

# Shouwu Guo

## 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.

131  
papers

7,265  
citations

34  
h-index

84  
g-index

135  
ext. papers

8,045  
ext. citations

5.6  
avg, IF

6  
L-index

#	Paper	IF	Citations
131	All carbon electrodes derived from semi-coke for electrochemical energy storage devices. <i>Ionics</i> , <b>2022</b> , 28, 1685	2.7	
130	The rational design of nickel-cobalt selenides@selenium nanostructures by adjusting the synthesis environment for high-performance sodium-ion batteries. <i>Inorganic Chemistry Frontiers</i> , <b>2022</b> , 9, 547-558	6.8	1
129	Flower-like TiO <sub>2</sub> hollow microspheres with mixed-phases for high-pseudocapacitive lithium storage. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 163730	5.7	3
128	Anthracite-derived carbon-based electrode materials for high performance lithium ion capacitors. <i>Fuel Processing Technology</i> , <b>2022</b> , 228, 107146	7.2	0
127	Sacrificial template synthesis of (V <sub>0.8</sub> Ti <sub>0.1</sub> Cr <sub>0.1</sub> ) <sub>2</sub> AlC and carbon fiber@(V <sub>0.8</sub> Ti <sub>0.1</sub> Cr <sub>0.1</sub> ) <sub>2</sub> AlC microrods for efficient microwave absorption. <i>Journal of Materials Science and Technology</i> , <b>2022</b> , 111, 236-244	9.1	0
126	Boron nitride nanosheets decorated N-doped carbon nanofibers as a wide-band and lightweight electromagnetic wave absorber. <i>Journal of Alloys and Compounds</i> , <b>2022</b> , 890, 161903	5.7	2
125	Regulating Lithium-Ion Transference Number of a Poly(vinyl alcohol)-Based Gel Electrolyte by the Incorporation of H <sub>3</sub> BO <sub>3</sub> as an Anion Trapper. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 2873-2880	6.1	0
124	Tunable microwave absorption band via rational design of C@TiC nanospheres. <i>Ceramics International</i> , <b>2022</b> ,	5.1	2
123	Effects of Pulverization and Dead Sn Accumulation in SnO <sub>2</sub> Nanorods Grown on Carbon Cloth on Their Electrochemical Performances as the Anode in Lithium Ion Batteries. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 3536-3544	6.1	
122	Boosting Sodium Storage of Hierarchical Nanofibers with Porous Carbon-Supported Anatase TiO <sub>2</sub> /TiO <sub>2</sub> (B) Nanowires. <i>ACS Applied Energy Materials</i> , <b>2022</b> , 5, 3447-3453	6.1	1
121	Hydrolysis of Organophosphorus Agents Catalyzed by Cobalt Nanoparticles Supported on Three-Dimensional Nitrogen-Doped Graphene. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 17635-17640	5.1	0
120	Carbon Nanofibers Cross-Linked and Decorated with Graphene Quantum Dots as Binder-Free Electrodes for Flexible Supercapacitors. <i>Journal of Physical Chemistry C</i> , <b>2021</b> , 125, 143-151	3.8	3
119	Phase-pure ditungsten carbide nanoparticles covered by carbon as efficient electrocatalysts for hydrogen evolution reaction. <i>Ceramics International</i> , <b>2021</b> , 47, 12228-12233	5.1	4
118	Tunable CuS nanocables with hierarchical nanosheet-assembly for ultrafast and long-cycle life sodium-ion storage. <i>Ceramics International</i> , <b>2021</b> , 47, 14138-14145	5.1	8
117	Hydrated vanadium pentoxide/reduced graphene oxide composite cathode material for high-rate lithium ion batteries. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 585, 347-354	9.3	4
116	Fe <sub>2</sub> Mo <sub>3</sub> O <sub>8</sub> nanoparticles self-assembling 3D mesoporous hollow spheres toward superior lithium storage properties. <i>Frontiers of Chemical Science and Engineering</i> , <b>2021</b> , 15, 156-163	4.5	5
115	Reinforce the Adhesion of Gel Electrolyte to Electrode and the Interfacial Charge Transfer via In Situ Electrospinning the Polymeric Nanofiber Matrix. <i>Energy Technology</i> , <b>2021</b> , 9, 2000865	3.5	2

114	Molten salt assisted synthesis and electromagnetic wave absorption properties of (V <sub>1-x</sub> Ti <sub>x</sub> Cr) <sub>2</sub> AlC solid solutions. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 7697-7705	7.1	3
113	Core-Shell PMIA@PVdF-HFP/AlO Nanofiber Mats Coaxial Electrospun on LiFePO <sub>4</sub> Electrode as Matrices for Gel Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 9875-9884	9.5	2
112	Nanocarved vanadium nitride nanowires encapsulated in lamellar graphene layers as supercapacitor electrodes. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 21197-21205	2.1	0
111	Vanadium nitride@carbon nanowires with inner porous structure for high-efficient microwave absorption. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2021</b> , 269, 115156	3.1	1
110	Sulfur/nitrogen dual-doped three-dimensional reduced graphene oxide modified with mesoporous TiO <sub>2</sub> nanoparticles for promising lithium-ion battery anodes. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 868, 159183	5.7	8
109	Boosting High-Rate Sodium Storage of CuS via a Hollow Spherical Nanostructure and Surface Pseudocapacitive Behavior. <i>ACS Applied Energy Materials</i> , <b>2021</b> , 4, 8901-8909	6.1	3
108	Boosting the electrocatalytic activity of hollow NiCo layered double hydroxides nanocages via a self-regulating support effect: A highly efficient oxygen electrode for lithium-oxygen batteries. <i>Applied Surface Science</i> , <b>2021</b> , 558, 149888	6.7	3
107	Ditungsten carbide nanoparticles homogeneously embedded in carbon nanofibers for efficient hydrogen production. <i>Chemical Engineering Journal</i> , <b>2021</b> , 420, 130480	14.7	5
106	Effects of Pre-Electroplated Metal or/and Graphene on the Initial Coulombic Efficiency of Graphite Anode. <i>ChemElectroChem</i> , <b>2021</b> , 8, 3651	4.3	
105	Achieving ion accessibility within graphene films by carbon nanofiber intercalation for high mass loading electrodes in supercapacitors. <i>Journal of Power Sources</i> , <b>2021</b> , 513, 230559	8.9	2
104	Multilayer graphene sheets converted directly from anthracite in the presence of molten iron and their applications as anode for lithium ion batteries. <i>Synthetic Metals</i> , <b>2020</b> , 263, 116364	3.6	6
103	Low-temperature preparation of mesoporous TiO <sub>2</sub> honeycomb-like structure on TiO <sub>2</sub> nanotube arrays as binder-free anodes for lithium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 863, 114088	4.1	16
102	Morphology Design of Co-electrospinning MnO-VN/C Nanofibers for Enhancing the Microwave Absorption Performances. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 13208-13216	9.5	41
101	A High-Performance Primary Nanosheet Heterojunction Cathode Composed of Na MnO <sub>2</sub> Tunnels and Layered Na Mn O for Na-Ion Batteries. <i>ChemSusChem</i> , <b>2020</b> , 13, 1793-1799	8.3	16
100	A flexible electrode of TiO <sub>2</sub> nanowire arrays modified with graphene for solid-state cable-type supercapacitors. <i>Ionics</i> , <b>2020</b> , 26, 971-979	2.7	1
99	Multilayer graphene spheres generated from anthracite and semi-coke as anode materials for lithium-ion batteries. <i>Fuel Processing Technology</i> , <b>2020</b> , 198, 106241	7.2	22
98	Effects of the Inherent Tubular Structure and Graphene Coating on the Lithium Ion Storage Performances of Electrospun NiO/Co <sub>3</sub> O <sub>4</sub> Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 143-151	3.8	6
97	N-doped graphene-wrapped TiO <sub>2</sub> nanotubes with stable surface Ti <sup>3+</sup> for visible-light photocatalysis. <i>Applied Surface Science</i> , <b>2020</b> , 512, 144549	6.7	19

96	Graphene quantum dots in photodynamic therapy. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 4961-4967	5.1	12
95	TiO <sub>2</sub> /carbon nanofibers doped with phosphorus as anodes for hybrid Li-ion capacitors. <i>Journal of Power Sources</i> , <b>2020</b> , 473, 228551	8.9	13
94	Nitrogen-doped carbon/SiO <sub>x</sub> composites from rice husks as a high-performance anode for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2020</b> , 31, 16037-16043	2.1	1
93	Dual Role of Graphene Quantum Dots in Active Layer of Inverted Bulk Heterojunction Organic Photovoltaic Devices. <i>ACS Omega</i> , <b>2019</b> , 4, 16159-16165	3.9	11
92	Hierarchical TiO nanoarchitectures on Ti foils as binder-free anodes for hybrid Li-ion capacitors. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 555, 791-800	9.3	16
91	Cladding transition metal oxide particles with graphene oxide sheets: an efficient protocol to improve their structural stability and lithium ion diffusion rate. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 2969-2977	2.6	6
90	Direct Pyrolysis of Molybdophosphate-based Ionic Salt for One-step Synthesis of N,P Co-doped Carbon/MoO <sub>3-x</sub> Hybrids with Superior Lithium Storage Performance. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 842-847	2.2	5
89	In situ fabrication of flaky-like NiMn-layered double hydroxides as efficient catalyst for Li-O <sub>2</sub> battery. <i>Journal of Solid State Electrochemistry</i> , <b>2019</b> , 23, 1121-1128	2.6	7
88	Separating graphene quantum dots by lateral size through gel column chromatography.. <i>RSC Advances</i> , <b>2019</b> , 9, 18898-18901	3.7	3
87	Ion-matching porous carbons with ultra-high surface area and superior energy storage performance for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 9163-9172	13	31
86	Rationally assembled rGO/Sn/Na <sub>2</sub> Zr(PO <sub>4</sub> ) <sub>2</sub> nanocomposites as high performance anode materials for lithium and sodium ion batteries. <i>Sustainable Energy and Fuels</i> , <b>2019</b> , 3, 1509-1516	5.8	1
85	Gold nanoparticles stabilized by graphene quantum dots as catalysts for CC bond cleavage in E0-4 lignin model compounds. <i>Inorganic Chemistry Communication</i> , <b>2019</b> , 104, 105-109	3.1	9
84	Top-down tailoring of nanostructured manganese molybdate enhances its lithium storage properties. <i>CrystEngComm</i> , <b>2019</b> , 21, 5374-5381	3.3	5
83	Lamellar vanadium nitride nanowires encapsulated in graphene for electromagnetic wave absorption. <i>Chemical Engineering Journal</i> , <b>2019</b> , 378, 122203	14.7	29
82	Graphene Quantum Dots Band Structure Tuned by Size for Efficient Organic Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , <b>2019</b> , 216, 1900657	1.6	6
81	Carbon-Coated Mn <sub>4</sub> N Nanowires with Abundant Internal Voids for Microwave Absorption. <i>ACS Applied Nano Materials</i> , <b>2019</b> , 2, 7848-7855	5.6	7
80	Almond Shell-Derived Carbons under Low-Temperature Activation with Ultra-High Surface Area and Superior Performance for Supercapacitors. <i>ChemistrySelect</i> , <b>2019</b> , 4, 12472-12478	1.8	2
79	Hierarchical Nanorods Constructed by Vertical WS <sub>2</sub> Nanosheets on Carbon Nanotube Cores with Enhanced Lithium Storage Properties. <i>ChemistrySelect</i> , <b>2019</b> , 4, 12779-12784	1.8	2

78	Gold Electrode Fused with AuNPs/GQDs Showing Enhanced Electrochemical Performance for Detection of Phenolic Compounds. <i>Journal of the Electrochemical Society</i> , <b>2019</b> , 166, B1707-B1711	3.9	4
77	Effects of Sodium Alginate on the Composition, Morphology, and Electrochemical Properties of Electrospun Carbon Nanofibers as Electrodes for Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 632-640	8.3	21
76	Composites of Layered M(HPO) (M = Zr, Sn, and Ti) with Reduced Graphene Oxide as Anode Materials for Lithium Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2612-2618	9.5	19
75	Improving the electrochemical properties of lithium iron(II) phosphate through surface modification with manganese ion(II) and reduced graphene oxide. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 285-292	2.6	11
74	Flexible micro-supercapacitors assembled via chemically reduced graphene oxide films assisted by a laser printer. <i>Nanotechnology</i> , <b>2018</b> , 29, 43LT01	3.4	6
73	Oxidation of 1-Phenylethane-1,2-Diol to 2-Hydroxy-1-Phenylethan-1-One Catalyzed by Gold Nanocrystals. <i>ChemistrySelect</i> , <b>2018</b> , 3, 13638-13640	1.8	2
72	One-Pot Solvothermal Synthesis of Molybdenum-Tungsten Chalcogenide/Carbon Composite Electrodes for Asymmetric Supercapacitors. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3893-3900	4.3	6
71	Hierarchical porous reduced graphene oxide decorated with molybdenum disulfide for high-performance supercapacitors. <i>Electrochimica Acta</i> , <b>2018</b> , 292, 639-645	6.7	21
70	Insight into the Formation/Decomposition of Solid Electrolyte Interphase Films and Effects on the Electrochemical Properties of Sn/Graphene Anodes. <i>Journal of Physical Chemistry C</i> , <b>2018</b> , 122, 25211-25218	3.8	10
69	Three-dimensional composite of Co <sub>3</sub> O <sub>4</sub> nanoparticles and nitrogen-doped reduced graphene oxide for lignin model compound oxidation. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 11117-11123	3.6	7
68	Co <sub>3</sub> O <sub>4</sub> Nanosheet Arrays on Ni Foam as Electrocatalyst for Oxygen Evolution Reaction. <i>Electrocatalysis</i> , <b>2018</b> , 9, 653-661	2.7	15
67	Reduction of graphene oxide by Ar-H <sub>2</sub> mixture gas at 200 °C with the aid of Pd. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 703, 10-12	5.7	12
66	Graphene oxide doped poly(vinylidene fluoride-co-hexafluoropropylene) gel electrolyte for lithium ion battery. <i>Ionics</i> , <b>2017</b> , 23, 2045-2053	2.7	15
65	Sorting Graphene Quantum Dots by Using Aluminum Ions. <i>European Journal of Inorganic Chemistry</i> , <b>2017</b> , 2017, 2201-2206	2.3	3
64	Metastable intermolecular composites of Al and CuO nanoparticles assembled with graphene quantum dots. <i>RSC Advances</i> , <b>2017</b> , 7, 1718-1723	3.7	9
63	Mass Transport Effect on Graphene Based Enzyme Electrochemical Biosensor for Oxalic Acid Detection. <i>Journal of the Electrochemical Society</i> , <b>2017</b> , 164, B29-B33	3.9	9
62	Composites of Graphene Quantum Dots and Reduced Graphene Oxide as Catalysts for Nitroarene Reduction. <i>ACS Omega</i> , <b>2017</b> , 2, 7293-7298	3.9	17
61	Fluorine-free ionic liquid based on thiocyanate anion with propylene carbonate as electrolytes for supercapacitors: Effects of concentration and temperature. <i>Chemical Research in Chinese Universities</i> , <b>2017</b> , 33, 779-784	2.2	6

60	Preparation of nitrogen and sulfur co-doped ordered mesoporous carbon for enhanced microwave absorption performance. <i>Nanotechnology</i> , <b>2017</b> , 28, 375705	3.4	25
59	Photothermally Driven Refreshable Microactuators Based on Graphene Oxide Doped Paraffin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26476-26482	9.5	19
58	Graphene Quantum Dots Downregulate Multiple Multidrug-Resistant Genes via Interacting with Their C-Rich Promoters. <i>Advanced Healthcare Materials</i> , <b>2017</b> , 6, 1700328	10.1	22
57	Ordered mesoporous inter-filled SiC/SiO <sub>2</sub> composites with high-performance microwave absorption by adding ethylenediamine. <i>Journal of Materials Science</i> , <b>2017</b> , 52, 13163-13172	4.3	7
56	Manganese dioxide nanoflakes anchored on reduced graphene oxide with superior electrochemical performance for supercapacitors. <i>Micro and Nano Letters</i> , <b>2017</b> , 12, 147-150	0.9	0
55	Effects of polypyrrole and chemically reduced graphene oxide on electrochemical properties of lithium iron (II) phosphate. <i>Journal of Solid State Electrochemistry</i> , <b>2017</b> , 21, 3021-3028	2.6	3
54	Au/graphene quantum dots/ferroferric oxide composites as catalysts for the solvent-free oxidation of alcohols. <i>Materials Letters</i> , <b>2016</b> , 183, 227-231	3.3	7
53	Enhanced Performance by Enlarged Nano-pores of Holly Leaf-derived Lamellar Carbon for Sodium-ion Battery Anode. <i>Scientific Reports</i> , <b>2016</b> , 6, 26246	4.9	28
52	TiO nanotubes wrapped with reduced graphene oxide as a high-performance anode material for lithium-ion batteries. <i>Scientific Reports</i> , <b>2016</b> , 6, 36580	4.9	64
51	Micro-nano structure hard carbon as a high performance anode material for sodium-ion batteries. <i>Scientific Reports</i> , <b>2016</b> , 6, 35620	4.9	47
50	Large scale production of graphene quantum dots through the reaction of graphene oxide with sodium hypochlorite. <i>RSC Advances</i> , <b>2016</b> , 6, 54644-54648	3.7	15
49	Fe-doped SiC/SiO <sub>2</sub> composites with ordered inter-filled structure for effective high-temperature microwave attenuation. <i>Materials and Design</i> , <b>2016</b> , 92, 563-570	8.1	55
48	Effect of Lateral Size of Graphene Quantum Dots on Their Properties and Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 2104-10	9.5	77
47	Insights into the effects of different acids on the formation and electrochemical properties of carbon spherules. <i>RSC Advances</i> , <b>2016</b> , 6, 37555-37561	3.7	3
46	Graphene quantum dots enhance anticancer activity of cisplatin via increasing its cellular and nuclear uptake. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2016</b> , 12, 1997-2006	6	54
45	Graphene quantum dots with Zn <sup>2+</sup> and Ni <sup>2+</sup> conjugates can cleave supercoiled DNA. <i>Journal of Coordination Chemistry</i> , <b>2016</b> , 69, 3395-3402	1.6	5
44	Composites of graphene oxide and epoxy resin assuming a uniform 3D graphene oxide network structure. <i>RSC Advances</i> , <b>2016</b> , 6, 86904-86908	3.7	20
43	Temperature effect on morphology and electrochemical properties of nanostructured ZnO as anode for lithium ion batteries. <i>Micro and Nano Letters</i> , <b>2016</b> , 11, 535-538	0.9	2

42	Selective oxidation of veratryl alcohol with composites of Au nanoparticles and graphene quantum dots as catalysts. <i>Chemical Communications</i> , <b>2015</b> , 51, 6318-21	5.8	53
41	Vacuolization in Cytoplasm and Cell Membrane Permeability Enhancement Triggered by Micrometer-Sized Graphene Oxide. <i>ACS Nano</i> , <b>2015</b> , 9, 7913-24	16.7	32
40	Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> hollow mesoporous microspheres assembled from nanoparticles for high rate lithium-ion battery anodes. <i>RSC Advances</i> , <b>2015</b> , 5, 35643-35650	3.7	16
39	Sweet potato-derived carbon nanoparticles as anode for lithium ion battery. <i>RSC Advances</i> , <b>2015</b> , 5, 40737-40741	3.7	41
38	Interactions of the primers and Mg <sup>2+</sup> with graphene quantum dots enhance PCR performance. <i>RSC Advances</i> , <b>2015</b> , 5, 74515-74522	3.7	6
37	Enhanced Electrochemical Performance of Lithium Iron(II) Phosphate Modified Cooperatively via Chemically Reduced Graphene Oxide and Polyaniline. <i>Electrochimica Acta</i> , <b>2015</b> , 173, 310-315	6.7	20
36	Effect of aluminium doping amount on the electrochemical properties of ZnO nanoparticles as anode for lithium ion batteries. <i>Micro and Nano Letters</i> , <b>2015</b> , 10, 217-219	0.9	6
35	Composite of graphene quantum dots and Fe <sub>3</sub> O <sub>4</sub> nanoparticles: peroxidase activity and application in phenolic compound removal. <i>RSC Advances</i> , <b>2014</b> , 4, 3299-3305	3.7	71
34	Electron Transfer from Graphene Quantum Dots to the Copper Complex Enhances Its Nuclease Activity. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 7637-7642	3.8	20
33	Composites of boron-doped carbon nanosheets and iron oxide nanoneedles: fabrication and lithium ion storage performance. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 9111-9117	13	20
32	Mechanism of force mode dip-pen nanolithography. <i>Journal of Applied Physics</i> , <b>2014</b> , 115, 174314	2.5	
31	Composites of Graphene and LiFePO <sub>4</sub> as Cathode Materials for Lithium-Ion Battery: A Mini-review. <i>Nano-Micro Letters</i> , <b>2014</b> , 6, 316-326	19.5	36
30	Enhancing cell nucleus accumulation and DNA cleavage activity of anti-cancer drug via graphene quantum dots. <i>Scientific Reports</i> , <b>2013</b> , 3, 2852	4.9	133
29	Graphene quantum dots/gold electrode and its application in living cell H <sub>2</sub> O <sub>2</sub> detection. <i>Nanoscale</i> , <b>2013</b> , 5, 1816-9	7.7	220
28	Control of the formation of rod-like ZnO mesocrystals and their photocatalytic properties. <i>CrystEngComm</i> , <b>2013</b> , 15, 2608-2615	3.3	39
27	Stabilization and induction of oligonucleotide i-motif structure via graphene quantum dots. <i>ACS Nano</i> , <b>2013</b> , 7, 531-7	16.7	45
26	Interactions of graphene and graphene oxide with proteins and peptides. <i>Nanotechnology Reviews</i> , <b>2013</b> , 2, 27-45	6.3	162
25	Insight into the cellular internalization and cytotoxicity of graphene quantum dots. <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 1613-9	10.1	155

24	Solution-processable graphene quantum dots. <i>ChemPhysChem</i> , <b>2013</b> , 14, 2627-40	3.2	29
23	Graphene: Insight into the Cellular Internalization and Cytotoxicity of Graphene Quantum Dots (Adv. Healthcare Mater. 12/2013). <i>Advanced Healthcare Materials</i> , <b>2013</b> , 2, 1612-1612	10.1	2
22	Glass carbon electrode modified with horseradish peroxidase immobilized on partially reduced graphene oxide for detecting phenolic compounds. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 681, 49-55	4.1	55
21	Composites of chemically-reduced graphene oxide sheets and carbon nanospheres with three-dimensional network structure as anode materials for lithium ion batteries. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23194		35
20	Fingerprinting photoluminescence of functional groups in graphene oxide. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23374		165
19	Green controllable synthesis of silver nanomaterials on graphene oxide sheets via spontaneous reduction. <i>RSC Advances</i> , <b>2012</b> , 2, 3816	3.7	74
18	Nuclease Activity and Cytotoxicity Enhancement of the DNA Intercalators via Graphene Oxide. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 15839-15846	3.8	25
17	Control on the formation of Fe <sub>3</sub> O <sub>4</sub> nanoparticles on chemically reduced graphene oxide surfaces. <i>CrystEngComm</i> , <b>2012</b> , 14, 499-504	3.3	62
16	Assembly of graphene oxide-enzyme conjugates through hydrophobic interaction. <i>Small</i> , <b>2012</b> , 8, 154-9	11	213
15	Photo-Fenton reaction of graphene oxide: a new strategy to prepare graphene quantum dots for DNA cleavage. <i>ACS Nano</i> , <b>2012</b> , 6, 6592-9	16.7	420
14	Rolling up graphene oxide sheets into micro/nanoscrolls by nanoparticle aggregation. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 17441		63
13	Effect of substrate (ZnO) morphology on enzyme immobilization and its catalytic activity. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 450	5	34
12	Reducing Graphene Oxide via Hydroxylamine: A Simple and Efficient Route to Graphene. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 11957-11961	3.8	266
11	One-step synthesis of Fe <sub>3</sub> O <sub>4</sub> @C nanotubes for the immobilization of adriamycin. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12224		23
10	Biocompatibility of Graphene Oxide. <i>Nanoscale Research Letters</i> , <b>2011</b> , 6, 8	5	552
9	Folic Acid-conjugated Graphene Oxide loaded with Photosensitizers for Targeting Photodynamic Therapy. <i>Theranostics</i> , <b>2011</b> , 1, 240-50	12.1	438
8	Horseradish Peroxidase Immobilized on Graphene Oxide: Physical Properties and Applications in Phenolic Compound Removal. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 8469-8473	3.8	190
7	Graphene oxide as a matrix for enzyme immobilization. <i>Langmuir</i> , <b>2010</b> , 26, 6083-5	4	438



6	Reduction of graphene oxide via L-ascorbic acid. <i>Chemical Communications</i> , <b>2010</b> , 46, 1112-4	5.8	1848
5	DNA cleavage system of nanosized graphene oxide sheets and copper ions. <i>ACS Nano</i> , <b>2010</b> , 4, 7169-74	16.7	132
4	Individual nanocomposite sheets of chemically reduced graphene oxide and poly(N-vinyl pyrrolidone): preparation and humidity sensing characteristics. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 10824		70
3	The creation of nanojunctions. <i>Nanoscale</i> , <b>2010</b> , 2, 2521-9	7.7	34
2	Hollow Sodium Tungsten Bronze (Na <sub>0.15</sub> WO <sub>3</sub> ) Nanospheres: Preparation, Characterization, and Their Adsorption Properties. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 1241-6	5	8
1	Flexible Mo <sub>2</sub> C-Modified SiC/C Nanofibers for BroadBand Electromagnetic Wave Absorption. <i>Advanced Materials Interfaces</i> , 2200333	4.6	0