

Dan Li

List of Publications by Year in descending order

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231
papers

36,616
citations

8755

75
h-index

2953

189
g-index

237
all docs

237
docs citations

237
times ranked

38233
citing authors

#	ARTICLE	IF	CITATIONS
1	Processable aqueous dispersions of graphene nanosheets. <i>Nature Nanotechnology</i> , 2008, 3, 101-105.	31.5	8,393
2	Mechanically Strong, Electrically Conductive, and Biocompatible Graphene Paper. <i>Advanced Materials</i> , 2008, 20, 3557-3561.	21.0	1,843
3	Liquid-Mediated Dense Integration of Graphene Materials for Compact Capacitive Energy Storage. <i>Science</i> , 2013, 341, 534-537.	12.6	1,666
4	Electrospinning of Polymeric and Ceramic Nanofibers as Uniaxially Aligned Arrays. <i>Nano Letters</i> , 2003, 3, 1167-1171.	9.1	1,381
5	Graphene-Based Materials. <i>Science</i> , 2008, 320, 1170-1171.	12.6	1,359
6	Fabrication of Titania Nanofibers by Electrospinning. <i>Nano Letters</i> , 2003, 3, 555-560.	9.1	1,183
7	Direct Fabrication of Composite and Ceramic Hollow Nanofibers by Electrospinning. <i>Nano Letters</i> , 2004, 4, 933-938.	9.1	1,158
8	Biomimetic superelastic graphene-based cellular monoliths. <i>Nature Communications</i> , 2012, 3, 1241.	12.8	1,091
9	Bioinspired Effective Prevention of Restacking in Multilayered Graphene Films: Towards the Next Generation of High-Performance Supercapacitors. <i>Advanced Materials</i> , 2011, 23, 2833-2838.	21.0	954
10	Polyaniline Nanofibers: A Unique Polymer Nanostructure for Versatile Applications. <i>Accounts of Chemical Research</i> , 2009, 42, 135-145.	15.6	913
11	Mechanical properties and microstructure of a graphene oxide-cement composite. <i>Cement and Concrete Composites</i> , 2015, 58, 140-147.	10.7	623
12	Electrochemical Properties of Graphene Paper Electrodes Used in Lithium Batteries. <i>Chemistry of Materials</i> , 2009, 21, 2604-2606.	6.7	546
13	Shape and Aggregation Control of Nanoparticles: Not Shaken, Not Stirred. <i>Journal of the American Chemical Society</i> , 2006, 128, 968-975.	13.7	490
14	One-Dimensional Conducting Polymer Nanostructures: Bulk Synthesis and Applications. <i>Advanced Materials</i> , 2009, 21, 1487-1499.	21.0	465
15	Electrospinning: A Simple and Versatile Technique for Producing Ceramic Nanofibers and Nanotubes. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1861-1869.	3.8	443
16	Graphene/Polyaniline Nanocomposite for Hydrogen Sensing. <i>Journal of Physical Chemistry C</i> , 2010, 114, 16168-16173.	3.1	425
17	Electrospinning of nanofibers with core-sheath, hollow, or porous structures. <i>Journal of Materials Chemistry</i> , 2005, 15, 735.	6.7	401
18	Collecting Electrospun Nanofibers with Patterned Electrodes. <i>Nano Letters</i> , 2005, 5, 913-916.	9.1	380

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19	Dispersing Carbon Nanotubes with Graphene Oxide in Water and Synergistic Effects between Graphene Derivatives. <i>Chemistry - A European Journal</i> , 2010, 16, 10653-10658.	3.3	373
20	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	2.9	323
21	Controllable corrugation of chemically converted graphene sheets in water and potential application for nanofiltration. <i>Chemical Communications</i> , 2011, 47, 5810.	4.1	296
22	Ordered Gelation of Chemically Converted Graphene for Next-Generation Electroconductive Hydrogel Films. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7325-7328.	13.8	281
23	V2O5 Nanorods on TiO2 Nanofibers: A New Class of Hierarchical Nanostructures Enabled by Electrospinning and Calcination. <i>Nano Letters</i> , 2006, 6, 1297-1302.	9.1	269
24	Stimuli-responsive polymer hydrogels as a new class of draw agent for forward osmosis desalination. <i>Chemical Communications</i> , 2011, 47, 1710.	4.1	267
25	Scalable production of graphene via wet chemistry: progress and challenges. <i>Materials Today</i> , 2015, 18, 73-78.	14.2	265
26	Use of Electrospinning to Directly Fabricate Hollow Nanofibers with Functionalized Inner and Outer Surfaces. <i>Small</i> , 2004, 1, 83-86.	10.0	264
27	Solar evaporation enhancement using floating light-absorbing magnetic particles. <i>Energy and Environmental Science</i> , 2011, 4, 4074.	30.8	258
28	Highly dispersed CuO nanoparticles prepared by a novel quick-precipitation method. <i>Materials Letters</i> , 2004, 58, 3324-3327.	2.6	243
29	Bio-Inspired Two-Dimensional Nanofluidic Generators Based on a Layered Graphene Hydrogel Membrane. <i>Advanced Materials</i> , 2013, 25, 6064-6068.	21.0	232
30	Magnetic nanofibers of nickel ferrite prepared by electrospinning. <i>Applied Physics Letters</i> , 2003, 83, 4586-4588.	3.3	225
31	Electrospun Nanofibers of Blends of Conjugated Polymers: Morphology, Optical Properties, and Field-Effect Transistors. <i>Macromolecules</i> , 2005, 38, 4705-4711.	4.8	224
32	Fabrication and characterization of polyaniline-based gas sensor by ultra-thin film technology. <i>Sensors and Actuators B: Chemical</i> , 2002, 81, 158-164.	7.8	215
33	Thermosensitive graphene nanocomposites formed using pyrene-terminal polymers made by RAFT polymerization. <i>Journal of Polymer Science Part A</i> , 2010, 48, 425-433.	2.3	215
34	Solvated Graphenes: An Emerging Class of Functional Soft Materials. <i>Advanced Materials</i> , 2013, 25, 13-30.	21.0	212
35	Gold Nanoparticle-Paper as a Three-Dimensional Surface Enhanced Raman Scattering Substrate. <i>Langmuir</i> , 2012, 28, 8782-8790.	3.5	211
36	Synthesis, Characterization, and Multilayer Assembly of pH Sensitive Graphene-Polymer Nanocomposites. <i>Langmuir</i> , 2010, 26, 10068-10075.	3.5	204

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37	Ion transport in complex layered graphene-based membranes with tuneable interlayer spacing. <i>Science Advances</i> , 2016, 2, e1501272.	10.3	203
38	Direct electro-deposition of graphene from aqueous suspensions. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 9187.	2.8	197
39	Low-voltage electrostatic modulation of ion diffusion through layered graphene-based nanoporous membranes. <i>Nature Nanotechnology</i> , 2018, 13, 685-690.	31.5	196
40	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
41	Mechanically Robust, Electrically Conductive and Stimuli-Responsive Binary Network Hydrogels Enabled by Superelastic Graphene Aerogels. <i>Advanced Materials</i> , 2014, 26, 3333-3337.	21.0	178
42	Robust Vacuum-Air-Dried Graphene Aerogels and Fast Recoverable Shape-Memory Hybrid Foams. <i>Advanced Materials</i> , 2016, 28, 1510-1516.	21.0	177
43	Ultrafast Dynamic Piezoresistive Response of Graphene-Based Cellular Elastomers. <i>Advanced Materials</i> , 2016, 28, 194-200.	21.0	171
44	Label-free electrochemical impedance sensing of DNA hybridization based on functionalized graphene sheets. <i>Chemical Communications</i> , 2011, 47, 1743-1745.	4.1	161
45	Paper surfaces functionalized by nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2011, 163, 23-38.	14.7	154
46	Processable stabilizer-free polyaniline nanofiber aqueous colloids. <i>Chemical Communications</i> , 2005, , 3286.	4.1	151
47	Comparative studies on electrochemical activity of graphene nanosheets and carbon nanotubes. <i>Electrochemistry Communications</i> , 2009, 11, 1892-1895.	4.7	147
48	Composite polymer hydrogels as draw agents in forward osmosis and solar dewatering. <i>Soft Matter</i> , 2011, 7, 10048.	2.7	143
49	Carbon nanotube/graphene nanocomposite as efficient counter electrodes in dye-sensitized solar cells. <i>Nanotechnology</i> , 2012, 23, 085201.	2.6	135
50	Zwitterion Coordination Induced Highly Orientational Order of CH ₃ NH ₃ PbI ₃ Perovskite Film Delivers a High Open Circuit Voltage Exceeding 1.2 V. <i>Advanced Functional Materials</i> , 2019, 29, 1901026.	14.9	134
51	Highly efficient and ultra-broadband graphene oxide ultrathin lenses with three-dimensional subwavelength focusing. <i>Nature Communications</i> , 2015, 6, 8433.	12.8	133
52	Photocatalytic deposition of gold nanoparticles on electrospun nanofibers of titania. <i>Chemical Physics Letters</i> , 2004, 394, 387-391.	2.6	131
53	Multilayered Graphene Hydrogel Membranes for Guided Bone Regeneration. <i>Advanced Materials</i> , 2016, 28, 4025-4031.	21.0	130
54	Extremely Low Density and Super-Compressible Graphene Cellular Materials. <i>Advanced Materials</i> , 2017, 29, 1701553.	21.0	126

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55	Rapid Synthesis of Nanocrystalline TiO ₂ /SnO ₂ Binary Oxides and Their Photoinduced Decomposition of Methyl Orange. <i>Journal of Solid State Chemistry</i> , 2002, 165, 193-198.	2.9	123
56	Direct fabrication of enzyme-carrying polymer nanofibers by electrospinning. <i>Journal of Materials Chemistry</i> , 2005, 15, 3241.	6.7	111
57	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
58	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
59	SnSb@carbon nanocable anchored on graphene sheets for sodium ion batteries. <i>Nano Research</i> , 2014, 7, 1466-1476.	10.4	108
60	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
61	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
62	Green-synthesized gold nanoparticles decorated graphene sheets for label-free electrochemical impedance DNA hybridization biosensing. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4355-4361.	10.1	100
63	Functionalization of Monolithic and Porous Three-Dimensional Graphene by One-Step Chitosan Electrodeposition for Enzymatic Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 19997-20002.	8.0	95
64	Predicting drug release kinetics from nanocarriers inside dialysis bags. <i>Journal of Controlled Release</i> , 2019, 315, 23-30.	9.9	94
65	Significantly enhanced water flux in forward osmosis desalination with polymer-graphene composite hydrogels as a draw agent. <i>RSC Advances</i> , 2013, 3, 887-894.	3.6	92
66	High-Rate and High-Volumetric Capacitance of Compact Graphene-Polyaniline Hydrogel Electrodes. <i>Advanced Energy Materials</i> , 2016, 6, 1600185.	19.5	91
67	Mechanically-Assisted Electrochemical Production of Graphene Oxide. <i>Chemistry of Materials</i> , 2016, 28, 8429-8438.	6.7	91
68	Preparation and performance of high-impact polystyrene (HIPS)/nano-TiO ₂ nanocomposites. <i>Journal of Applied Polymer Science</i> , 2003, 87, 381-385.	2.6	88
69	Nonlinear Optical Transmission of Nanographene and Its Composites. <i>Journal of Physical Chemistry C</i> , 2010, 114, 12517-12523.	3.1	85
70	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
71	Electrospinning of polycrystalline barium titanate nanofibers with controllable morphology and alignment. <i>Chemical Physics Letters</i> , 2006, 424, 162-166.	2.6	81
72	Method to Impart Electro- and Biofunctionality to Neural Scaffolds Using Graphene-Polyelectrolyte Multilayers. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4524-4531.	8.0	80

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73	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
74	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
75	How nucleation affects the aggregation of nanoparticles. <i>Journal of Materials Chemistry</i> , 2007, 17, 2279.	6.7	78
76	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
77	Cubes of Zeoliteâ€¦A with an Amorphous Core. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8397-8399.	13.8	76
78	Smart draw agents for emerging forward osmosis application. <i>Journal of Materials Chemistry A</i> , 2013, 1, 14049.	10.3	72
79	Grapheneâ€Directed Supramolecular Assembly of Multifunctional Polymer Hydrogel Membranes. <i>Advanced Functional Materials</i> , 2015, 25, 126-133.	14.9	69
80	Interfacing Colloidal Graphene Oxide Sheets with Gold Nanoparticles. <i>Chemistry - A European Journal</i> , 2011, 17, 5958-5964.	3.3	66
81	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
82	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
83	Solvationâ€Involved Nanoionics: New Opportunities from 2D Nanomaterial Laminar Membranes. <i>Advanced Materials</i> , 2020, 32, e1904562.	21.0	61
84	Patternable transparent carbon nanotube films for electrochromic devices. <i>Journal of Applied Physics</i> , 2007, 101, 016102.	2.5	60
85	Facile electrochemical approach for the production of graphite oxide with tunable chemistry. <i>Carbon</i> , 2017, 112, 185-191.	10.3	59
86	Functionalized Graphene@Gold Nanostar/Lipid for Pancreatic Cancer Gene and Photothermal Synergistic Therapy under Photoacoustic/Photothermal Imaging Dualâ€Modal Guidance. <i>Small</i> , 2020, 16, e2003707.	10.0	57
87	A facile method for preparation of graphene film electrodes with tailor-made dimensions with Vaseline as the insulating binder. <i>Electrochemistry Communications</i> , 2009, 11, 1912-1915.	4.7	54
88	A Dynamic Graphene Oxide Network Enables Spray Printing of Colloidal Gels for Highâ€Performance Microâ€Supercapacitors. <i>Advanced Materials</i> , 2019, 31, e1804434.	21.0	54
89	Structural Control of Graphene-Based Materials for Unprecedented Performance. <i>ACS Nano</i> , 2018, 12, 5085-5092.	14.6	50
90	Welding and patterning in a flash. <i>Nature Materials</i> , 2004, 3, 753-754.	27.5	49

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91	Novel composite graphene/platinum electro-catalytic electrodes prepared by electrophoretic deposition from colloidal solutions. <i>Electrochimica Acta</i> , 2012, 60, 213-223.	5.2	49
92	On-chip energy storage integrated with solar cells using a laser scribed graphene oxide film. <i>Applied Physics Letters</i> , 2015, 107, 031105.	3.3	49
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> , 2013, 3, 3391.	3.6	47
94	Multifunctional Cellular Materials Based on 2D Nanomaterials: Prospects and Challenges. <i>Advanced Materials</i> , 2018, 30, 1704850.	21.0	47
95	Capillary zone electrophoresis of graphene oxide and chemically converted graphene. <i>Journal of Chromatography A</i> , 2010, 1217, 7593-7597.	3.7	46
96	Electrostatic self-assembly of graphene-silver multilayer films and their transmittance and electronic conductivity. <i>Carbon</i> , 2012, 50, 4343-4350.	10.3	45
97	HER2 Targeting Peptides Screening and Applications in Tumor Imaging and Drug Delivery. <i>Theranostics</i> , 2016, 6, 1261-1273.	10.0	45
98	Ultrafast water evaporation through graphene membranes with subnanometer pores for desalination. <i>Journal of Membrane Science</i> , 2021, 621, 118934.	8.2	45
99	Enhanced rate performance of cobalt oxide/nitrogen doped graphene composite for lithium ion batteries. <i>RSC Advances</i> , 2013, 3, 5003.	3.6	44
100	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
101	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
102	Graphene/titanium carbide composites prepared by sol-gel infiltration and spark plasma sintering. <i>Ceramics International</i> , 2016, 42, 122-131.	4.8	42
103	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
104	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
105	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
106	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
107	Title is missing!. <i>Journal of Materials Science</i> , 2003, 38, 2907-2911.	3.7	39
108	Enhanced optical nonlinearities of hybrid graphene oxide films functionalized with gold nanoparticles. <i>Applied Physics Letters</i> , 2015, 107, .	3.3	39

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109	Growth of zeolite crystals with graphene oxide nanosheets. <i>Chemical Communications</i> , 2012, 48, 2249.	4.1	38
110	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
111	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
112	Fabrication of self-assembled polyaniline films by doping-induced deposition. <i>Thin Solid Films</i> , 2000, 360, 24-27.	1.8	37
113	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
114	Structure-based Design of Peptides with High Affinity and Specificity to HER2 Positive Tumors. <i>Theranostics</i> , 2015, 5, 1154-1165.	10.0	34
115	TiO ₂ nanoparticles on nitrogen-doped graphene as anode material for lithium ion batteries. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	32
116	Detecting Subtle Vibrations Using Graphene-Based Cellular Elastomers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 11345-11349.	8.0	32
117	Berberine remodels adipose tissue to attenuate metabolic disorders by activating sirtuin 3. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1285-1298.	6.1	32
118	Synthesis of substituted M- and W-type barium ferrite nanostructured powders by stearic acid gel method. <i>Journal of Alloys and Compounds</i> , 1996, 237, 45-48.	5.5	31
119	A high-performance asymmetric supercapacitor-based (CuCo) ₂ /GA cathode and FeSe ₂ /GA anode with enhanced kinetics matching. <i>Nanoscale</i> , 2021, 13, 6489-6498.	5.6	30
120	Capturing electrified nanodroplets under Rayleigh instability by coupling electrospray with a sol-gel reaction. <i>Chemical Physics Letters</i> , 2007, 445, 271-275.	2.6	29
121	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
122	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
123	New Structural Insights into Densely Assembled Reduced Graphene Oxide Membranes. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	27
124	Synthetic HDL Nanoparticles Delivering Docetaxel and CpG for Chemotherapy of Colon Adenocarcinoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1777.	4.1	26
125	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
126	Zeolite crystallization in crosslinked chitosan hydrogels: Crystal size control and chitosan removal. <i>Microporous and Mesoporous Materials</i> , 2008, 116, 416-423.	4.4	25

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127	UV-assisted production of ferromagnetic graphitic quantum dots from graphite. Carbon, 2013, 57, 346-356.	10.3	25
128	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.	10.3	25
129	Evaporation-induced flattening and self-assembly of chemically converted graphene on a solid surface. Soft Matter, 2011, 7, 8745.	2.7	24
130	Graphene Oxide-Supported Catalyst with Thermoresponsive Smart Surface for Selective Hydrogenation of Cinnamaldehyde. ACS Applied Materials & Interfaces, 2019, 11, 16443-16451.	8.0	24
131	Noncovalent Functionalization of Graphene Nanosheets with Cluster-Cored Star Polymers and Their Reinforced Polymer Coating. ACS Macro Letters, 2015, 4, 974-978.	4.8	23
132	Synthesis and intercalation properties of nanoscale layered tetratitanate. Journal of Materials Chemistry, 2002, 12, 1796-1799.	6.7	22
133	Title is missing!. Journal of Materials Science Letters, 2003, 22, 253-255.	0.5	22
134	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, 2020, 17, 016015.	3.5	22
135	Microwave-assisted Synthesis of Flower-like Structure MnO ₂ as Cathode for Lithium Ion Batteries. Journal of the Chinese Chemical Society, 2012, 59, 1211-1215.	1.4	21
136	Facile Fabrication of Nanoparticles Confined in Graphene Films and Their Electrochemical Properties. Chemistry - A European Journal, 2013, 19, 7631-7636.	3.3	21
137	Magnetic behavior of reduced graphene oxide/metal nanocomposites. Journal of Applied Physics, 2013, 113, .	2.5	21
138	Unique Urchin-like Ca ₂ Ge ₇ O ₁₆ Hierarchical Hollow Microspheres as Anode Material for the Lithium Ion Battery. Scientific Reports, 2015, 5, 11326.	3.3	21
139	Engineering graphene for high-performance supercapacitors: Enabling role of colloidal chemistry. Journal of Energy Chemistry, 2018, 27, 1-5.	12.9	21
140	Electrochemically-derived graphene oxide membranes with high stability and superior ionic sieving. Chemical Communications, 2019, 55, 4075-4078.	4.1	21
141	Nrf2-mediated adaptive response to methyl glyoxal in HepG2 cells involves the induction of AKR7A2. Chemico-Biological Interactions, 2015, 234, 366-371.	4.0	20
142	Novel synthetic strategy towards BaFCl and BaFCl:Eu ²⁺ nanofibers with photoluminescence properties. Chemical Engineering Journal, 2017, 310, 91-101.	12.7	20
143	Beneficial restacking of 2D nanomaterials for electrocatalysis: a case of MoS ₂ membranes. Chemical Communications, 2020, 56, 7005-7008.	4.1	20
144	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.	4.1	20

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145	Synthesis and microstructural control of nanocrystalline titania powders via a stearic acid method. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2002, 328, 108-112.	5.6	19
146	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
147	Aldehyde reductase 7A5 (AKR7A5) attenuates oxidative stress and reactive aldehyde toxicity in V79-4 cells. <i>Toxicology in Vitro</i> , 2014, 28, 707-714.	2.4	18
148	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
149	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
150	A Protein Corona Adsorbed to a Bacterial Magnetosome Affects Its Cellular Uptake. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 1481-1498.	6.7	18
151	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
152	Fabrication of a prototype humidity-sensitive capacitor via layer-by-layer self-assembling technique. <i>Materials Science and Engineering C</i> , 2000, 11, 117-119.	7.3	17
153	Hydrothermal synthesis of AlPO ₄ -5: Effect of precursor gel preparation on the morphology of crystals. <i>Progress in Natural Science: Materials International</i> , 2012, 22, 684-692.	4.4	17
154	Dynamic Electrosorption Analysis as an Effective Means to Characterise the Structure of Bulk Graphene Assemblies. <i>Chemistry - A European Journal</i> , 2013, 19, 3082-3089.	3.3	17
155	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
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