>2015</b> , 107, 031112	3.4	30
126	Graphene-Directed Supramolecular Assembly of Multifunctional Polymer Hydrogel Membranes. <i>Advanced Functional Materials</i> , <b>2015</b> , 25, 126-133	15.6	62
125	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. <i>Journal of Materials in Civil Engineering</i> , <b>2015</b> , 27,	3	214
124	Scalable production of graphene via wet chemistry: progress and challenges. <i>Materials Today</i> , <b>2015</b> , 18, 73-78	21.8	209
123	Unique Urchin-like Ca <sub>2</sub> Ge <sub>7</sub> O <sub>16</sub> Hierarchical Hollow Microspheres as Anode Material for the Lithium Ion Battery. <i>Scientific Reports</i> , <b>2015</b> , 5, 11326	4.9	21
122	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> , <b>2015</b> , 38, 2737-45	3.4	5
121	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , <b>2015</b> , 5, 1154-65	12.1	26

120	Tuning Rheological Performance of Silica Concentrated Shear Thickening Fluid by Using Graphene Oxide. <i>Advances in Condensed Matter Physics</i> , <b>2015</b> , 2015, 1-5	1	29
119	Label-free electrochemical aptasensor constructed by layer-by-layer technology for sensitive and selective detection of cancer cells. <i>Analytica Chimica Acta</i> , <b>2015</b> , 882, 32-7	6.6	40
118	Nano-confined multi-synthesis of a LiMgNi nanocomposite towards low-temperature hydrogen storage with stable reversibility. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 12646-12652	13	20
117	Hierarchical porous LiMg(NH)@C nanowires with long cycle life towards stable hydrogen storage. <i>Scientific Reports</i> , <b>2014</b> , 4, 6599	4.9	10
116	SnSb@carbon nanocable anchored on graphene sheets for sodium ion batteries. <i>Nano Research</i> , <b>2014</b> , 7, 1466-1476	10	98
115	Functionalization of monolithic and porous three-dimensional graphene by one-step chitosan electrodeposition for enzymatic biosensor. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2014</b> , 6, 19997-20002	9.5	80
114	4-Hydroxynonenal induces an increase in expression of Receptor for Activating C Kinase 1 (RACK1) in Chinese hamster V79-4 lung cells. <i>Chemico-Biological Interactions</i> , <b>2014</b> , 213, 13-20	5	3
113	Aldo-keto reductase 7A5 (AKR7A5) attenuates oxidative stress and reactive aldehyde toxicity in V79-4 cells. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 707-14	3.6	13
112	Electrospinning: A Simple and Versatile Technique for Producing Ceramic Nanofibers and Nanotubes <b>2014</b> , 341-349		2
111	Optical Characterisation of Non-Covalent Interactions between Non-Conjugated Polymers and Chemically Converted Graphene. <i>Australian Journal of Chemistry</i> , <b>2014</b> , 67, 168	1.2	3
110	Mechanically robust, electrically conductive and stimuli-responsive binary network hydrogels enabled by superelastic graphene aerogels. <i>Advanced Materials</i> , <b>2014</b> , 26, 3333-7	24	157
109	Direct patterning of C-shape arrays on graphene oxide thin films using direct laser printing <b>2014</b> ,		2
108	TiO <sub>2</sub> nanoparticles on nitrogen-doped graphene as anode material for lithium ion batteries. <i>Journal of Nanoparticle Research</i> , <b>2013</b> , 15, 1	2.3	29
107	Dynamic electrosorption analysis: a viable liquid-phase characterization method for porous carbon?. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 9332	13	8
106	Bio-inspired two-dimensional nanofluidic generators based on a layered graphene hydrogel membrane. <i>Advanced Materials</i> , <b>2013</b> , 25, 6064-8	24	191
105	Significantly enhanced water flux in forward osmosis desalination with polymer-graphene composite hydrogels as a draw agent. <i>RSC Advances</i> , <b>2013</b> , 3, 887-894	3.7	85
104	Dynamic electrosorption analysis as an effective means to characterise the structure of bulk graphene assemblies. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3082-9	4.8	16
103	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> , <b>2013</b> , 1, 14115	13	72



102	Liquid-mediated dense integration of graphene materials for compact capacitive energy storage. <i>Science</i> , <b>2013</b> , 341, 534-7	33.3	1473
101	Smart draw agents for emerging forward osmosis application. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14049	13	62
100	UV-assisted production of ferromagnetic graphitic quantum dots from graphite. <i>Carbon</i> , <b>2013</b> , 57, 346-356.4	25	
99	Fast and green synthesis of flexible free-standing silver nanoparticles on graphene substrates and their surface-enhanced Raman scattering activity. <i>RSC Advances</i> , <b>2013</b> , 3, 23236	3.7	12
98	Controlling the assembly of graphene oxide by an electrolyte-assisted approach. <i>Nanoscale</i> , <b>2013</b> , 5, 6458-63	7.7	10
97	Effect of cationic polyacrylamides on the aggregation and SERS performance of gold nanoparticles-treated paper. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 392, 237-246	9.3	52
96	Formation of polyelectrolyte-gold nanoparticle necklaces on paper. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 405, 71-7	9.3	7
95	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> , <b>2013</b> , 420, 46-52	5.1	14
94	Self-Supporting Graphene Hydrogel Film as an Experimental Platform to Evaluate the Potential of Graphene for Bone Regeneration. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 3494-3502	15.6	100
93	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> , <b>2013</b> , 3, 3391	3.7	43
92	Revisiting the capacitance of polyaniline by using graphene hydrogel films as a substrate: the importance of nano-architecturing. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 477-481	35.4	178
91	Facile fabrication of nanoparticles confined in graphene films and their electrochemical properties. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 7631-6	4.8	19
90	Enhanced rate performance of cobalt oxide/nitrogen doped graphene composite for lithium ion batteries. <i>RSC Advances</i> , <b>2013</b> , 3, 5003	3.7	42
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