Dan Li

List of Publications by Citations

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	Processable aqueous dispersions of graphene nanosheets. *Nature Nanotechnology*, **2008**, 3, 101-5	28.7	7729
226	Mechanically Strong, Electrically Conductive, and Biocompatible Graphene Paper. *Advanced Materials*, **2008**, 20, 3557-3561	24	1665
225	Liquid-mediated dense integration of graphene materials for compact capacitive energy storage. *Science*, **2013**, 341, 534-7	33.3	1473
224	Materials science. Graphene-based materials. *Science*, **2008**, 320, 1170-1	33.3	1257
223	Electrospinning of Polymeric and Ceramic Nanofibers as Uniaxially Aligned Arrays. *Nano Letters*, **2003**, 3, 1167-1171	11.5	1256
222	Fabrication of Titania Nanofibers by Electrospinning. *Nano Letters*, **2003**, 3, 555-560	11.5	1090
221	Direct Fabrication of Composite and Ceramic Hollow Nanofibers by Electrospinning. *Nano Letters*, **2004**, 4, 933-938	11.5	1049
220	Biomimetic superelastic graphene-based cellular monoliths. *Nature Communications*, **2012**, 3, 1241	17.4	933
219	Bioinspired effective prevention of restacking in multilayered graphene films: towards the next generation of high-performance supercapacitors. *Advanced Materials*, **2011**, 23, 2833-8	24	888
218	Polyaniline nanofibers: a unique polymer nanostructure for versatile applications. *Accounts of Chemical Research*, **2009**, 42, 135-45	24.3	832
217	Electrochemical Properties of Graphene Paper Electrodes Used in Lithium Batteries. *Chemistry of Materials*, **2009**, 21, 2604-2606	9.6	514
216	Shape and aggregation control of nanoparticles: not shaken, not stirred. *Journal of the American Chemical Society*, **2006**, 128, 968-75	16.4	437
215	One-Dimensional Conducting Polymer Nanostructures: Bulk Synthesis and Applications. *Advanced Materials*, **2009**, 21, 1487-1499	24	422
214	Mechanical properties and microstructure of a graphene oxide□cement composite. *Cement and Concrete Composites*, **2015**, 58, 140-147	8.6	416
213	Electrospinning: A Simple and Versatile Technique for Producing Ceramic Nanofibers and Nanotubes. *Journal of the American Ceramic Society*, **2006**, 89, 1861-1869	3.8	400
212	Graphene/Polyaniline Nanocomposite for Hydrogen Sensing. *Journal of Physical Chemistry C*, **2010**, 114, 16168-16173	3.8	387
211	Electrospinning of nanofibers with core-sheath, hollow, or porous structures. *Journal of Materials Chemistry*, **2005**, 15, 735		359

210	Collecting electrospun nanofibers with patterned electrodes. *Nano Letters*, **2005**, 5, 913-6	11.5	343
209	Dispersing carbon nanotubes with graphene oxide in water and synergistic effects between graphene derivatives. *Chemistry - A European Journal*, **2010**, 16, 10653-8	4.8	327
208	Controllable corrugation of chemically converted graphene sheets in water and potential application for nanofiltration. *Chemical Communications*, **2011**, 47, 5810-2	5.8	277
207	Ordered gelation of chemically converted graphene for next-generation electroconductive hydrogel films. *Angewandte Chemie - International Edition*, **2011**, 50, 7325-8	16.4	260
206	V2O5 nanorods on TiO2 nanofibers: a new class of hierarchical nanostructures enabled by electrospinning and calcination. *Nano Letters*, **2006**, 6, 1297-302	11.5	259
205	Use of electrospinning to directly fabricate hollow nanofibers with functionalized inner and outer surfaces. *Small*, **2005**, 1, 83-6	11	237
204	Stimuli-responsive polymer hydrogels as a new class of draw agent for forward osmosis desalination. *Chemical Communications*, **2011**, 47, 1710-2	5.8	227
203	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. *Journal of Materials in Civil Engineering*, **2015**, 27,	3	214
202	Electrospun Nanofibers of Blends of Conjugated Polymers: Morphology, Optical Properties, and Field-Effect Transistors. *Macromolecules*, **2005**, 38, 4705-4711	5.5	213
201	Magnetic nanofibers of nickel ferrite prepared by electrospinning. *Applied Physics Letters*, **2003**, 83, 4586-4588	3.4	212
200	Scalable production of graphene via wet chemistry: progress and challenges. *Materials Today*, **2015**, 18, 73-78	21.8	209
199	Highly dispersed CuO nanoparticles prepared by a novel quick-precipitation method. *Materials Letters*, **2004**, 58, 3324-3327	3.3	207
198	Solar evaporation enhancement using floating light-absorbing magnetic particles. *Energy and Environmental Science*, **2011**, 4, 4074	35.4	200
197	Thermosensitive graphene nanocomposites formed using pyrene-terminal polymers made by RAFT polymerization. *Journal of Polymer Science Part A*, **2010**, 48, 425-433	2.5	193
196	Solvated graphenes: an emerging class of functional soft materials. *Advanced Materials*, **2013**, 25, 13-30	24	192
195	Fabrication and characterization of polyaniline-based gas sensor by ultra-thin film technology. *Sensors and Actuators B: Chemical*, **2002**, 81, 158-164	8.5	192
194	Bio-inspired two-dimensional nanofluidic generators based on a layered graphene hydrogel membrane. *Advanced Materials*, **2013**, 25, 6064-8	24	191
193	Gold nanoparticle-paper as a three-dimensional surface enhanced Raman scattering substrate. *Langmuir*, **2012**, 28, 8782-90	4	190

192	Synthesis, characterization, and multilayer assembly of pH sensitive graphene-polymer nanocomposites. *Langmuir*, **2010**, 26, 10068-75	4	183
191	Revisiting the capacitance of polyaniline by using graphene hydrogel films as a substrate: the importance of nano-architecturing. *Energy and Environmental Science*, **2013**, 6, 477-481	35.4	178
190	Direct electro-deposition of graphene from aqueous suspensions. *Physical Chemistry Chemical Physics*, **2011**, 13, 9187-93	3.6	172
189	Ion transport in complex layered graphene-based membranes with tuneable interlayer spacing. *Science Advances*, **2016**, 2, e1501272	14.3	167
188	Mechanically robust, electrically conductive and stimuli-responsive binary network hydrogels enabled by superelastic graphene aerogels. *Advanced Materials*, **2014**, 26, 3333-7	24	157
187	Robust Vacuum-/Air-Dried Graphene Aerogels and Fast Recoverable Shape-Memory Hybrid Foams. *Advanced Materials*, **2016**, 28, 1510-6	24	154
186	Label-free electrochemical impedance sensing of DNA hybridization based on functionalized graphene sheets. *Chemical Communications*, **2011**, 47, 1743-5	5.8	151
185	Ultrafast Dynamic Piezoresistive Response of Graphene-Based Cellular Elastomers. *Advanced Materials*, **2016**, 28, 194-200	24	142
184	Paper surfaces functionalized by nanoparticles. *Advances in Colloid and Interface Science*, **2011**, 163, 23-38	14.3	141
183	Comparative studies on electrochemical activity of graphene nanosheets and carbon nanotubes. *Electrochemistry Communications*, **2009**, 11, 1892-1895	5.1	135
182	Processable stabilizer-free polyaniline nanofiber aqueous colloids. *Chemical Communications*, **2005**, 3286-8	5.8	134
181	Low-voltage electrostatic modulation of ion diffusion through layered graphene-based nanoporous membranes. *Nature Nanotechnology*, **2018**, 13, 685-690	28.7	134
180	Carbon nanotube/graphene nanocomposite as efficient counter electrodes in dye-sensitized solar cells. *Nanotechnology*, **2012**, 23, 085201	3.4	125
179	Photocatalytic deposition of gold nanoparticles on electrospun nanofibers of titania. *Chemical Physics Letters*, **2004**, 394, 387-391	2.5	123
178	Composite polymer hydrogels as draw agents in forward osmosis and solar dewatering. *Soft Matter* , **2011**, 7, 10048	3.6	120
177	Rapid Synthesis of Nanocrystalline TiO2/SnO2 Binary Oxides and Their Photoinduced Decomposition of Methyl Orange. *Journal of Solid State Chemistry*, **2002**, 165, 193-198	3.3	115
176	Multilayered Graphene Hydrogel Membranes for Guided Bone Regeneration. *Advanced Materials*, **2016**, 28, 4025-31	24	104
175	Direct fabrication of enzyme-carrying polymer nanofibers by electrospinning. *Journal of Materials Chemistry*, **2005**, 15, 3241		102

174	Self-Supporting Graphene Hydrogel Film as an Experimental Platform to Evaluate the Potential of Graphene for Bone Regeneration. *Advanced Functional Materials*, **2013**, 23, 3494-3502	15.6	100
173	SnSb@carbon nanocable anchored on graphene sheets for sodium ion batteries. *Nano Research*, **2014**, 7, 1466-1476	10	98
172	A New Strategy for Achieving a High Performance Anode for Lithium Ion Batteries Encapsulating Germanium Nanoparticles in Carbon Nanoboxes. *Advanced Energy Materials*, **2016**, 6, 1501666	21.8	95
171	Green-synthesized gold nanoparticles decorated graphene sheets for label-free electrochemical impedance DNA hybridization biosensing. *Biosensors and Bioelectronics*, **2011**, 26, 4355-61	11.8	91
170	Zwitterion Coordination Induced Highly Orientational Order of CH3NH3PbI3 Perovskite Film Delivers a High Open Circuit Voltage Exceeding 1.2 V. *Advanced Functional Materials*, **2019**, 29, 1901026	15.6	90
169	Extremely Low Density and Super-Compressible Graphene Cellular Materials. *Advanced Materials*, **2017**, 29, 1701553	24	90
168	Highly efficient and ultra-broadband graphene oxide ultrathin lenses with three-dimensional subwavelength focusing. *Nature Communications*, **2015**, 6, 8433	17.4	88
167	Significantly enhanced water flux in forward osmosis desalination with polymer-graphene composite hydrogels as a draw agent. *RSC Advances*, **2013**, 3, 887-894	3.7	85
166	Preparation and performance of high-impact polystyrene (HIPS)/nano-TiO2 nanocomposites. *Journal of Applied Polymer Science*, **2003**, 87, 381-385	2.9	83
165	Unique Structural Design and Strategies for Germanium-Based Anode Materials Toward Enhanced Lithium Storage. *Advanced Energy Materials*, **2017**, 7, 1700488	21.8	82
164	Functionalization of monolithic and porous three-dimensional graphene by one-step chitosan electrodeposition for enzymatic biosensor. *ACS Applied Materials & Interfaces*, **2014**, 6, 19997-20002	9.5	80
163	Nonlinear Optical Transmission of Nanographene and Its Composites. *Journal of Physical Chemistry C*, **2010**, 114, 12517-12523	3.8	80
162	High-Rate and High-Volumetric Capacitance of Compact Graphene Polyaniline Hydrogel Electrodes. *Advanced Energy Materials*, **2016**, 6, 1600185	21.8	79
161	Electrospinning of polycrystalline barium titanate nanofibers with controllable morphology and alignment. *Chemical Physics Letters*, **2006**, 424, 162-166	2.5	75
160	Method to impart electro- and biofunctionality to neural scaffolds using graphene-polyelectrolyte multilayers. *ACS Applied Materials & Interfaces*, **2012**, 4, 4524-31	9.5	74
159	Cubes of zeolite A with an amorphous core. *Angewandte Chemie - International Edition*, **2008**, 47, 8397-9	16.4	74
158	A unique sandwich-structured C/Ge/graphene nanocomposite as an anode material for high power lithium ion batteries. *Journal of Materials Chemistry A*, **2013**, 1, 14115	13	72
157	How nucleation affects the aggregation of nanoparticles. *Journal of Materials Chemistry*, **2007**, 17, 2279		72

156	Mechanically-Assisted Electrochemical Production of Graphene Oxide. *Chemistry of Materials*, **2016**, 28, 8429-8438	9.6	67
155	Graphene-Directed Supramolecular Assembly of Multifunctional Polymer Hydrogel Membranes. *Advanced Functional Materials*, **2015**, 25, 126-133	15.6	62
154	Smart draw agents for emerging forward osmosis application. *Journal of Materials Chemistry A*, **2013**, 1, 14049	13	62
153	Interfacing colloidal graphene oxide sheets with gold nanoparticles. *Chemistry - A European Journal*, **2011**, 17, 5958-64	4.8	61
152	Graphene Functionalized Scaffolds Reduce the Inflammatory Response and Supports Endogenous Neuroblast Migration when Implanted in the Adult Brain. *PLoS ONE*, **2016**, 11, e0151589	3.7	61
151	Molecular dynamics simulations of the electric double layer capacitance of graphene electrodes in mono-valent aqueous electrolytes. *Nano Research*, **2016**, 9, 174-186	10	58
150	Effect of cationic polyacrylamides on the aggregation and SERS performance of gold nanoparticles-treated paper. *Journal of Colloid and Interface Science*, **2013**, 392, 237-246	9.3	52
149	A facile method for preparation of graphene film electrodes with tailor-made dimensions with Vaseline as the insulating binder. *Electrochemistry Communications*, **2009**, 11, 1912-1915	5.1	50
148	Facile electrochemical approach for the production of graphite oxide with tunable chemistry. *Carbon*, **2017**, 112, 185-191	10.4	48
147	Novel composite graphene/platinum electro-catalytic electrodes prepared by electrophoretic deposition from colloidal solutions. *Electrochimica Acta*, **2012**, 60, 213-223	6.7	44
146	Capillary zone electrophoresis of graphene oxide and chemically converted graphene. *Journal of Chromatography A*, **2010**, 1217, 7593-7	4.5	44
145	Transparent and conductive reduced graphene oxide/silver nanoparticles multilayer film obtained by electrical self-assembly process with graphene oxide sheets and silver colloid. *RSC Advances*, **2013**, 3, 3391	3.7	43
144	Electrostatic self-assembly of graphene–silver multilayer films and their transmittance and electronic conductivity. *Carbon*, **2012**, 50, 4343-4350	10.4	42
143	Enhanced rate performance of cobalt oxide/nitrogen doped graphene composite for lithium ion batteries. *RSC Advances*, **2013**, 3, 5003	3.7	42
142	The synergetic effect of N-doped graphene and silver nanowires for high electrocatalytic performance in the oxygen reduction reaction. *RSC Advances*, **2013**, 3, 11552	3.7	41
141	Label-free electrochemical aptasensor constructed by layer-by-layer technology for sensitive and selective detection of cancer cells. *Analytica Chimica Acta*, **2015**, 882, 32-7	6.6	40
140	Predicting drug release kinetics from nanocarriers inside dialysis bags. *Journal of Controlled Release* , **2019**, 315, 23-30	11.7	39
139	A Dynamic Graphene Oxide Network Enables Spray Printing of Colloidal Gels for High-Performance Micro-Supercapacitors. *Advanced Materials*, **2019**, 31, e1804434	24	37

138	Study on the synthesis and ion-exchange properties of layered titanate Na2Ti3O7 powders with different sizes. *Journal of Materials Science*, **2003**, 38, 2907-2911	4.3	36
137	On-chip energy storage integrated with solar cells using a laser scribed graphene oxide film. *Applied Physics Letters*, **2015**, 107, 031105	3.4	35
136	Structural Control of Graphene-Based Materials for Unprecedented Performance. *ACS Nano*, **2018**, 12, 5085-5092	16.7	35
135	Growth of zeolite crystals with graphene oxide nanosheets. *Chemical Communications*, **2012**, 48, 2249-51	5.8	34
134	Graphene/titanium carbide composites prepared by sol–gel infiltration and spark plasma sintering. *Ceramics International*, **2016**, 42, 122-131	5.1	33
133	A Thieno[3,2-c]Isoquinolin-5(4H)-One Building Block for Efficient Thick-Film Solar Cells. *Advanced Energy Materials*, **2018**, 8, 1800397	21.8	33
132	Giant third-order nonlinearity from low-loss electrochemical graphene oxide film with a high power stability. *Applied Physics Letters*, **2016**, 109, 221105	3.4	33
131	Enhanced electrochemical properties of LiFePO4 by Mo-substitution and graphitic carbon-coating via a facile and fast microwave-assisted solid-state reaction. *Physical Chemistry Chemical Physics*, **2012**, 14, 3634-9	3.6	32
130	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. *Theranostics*, **2016**, 6, 1261-73	12.1	32
129	Enhanced optical nonlinearities of hybrid graphene oxide films functionalized with gold nanoparticles. *Applied Physics Letters*, **2015**, 107, 031112	3.4	30
128	Optimization of Ionic Liquid-Assisted Extraction of Biflavonoids from Selaginella doederleinii and Evaluation of Its Antioxidant and Antitumor Activity. *Molecules*, **2017**, 22,	4.8	30
127	Solvation-Involved Nanoionics: New Opportunities from 2D Nanomaterial Laminar Membranes. *Advanced Materials*, **2020**, 32, e1904562	24	30
126	Natural volatile oils derived from herbal medicines: A promising therapy way for treating depressive disorder. *Pharmacological Research*, **2021**, 164, 105376	10.2	30
125	Multifunctional Cellular Materials Based on 2D Nanomaterials: Prospects and Challenges. *Advanced Materials*, **2018**, 30, 1704850	24	30
124	TiO2 nanoparticles on nitrogen-doped graphene as anode material for lithium ion batteries. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	29
123	Tuning Rheological Performance of Silica Concentrated Shear Thickening Fluid by Using Graphene Oxide. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-5	1	29
122	Fabrication of self-assembled polyaniline films by doping-induced deposition. *Thin Solid Films*, **2000**, 360, 24-27	2.2	29
121	Super-high thermal conductivity of polyamide-6/graphene-graphene oxide composites through in situ polymerization. *High Performance Polymers*, **2017**, 29, 585-594	1.6	28

120	Chromatographic separation and detection of contaminants from whole milk powder using a chitosan-modified silver nanoparticles surface-enhanced Raman scattering device. *Food Chemistry*, **2017**, 224, 382-389	8.5	26
119	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. *Theranostics*, **2015**, 5, 1154-65	12.1	26
118	Functionalized Graphene@Gold Nanostar/Lipid for Pancreatic Cancer Gene and Photothermal Synergistic Therapy under Photoacoustic/Photothermal Imaging Dual-Modal Guidance. *Small*, **2020**, 16, e2003707	11	26
117	Silver-nanoparticle-based surface-enhanced Raman scattering wiper for the detection of dye adulteration of medicinal herbs. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 6031-9	4.4	25
116	Electrolyte gating in graphene-based supercapacitors and its use for probing nanoconfined charging dynamics. *Nature Nanotechnology*, **2020**, 15, 683-689	28.7	25
115	UV-assisted production of ferromagnetic graphitic quantum dots from graphite. *Carbon*, **2013**, 57, 346-356	6.4	25
114	Capturing electrified nanodroplets under Rayleigh instability by coupling electrospray with a sol–gel reaction. *Chemical Physics Letters*, **2007**, 445, 271-275	2.5	25
113	Synthesis of substituted M- and W-type barium ferrite nanostructured powders by stearic acid gel method. *Journal of Alloys and Compounds*, **1996**, 237, 45-48	5.7	25
112	Detecting Subtle Vibrations Using Graphene-Based Cellular Elastomers. *ACS Applied Materials & Interfaces*, **2017**, 9, 11345-11349	9.5	24
111	Noncovalent Functionalization of Graphene Nanosheets with Cluster-Cored Star Polymers and Their Reinforced Polymer Coating. *ACS Macro Letters*, **2015**, 4, 974-978	6.6	22
110	Evaporation-induced flattening and self-assembly of chemically converted graphene on a solid surface. *Soft Matter*, **2011**, 7, 8745	3.6	22
109	Zeolite crystallization in crosslinked chitosan hydrogels: Crystal size control and chitosan removal. *Microporous and Mesoporous Materials*, **2008**, 116, 416-423	5.3	22
108	Unique Urchin-like Ca2Ge7O16 Hierarchical Hollow Microspheres as Anode Material for the Lithium Ion Battery. *Scientific Reports*, **2015**, 5, 11326	4.9	21
107	Ordered Gelation of Chemically Converted Graphene for Next-Generation Electroconductive Hydrogel Films. *Angewandte Chemie*, **2011**, 123, 7463-7466	3.6	21
106	Nano-confined multi-synthesis of a Li–Mg–N–H nanocomposite towards low-temperature hydrogen storage with stable reversibility. *Journal of Materials Chemistry A*, **2015**, 3, 12646-12652	13	20
105	Synthesis and intercalation properties of nanoscale layered tetratitanate. *Journal of Materials Chemistry*, **2002**, 12, 1796-1799		20
104	Comparison of the Responsivity of Solution-Suspended and Surface-Bound Poly(N-isopropylacrylamide)-Based Microgels for Sensing Applications. *ACS Applied Materials & Interfaces*, **2017**, 9, 26539-26548	9.5	20
103	Facile fabrication of nanoparticles confined in graphene films and their electrochemical properties. *Chemistry - A European Journal*, **2013**, 19, 7631-6	4.8	19

102	Dispersion of carbon nanotubes in aqueous solutions containing poly(diallyldimethylammonium chloride). *Journal of Materials Science Letters*, **2003**, 22, 253-255		19
101	Novel synthetic strategy towards BaFCl and BaFCl:Eu2+ nanofibers with photoluminescence properties. *Chemical Engineering Journal*, **2017**, 310, 91-101	14.7	17
100	Microwave-assisted Synthesis of Flower-like Structure ?-MnO2 as Cathode for Lithium Ion Batteries. *Journal of the Chinese Chemical Society*, **2012**, 59, 1211-1215	1.5	17
99	Fabrication of a prototype humidity-sensitive capacitor via layer-by-layer self-assembling technique. *Materials Science and Engineering C*, **2000**, 11, 117-119	8.3	17
98	Engineering graphene for high-performance supercapacitors: Enabling role of colloidal chemistry. *Journal of Energy Chemistry*, **2018**, 27, 1-5	12	16
97	Dynamic electrosorption analysis as an effective means to characterise the structure of bulk graphene assemblies. *Chemistry - A European Journal*, **2013**, 19, 3082-9	4.8	16
96	Synthesis and microstructural control of nanocrystalline titania powders via a stearic acid method. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2002**, 328, 108-112	5.3	16
95	Graphene Oxide-Supported Catalyst with Thermoresponsive Smart Surface for Selective Hydrogenation of Cinnamaldehyde. *ACS Applied Materials & Interfaces*, **2019**, 11, 16443-16451	9.5	15
94	Electrochemically-derived graphene oxide membranes with high stability and superior ionic sieving. *Chemical Communications*, **2019**, 55, 4075-4078	5.8	15
93	Magnetic behavior of reduced graphene oxide/metal nanocomposites. *Journal of Applied Physics*, **2013**, 113, 17B525	2.5	15
92	Ultrafast water evaporation through graphene membranes with subnanometer pores for desalination. *Journal of Membrane Science*, **2021**, 621, 118934	9.6	15
91	Nrf2-mediated adaptive response to methyl glyoxal in HepG2 cells involves the induction of AKR7A2. *Chemico-Biological Interactions*, **2015**, 234, 366-71	5	14
90	Synthetic HDL Nanoparticles Delivering Docetaxel and CpG for Chemoimmunotherapy of Colon Adenocarcinoma. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	14
89	Effect of cationic polyacrylamide dissolution on the adsorption state of gold nanoparticles on paper and their Surface Enhanced Raman Scattering properties. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 420, 46-52	5.1	14
88	Assembling of graphene oxide in an isolated dissolving droplet. *Soft Matter*, **2012**, 8, 11249	3.6	14
87	Ionic Liquid?Ultrasound-Based Extraction of Biflavonoids from and Investigation of Their Antioxidant Activity. *Molecules*, **2018**, 23,	4.8	14
86	Aldo-keto reductase 7A5 (AKR7A5) attenuates oxidative stress and reactive aldehyde toxicity in V79-4 cells. *Toxicology in Vitro*, **2014**, 28, 707-14	3.6	13
85	Proteomic profiling of RAW264.7 macrophage cells exposed to graphene oxide: insights into acute cellular responses. *Nanotoxicology*, **2019**, 13, 35-49	5.3	13

84	A Phase Transformation-Resistant Electrode Enabled by a MnO2-Confined Effect for Enhanced Energy Storage. *Advanced Functional Materials*, **2019**, 29, 1901342	15.6	12
83	Beneficial restacking of 2D nanomaterials for electrocatalysis: a case of MoS membranes. *Chemical Communications*, **2020**, 56, 7005-7008	5.8	12
82	Natural constituents from food sources as therapeutic agents for obesity and metabolic diseases targeting adipose tissue inflammation. *Critical Reviews in Food Science and Nutrition*, **2020**, 1-19	11.5	12
81	Fast and green synthesis of flexible free-standing silver nanoparticles□graphene substrates and their surface-enhanced Raman scattering activity. *RSC Advances*, **2013**, 3, 23236	3.7	12
80	Hydrothermal synthesis of AlPO4-5: Effect of precursor gel preparation on the morphology of crystals. *Progress in Natural Science: Materials International*, **2012**, 22, 684-692	3.6	12
79	Electrochemical and mechanical performance of reduced graphene oxide, conductive hydrogel, and electrodeposited Pt-Ir coated electrodes: an active in vitro study. *Journal of Neural Engineering*, **2019**, 17, 016015	5	12
78	The vascular dilatation induced by Hydroxysafflor yellow A (HSYA) on rat mesenteric artery through TRPV4-dependent calcium influx in endothelial cells. *Journal of Ethnopharmacology*, **2020**, 256, 112790	5	11
77	Theoretical studies of the structural, electronic, and optical properties of Cu2HgGeS4. *Physica Status Solidi (B): Basic Research*, **2012**, 249, 2202-2206	1.3	11
76	Rapid preparation of porous Fe2O3/SiO2 nanocomposites via an organic precursor. *Materials Research Bulletin*, **2001**, 36, 2437-2442	5.1	11
75	Hierarchical porous Li□Mg(NH)□@C nanowires with long cycle life towards stable hydrogen storage. *Scientific Reports*, **2014**, 4, 6599	4.9	10
74	Controlling the assembly of graphene oxide by an electrolyte-assisted approach. *Nanoscale*, **2013**, 5, 6458-63	7.7	10
73	Stitching chemically converted graphene on solid surfaces by solvent evaporation. *ACS Applied Materials & Interfaces*, **2012**, 4, 6443-9	9.5	10
72	□Mangostin remodels visceral adipose tissue inflammation to ameliorate age-related metabolic disorders in mice. *Aging*, **2019**, 11, 11084-11110	5.6	10
71	Peptosome Coadministration Improves Nanoparticle Delivery to Tumors through NRP1-Mediated Co-Endocytosis. *Biomolecules*, **2019**, 9,	5.9	9
70	Tuning the oxygen functional groups in reduced graphene oxide papers to enhance the electromechanical actuation. *RSC Advances*, **2015**, 5, 68052-68060	3.7	9
69	Peptide probes derived from pertuzumab by molecular dynamics modeling for HER2 positive tumor imaging. *PLoS Computational Biology*, **2017**, 13, e1005441	5	9
68	Multilayered graphene membrane as an experimental platform to probe nano-confined electrosorption. *Progress in Natural Science: Materials International*, **2012**, 22, 668-672	3.6	9
67	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation.. *Journal of the American Chemical Society*, **2022**,	16.4	9

66	A high-performance asymmetric supercapacitor-based (CuCo)Se/GA cathode and FeSe/GA anode with enhanced kinetics matching. *Nanoscale*, **2021**, 13, 6489-6498	7.7	9
65	A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake. *International Journal of Nanomedicine*, **2020**, 15, 1481-1498	7.3	8
64	An equivalent 1D nanochannel model to describe ion transport in multilayered graphene membranes. *Progress in Natural Science: Materials International*, **2018**, 28, 246-250	3.6	8
63	Ionic Liquid-Microwave-Based Extraction of Biflavonoids from. *Molecules*, **2019**, 24,	4.8	8
62	Dynamic electrosorption analysis: a viable liquid-phase characterization method for porous carbon?. *Journal of Materials Chemistry A*, **2013**, 1, 9332	13	8
61	Enhanced Electrochemical Performance of MoS2 for Lithium Ion Batteries by Simple Chemical Lithiation. *Journal of the Chinese Chemical Society*, **2012**, 59, 1196-1200	1.5	8
60	Rapid Identification of Berberine Metabolites in Rat Plasma by UHPLC-Q-TOF-MS. *Molecules*, **2019**, 24,	4.8	7
59	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. *Talanta* , **2016**, 160, 256-267	6.2	7
58	Formation of polyelectrolyte-gold nanoparticle necklaces on paper. *Journal of Colloid and Interface Science*, **2013**, 405, 71-7	9.3	7
57	A novel technique to prepare ultrafine Fe2O3 via hydrated iron(III) nitrate. *Journal of Materials Science Letters*, **1997**, 16, 493-495		7
56	First principles calculations of the magnetic properties of Fe□N systems. *Physica Status Solidi (B): Basic Research*, **2008**, 245, 2581-2585	1.3	7
55	Constructing high-performance 3D porous self-standing electrodes with various morphologies and shapes by a flexible phase separation-derived method. *Journal of Materials Chemistry A*, **2019**, 7, 22550-22558	13	7
54	Graphene Elastomer Electrodes for Medical Sensing Applications: Combining High Sensitivity, Low Noise and Excellent Skin Compatibility to Enable Continuous Medical Monitoring. *IEEE Sensors Journal*, **2021**, 21, 13967-13975	4	7
53	A fast response TLC-SERS substrate for on-site detection of hydrophilic and hydrophobic adulterants in botanical dietary supplements. *New Journal of Chemistry*, **2019**, 43, 13873-13880	3.6	6
52	Phospholipid Component Defines Pharmacokinetic and Pharmacodynamic Properties of Synthetic High-Density Lipoproteins. *Journal of Pharmacology and Experimental Therapeutics*, **2020**, 372, 193-204	4.7	6
51	Effect of particle size of starting material TiO2 on morphology and properties of layered titanates. *Materials Letters*, **2001**, 50, 230-234	3.3	6
50	Biocompatibility of Bacterial Magnetosomes as MRI Contrast Agent: A Long-Term In Vivo Follow-Up Study. *Nanomaterials*, **2021**, 11,	5.4	6
49	Simulation Strategies for Characterizing Phosphodiesterase-5 Inhibitors in Botanical Dietary Supplements. *Analytical Chemistry*, **2018**, 90, 10765-10770	7.8	6

48	Polymeric nanoparticles developed by vitamin E-modified aliphatic polycarbonate polymer to promote oral absorption of oleanolic acid. *Asian Journal of Pharmaceutical Sciences*, **2017**, 12, 586-593	9	5
47	Hydrophobic-hydrophilic monolithic dual-phase layer for two-dimensional thin-layer chromatography coupled with surface-enhanced Raman spectroscopy detection. *Journal of Separation Science*, **2015**, 38, 2737-45	3.4	5
46	Therapeutic Efficacy of Piperazine Ferulate Combined With Irbesartan in Diabetic Nephropathy: A Systematic Review and Meta-analysis. *Clinical Therapeutics*, **2020**, 42, 2196-2212	3.5	5
45	Free-standing graphene oxide mid-infrared polarizers. *Nanoscale*, **2020**, 12, 11480-11488	7.7	4
44	Controlled Gelation of Graphene Towards Unprecedented Superstructures. *Chemistry - A European Journal*, **2017**, 23, 13264-13269	4.8	4
43	Uniaxial Alignment of Electrospun Nanofibers. *ACS Symposium Series*, **2006**, 319-329	0.4	4
42	Modifying substrate surfaces with self-assembled polyelectrolyte layers to promote the formation of uniform polypyrrole films. *Applied Surface Science*, **2001**, 183, 259-263	6.7	4
41	A simple approach to enhance the deposition of polyaniline films with self-assembled polyelectrolyte layers. *Journal of Materials Science Letters*, **2001**, 20, 1925-1928		4
40	Overview of Pharmacokinetics and Liver Toxicities of Radix Polygoni Multiflori. *Toxins*, **2020**, 12,	4.9	4
39	Berberine remodels adipose tissue to attenuate metabolic disorders by activating sirtuin 3. *Acta Pharmacologica Sinica*, **2021**,	8	4
38	New Structural Insights into Densely Assembled Reduced Graphene Oxide Membranes. *Advanced Functional Materials*,2201535	15.6	4
37	Ion-Transport Experiments to Probe the Nanostructure of Graphene/Polymer Membranes. *Small Methods*, **2018**, 2, 1800187	12.8	3
36	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	5	3
35	Optical Characterisation of Non-Covalent Interactions between Non-Conjugated Polymers and Chemically Converted Graphene. *Australian Journal of Chemistry*, **2014**, 67, 168	1.2	3
34	Formation of regular stripes of chemically converted graphene on hydrophilic substrates. *ACS Applied Materials & Interfaces*, **2013**, 5, 6176-81	9.5	3
33	Synthesis of ultrafine Fe2O3 powders by decomposition of organic precursors and structural control by doping. *Journal of Materials Science Letters*, **2003**, 22, 931-933		3
32	FGF21 alleviates acute liver injury by inducing the SIRT1-autophagy signalling pathway.. *Journal of Cellular and Molecular Medicine*, **2022**,	5.6	3
31	Pimarane Diterpenoids from the Seeds of as PTP1B Inhibitors and Insulin Sensitizers. *Molecules*, **2020**, 25,	4.8	3

30	Mechanically-enhanced fibre topography via electrospinning on a poly(ε-caprolactone) film for tendon tissue-engineering application. *Materials Technology*,1-9	2.1	3
29	Effect of five novel 5-substituted tetrandrine derivatives on P-glycoprotein-mediated inhibition and transport in Caco-2 cells. *Oncology Letters*, **2018**, 16, 6808-6814	2.6	3
28	Epigenetic Underpinnings of Inflammation: A Key to Unlock the Tumor Microenvironment in Glioblastoma.. *Frontiers in Immunology*, **2022**, 13, 869307	8.4	3
27	Dynamic configuration of reduced graphene oxide in aqueous dispersion and its effect on thin film properties. *Chemical Communications*, **2015**, 51, 17760-3	5.8	2
26	Electrospinning: A Simple and Versatile Technique for Producing Ceramic Nanofibers and Nanotubes **2014**, 341-349		2
25	Phospholipid nanoparticles: Therapeutic potentials against atherosclerosis via reducing cholesterol crystals and inhibiting inflammation. *EBioMedicine*, **2021**, 74, 103725	8.8	2
24	Direct patterning of C-shape arrays on graphene oxide thin films using direct laser printing **2014**,		2
23	Preparation a three-dimensional hierarchical graphene/stearic acid as a phase change materials for thermal energy storage. *Materials Research Express*, **2020**, 7, 095506	1.7	2
22	Cardioprotective effects of Amentoflavone by suppression of apoptosis and inflammation on an in vitro and vivo model of myocardial ischemia-reperfusion injury. *International Immunopharmacology*, **2021**, 101, 108296	5.8	2
21	Ballpoint tip-protected oil-in-salt liquid-phase microextraction with high performance liquid chromatography for the determination of magnolol and honokiol from cortex Magnoliae officinalis. *Instrumentation Science and Technology*, **2020**, 48, 254-268	1.4	2
20	Meta-Analysis on the Chinese Herbal Formula as a Complementary Therapy for Children With Acute Lower Respiratory Infections. *Frontiers in Pharmacology*, **2020**, 11, 496348	5.6	2
19	Oxidation resistance of nickel-based superalloy Inconel 600 in air at different temperatures. *Rare Metals*, **2018**, 40, 3235	5.5	2
18	Super-carbon spring: a biomimetic design. *Science China Materials*, **2017**, 60, 186-187	7.1	1
17	Synthesis and Cytotoxic and Mechanistic Studies of 2-Arylidenecyclohex(pent)anone or 2-Arylcyclohexanone 2-Mannich Bases and Their Deoxo Bisaryl Cyclohex(pent)ene Analogs. *Pharmaceutical Chemistry Journal*, **2004**, 38, 229-238	0.9	1
16	ELECTROSPINNING NANOFIBERS WITH CONTROLLED STRUCTURES AND COMPLEX ARCHITECTURES. *Annual Review of Nano Research*, **2006**, 189-214		1
15	Boron nitride adsorbents with sea urchin-like structures for enhanced adsorption performance. *Journal of the American Ceramic Society*, **2021**, 104, 1601-1610	3.8	1
14	Detecting subtle yet fast skeletal muscle contractions with ultrasoft and durable graphene-based cellular materials.. *National Science Review*, **2022**, 9, nwab184	10.8	1
13	CD151 enrichment in exosomes of luminal androgen receptor breast cancer cell line contributes to cell invasion. *Biochimie*, **2021**, 189, 65-75	4.6	1

12	Harnessing the 2D Structure-Enabled Viscoelasticity of Graphene-Based Hydrogel Membranes for Chronic Neural Interfacing.. *Small Methods*, **2022**, e2200022	12.8	1
11	Epigenetic Regulation in the Pathogenesis of Rheumatoid Arthritis.. *Frontiers in Immunology*, **2022**, 13, 859400	8.4	1
10	Methylglyoxal produced by tumor cells through formaldehyde-enhanced Warburg effect potentiated polarization of tumor-associated macrophages.. *Toxicology and Applied Pharmacology*, **2022**, 438, 115910	4.6	0
9	Chemical constituents from the fruits of L. and their vascular relaxation effect on rat mesenteric arteries. *Natural Product Research*, **2020**, 1-6	2.3	0
8	Disease Status-Dependent Drug-Herb Interactions: NASH Lowered the Risk of Hepatotoxicity in Rats Coadministered With Simvastatin and J. Ellis. *Frontiers in Pharmacology*, **2021**, 12, 622040	5.6	0
7	Targeting Indoleamine 2,3-Dioxygenase 1: Fighting Cancers Dormancy Regulation. *Frontiers in Immunology*, **2021**, 12, 725204	8.4	0
6	Peptidylarginine deiminases 4 as a promising target in drug discovery. *European Journal of Medicinal Chemistry*, **2021**, 226, 113840	6.8	0
5	Piperazine ferulate attenuates gentamicin-induced acute kidney injury via the NF-B/NLRP3 pathway.. *Phytomedicine*, **2022**, 99, 154021	6.5	0
4	Fabrication of polyaniline/phthalocyanine hybrid ultrathin films via electrostatic attraction and doping reaction. *Journal of Materials Science Letters*, **2001**, 20, 233-235		
3	Pharmacokinetics and Metabolites of 12 Bioactive Polymethoxyflavones in Rat Plasma. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 12705-12716	5.7	
2	Fabrication and energy absorption ability of 3D highly elastic sponge constructed by BN fiber balls. *Ceramics International*, **2021**, 47, 2874-2878	5.1	
1	Rapid Hard-Tissue-Embedding Method for Embedding Graphene Nanomaterials: A Multilayered Graphene Hydrogel Membrane. *Macromolecular Materials and Engineering*, **2021**, 306, 2000535	3.9	