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## Reduced graphene oxide by chemical graphitization

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1739	Graphenes Converted from Polymers. <b>2011</b> , 2, 493-497		140
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1737	Short peptide based hydrogels: incorporation of graphene into the hydrogel. <b>2011</b> , 7, 9259		136
1736	Stable aqueous dispersion of reduced graphene nanosheets via non-covalent functionalization with conducting polymers and application in transparent electrodes. <b>2011</b> , 27, 2014-8		143
1735	Evaluation Criteria for Reduced Graphene Oxide. <b>2011</b> , 115, 11327-11335		409
1734	A new reducing agent to prepare single-layer, high-quality reduced graphene oxide for device applications. <b>2011</b> , 3, 2849-53		92

1733	One-pot reduction of graphene oxide at subzero temperatures. <b>2011</b> , 47, 12370-2	373
1732	Dual path mechanism in the thermal reduction of graphene oxide. <b>2011</b> , 133, 17315-21	356
1731	An efficient way to functionalize graphene sheets with presynthesized polymer via ATNRC chemistry. <b>2011</b> , 49, 1582-1590	106
1730	Functionalization of graphene oxide towards thermo-sensitive nanocomposites via moderate in situ SET-LRP. <b>2011</b> , 49, 4747-4755	73
1729	Covalent polymeric modification of graphene nanosheets via surface-initiated single-electron-transfer living radical polymerization. <b>2011</b> , 49, 4977-4986	33
1728	Simple preparation of high-quality graphene flakes without oxidation using potassium salts. <b>2011</b> , 7, 864-8	65
1727	Graphene-based materials: synthesis, characterization, properties, and applications. <b>2011</b> , 7, 1876-902	1968
1726	Facile Physical Route to Highly Crystalline Graphene. <b>2011</b> , 21, 3496-3501	84
1725	Interphases in graphene polymer-based nanocomposites: achievements and challenges. <b>2011</b> , 23, 5302-10	228
1724	In Situ one-step electrochemical preparation of graphene oxide nanosheet-modified electrodes for biosensors. <b>2011</b> , 4, 1587-91	63
1723	Thermomechanical properties of chemically modified graphene/poly(methyl methacrylate) composites made by in situ polymerization. <b>2011</b> , 49, 2615-2623	187
1722	Preparation of graphene/polyaniline composites by simple chemical procedure and its improved field emission properties. <b>2011</b> , 49, 2245-2252	108
1721	A graphite nanoeraser. <b>2011</b> , 22, 265706	27
1720	Reduced Graphite Oxide-Indium Tin Oxide Hybrid Materials for use as a Transparent Electrode. <b>2011</b> , 158, J231	18
1719	Ultra-thin graphene edges at the nanowire tips: a cascade cold cathode with two-stage field amplification. <b>2011</b> , 22, 505703	41
1718	Thiourea Dioxide as a Green Reductant for the Mass Production of Solution-Based Graphene. <b>2012</b> , 85, 1339-1344	18
1717	Solution-Processed Graphite Membrane from Reassembled Graphene Oxide. <b>2012</b> , 24, 594-599	77
1716	Improved thermal oxidation stability of solution-processable silver nanowire transparent electrode by reduced graphene oxide. <b>2012</b> , 4, 6410-4	196

1715	Dual functions of highly potent graphene derivative-poly-L-lysine composites to inhibit bacteria and support human cells. <b>2012</b> , 6, 7151-61	121
1714	Adsorption behavior of EDTA-graphene oxide for Pb (II) removal. <b>2012</b> , 4, 1186-93	606
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1712	Preparation of polymer decorated graphene oxide by $\gamma$ -ray induced graft polymerization. <b>2012</b> , 4, 1742-8	78
1711	Three-dimensional assemblies of graphene prepared by a novel chemical reduction-induced self-assembly method. <b>2012</b> , 4, 7038-45	152
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1709	Three-dimensional graphene architectures. <b>2012</b> , 4, 5549-63	689
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1706	KCl-assisted, chemically reduced graphene oxide for high-performance supercapacitor electrodes. <b>2012</b> , 16, 3635-3641	7
1705	Chemically-modified graphene sheets as an active layer for eco-friendly metal electroplating on plastic substrates. <b>2012</b> , 521, 270-274	10
1704	A non-volatile memory device consisting of graphene oxide covalently functionalized with ionic liquid. <b>2012</b> , 48, 913-5	63
1703	Reduced graphene oxides by microwave-assisted ionothermal treatment. <b>2012</b> , 36, 1684	13
1702	Dual n-type doped reduced graphene oxide field effect transistors controlled by semiconductor nanocrystals. <b>2012</b> , 48, 4052-4	16
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1700	Spontaneous reduction and dispersion of graphene nano-platelets with in situ synthesized hydrazine assisted by hexamethyldisilazane. <b>2012</b> , 22, 20477	8
1699	Graphene/Carbon Nanotube Films Prepared by Solution Casting for Electrochemical Energy Storage. <b>2012</b> , 11, 3-7	16
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1693	Tailoring the characteristics of graphite oxide nanosheets for the production of high-performance poly(vinyl alcohol) composites. <b>2012</b> , 50, 5525-5536	33
1692	Dual role of glycine as a chemical functionalizer and a reducing agent in the preparation of graphene: an environmentally friendly method. <b>2012</b> , 22, 9696	191
1691	Graphene-based electrodes. <b>2012</b> , 24, 5979-6004	756
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1689	NanoBio Interaction between Graphite Oxide Nanoparticles and Human Blood Components. <b>2012</b> , 2012, 5343-5349	12
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1687	Review on the latest design of graphene-based inorganic materials. <b>2012</b> , 4, 6205-18	81
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1685	Graphene enriched with pyrrolic coordination of the doped nitrogen as an efficient metal-free electrocatalyst for oxygen reduction. <b>2012</b> , 22, 23506	143
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1683	Graphene oxide-based supramolecular hydrogels for making nanohybrid systems with Au nanoparticles. <b>2012</b> , 28, 1460-9	73
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1675	Charge separation and ultraviolet photovoltaic conversion of ZnO quantum dots conjugated with graphene nanoshells. <b>2012</b> , 5, 747-761	37
1674	The formation of a peroxyantimonate thin film coating on graphene oxide (GO) and the influence of the GO on its transformation to antimony oxides and elemental antimony. <b>2012</b> , 50, 5463-5471	39
1673	Microwave- and nitronium ion-enabled rapid and direct production of highly conductive low-oxygen graphene. <b>2012</b> , 134, 5850-6	105
1672	Reduced graphene oxide produced by rapid-heating reduction and its use in carbon-based field-effect transistors. <b>2012</b> , 112, 033701	4
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1670	. <b>2012</b> ,	2
1669	Aerosol synthesis of cargo-filled graphene nanosacks. <b>2012</b> , 12, 1996-2002	166
1668	Glucono- $\delta$ -lactone controlled assembly of graphene oxide hydrogels with selectively reversible gel-sol transition. <b>2012</b> , 8, 4609	73
1667	High-efficiency and room-temperature reduction of graphene oxide: a facile green approach towards flexible graphene films. <b>2012</b> , 8, 1180-4, 1124	35
1666	Chemical reduction of an aqueous suspension of graphene oxide by nascent hydrogen. <b>2012</b> , 22, 10530	189
1665	Graphene-based composites. <b>2012</b> , 41, 666-86	3116
1664	Bridge-effect of CdS nanoparticles in the interface of graphene-polyaniline composites. <b>2012</b> , 22, 10999	26
1663	High-performance asymmetric supercapacitor based on graphene hydrogel and nanostructured MnO <sub>2</sub> . <b>2012</b> , 4, 2801-10	612
1662	Radiation induced reduction: an effective and clean route to synthesize functionalized graphene. <b>2012</b> , 22, 7775	149

1661	Functionalization of Graphene Oxide with Polyhedral Oligomeric Silsesquioxane (POSS) for Multifunctional Applications. <b>2012</b> , 3, 1607-12	206
1660	pH-responsive reversible dispersion of biocompatible SWNT/graphene- $\pi$ amphiphile hybrids. <b>2012</b> , 22, 6623	22
1659	Significant enhancement of blue emission and electrical conductivity of N-doped graphene. <b>2012</b> , 22, 17992	159
1658	Photocatalytic synthesis of TiO(2) and reduced graphene oxide nanocomposite for lithium ion battery. <b>2012</b> , 4, 3636-42	251
1657	The Fabrication, Properties, and Uses of Graphene/Polymer Composites. <b>2012</b> , 213, 1060-1077	454
1656	Graphene oxide and its reduction: modeling and experimental progress. <b>2012</b> , 2, 2643	418
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1654	Highly Concentrated and Conductive Reduced Graphene Oxide Nanosheets by Monovalent Cation- $\pi$ Interaction: Toward Printed Electronics. <b>2012</b> , 22, 3307-3314	59
1653	Rod-coating: towards large-area fabrication of uniform reduced graphene oxide films for flexible touch screens. <b>2012</b> , 24, 2874-8	244
1652	Tuning of n- and p-type reduced graphene oxide transistors with the same molecular backbone. <b>2012</b> , 18, 5155-9	22
1651	Can commonly used hydrazine produce n-type graphene?. <b>2012</b> , 18, 7665-70	37
1650	Synthesis of partially hydrogenated graphene and brominated graphene. <b>2012</b> , 22, 15021	80
1649	Synthesis of highly concentrated suspension of chemically converted graphene in organic solvents: Effect of temperature on the extent of reduction and dispersibility. <b>2012</b> , 29, 680-685	28
1648	Difference of dispersion behavior between graphene oxide and oxidized carbon nanotubes in polar organic solvents. <b>2012</b> , 12, 637-642	45
1647	Fabrication of free-standing graphene composite films as electrochemical biosensors. <b>2012</b> , 50, 123-133	82
1646	Annealing a graphene oxide film to produce a free standing high conductive graphene film. <b>2012</b> , 50, 659-667	236
1645	Flexible conductive graphene paper obtained by direct and gentle annealing of graphene oxide paper. <b>2012</b> , 50, 835-844	182
1644	A green approach for the reduction of graphene oxide by wild carrot root. <b>2012</b> , 50, 914-921	286

1643	The reduction of graphene oxide. <b>2012</b> , 50, 3210-3228	3551
1642	Restoration of graphene from graphene oxide by defect repair. <b>2012</b> , 50, 2581-2587	205
1641	Visualization of defect densities in reduced graphene oxide. <b>2012</b> , 50, 3666-3673	390
1640	Superior dispersion of highly reduced graphene oxide in N,N-dimethylformamide. <b>2012</b> , 376, 91-6	66
1639	Synthesis of a graphene-carbon nanotube composite and its electrochemical sensing of hydrogen peroxide. <b>2012</b> , 59, 509-514	166
1638	Synthesis and properties of thermally reduced graphene oxide/polyacrylonitrile composites. <b>2012</b> , 73, 741-743	37
1637	Chemical functionalization of graphene and its applications. <b>2012</b> , 57, 1061-1105	1351
1636	Photocatalytic synthesis of pure and water-dispersible graphene monosheets. <b>2012</b> , 18, 2762-7	27
1635	Investigation of Raman and photoluminescence studies of reduced graphene oxide sheets. <b>2012</b> , 106, 501-506	211
1634	Free-standing optoelectronic graphene/Si-graphene oxide composite paper produced by vacuum-assisted self-assembly. <b>2012</b> , 106, 779-784	7
1633	A flexible and disposable hybrid electrode based on Cu nanowires modified graphene transparent electrode for non-enzymatic glucose sensor. <b>2013</b> , 109, 602-608	96
1632	Large-scale synthesis of graphene by the reduction of graphene oxide at room temperature using metal nanoparticles as catalyst. <b>2013</b> , 52, 559-564	90
1631	Graphene oxide: efficiency of reducing agents. <b>2013</b> , 49, 7391-3	105
1630	High-quality reduced graphene oxide by a dual-function chemical reduction and healing process. <b>2013</b> , 3, 1929	203
1629	Photothermally triggered cytosolic drug delivery via endosome disruption using a functionalized reduced graphene oxide. <b>2013</b> , 7, 6735-46	343
1628	Facile method for the environmentally friendly fabrication of reduced graphene oxide films assisted by a metal substrate and saline solution. <b>2013</b> , 3, 14286	3
1627	Investigation of modified graphene for energy storage applications. <b>2013</b> , 5, 7881-5	29
1626	Self-assembled foam-like graphene networks formed through nucleate boiling. <b>2013</b> , 3, 1396	65



1625	In Situ Raman Studies of Electrically Reduced Graphene Oxide and Its Field-Emission Properties. <b>2013</b> , 117, 5485-5491	38
1624	Evolution of the band-gap and optical properties of graphene oxide with controllable reduction level. <b>2013</b> , 62, 157-164	129
1623	Synthesis of click-coupled graphene sheet with chitosan: Effective exfoliation and enhanced properties of their nanocomposites. <b>2013</b> , 49, 2627-2634	49
1622	Reduction of graphene oxide through a green and metal-free approach using formic acid. <b>2013</b> , 37, 74-79	39
1621	Preparation of high-quality graphene sheets and their applications in highly conductive papers and a high-performance electromechanical actuator. <b>2013</b> , 1, 5970	18
1620	Thiol functionalized reduced graphene oxide as a base material for novel graphene-nanoparticle hybrid composites. <b>2013</b> , 231, 146-154	69
1619	Identifying efficient natural bioreductants for the preparation of graphene and graphene-metal nanoparticle hybrids with enhanced catalytic activity from graphite oxide. <b>2013</b> , 63, 30-44	38
1618	Efficient reduction of graphene oxide using Tin-powder and its electrochemical performances for use as an energy storage electrode material. <b>2013</b> , 1, 11320	15
1617	Efficient synthesis of graphene-based powder via in situ spray pyrolysis and its application in lithium ion batteries. <b>2013</b> , 3, 16449	19
1616	Photocatalytic TiO <sub>2</sub> /RGO/nylon-6 spider-wave-like nano-nets via electrospinning and hydrothermal treatment. <b>2013</b> , 429, 225-234	94
1615	Spontaneous exfoliation of graphite oxide in polar aprotic solvents as the route to produce graphene oxide in organic solvents liquid crystals. <b>2013</b> , 64, 403-415	62
1614	Direct production of graphene nanosheets for near infrared photoacoustic imaging. <b>2013</b> , 7, 8147-57	85
1613	RGO/Nylon-6 composite mat with unique structural features and electrical properties obtained from electrospinning and hydrothermal process. <b>2013</b> , 14, 970-975	21
1612	One pot synthesis of a highly water-dispersible hybrid glucose carbides and reduced graphene oxide material with superior electrical capacitance. <b>2013</b> , 48, 8277-8286	8
1611	Inside and Outside: X-ray Absorption Spectroscopy Mapping of Chemical Domains in Graphene Oxide. <b>2013</b> , 4, 3144-51	45
1610	Synthesis of reduced graphene oxide and its electrocatalytic properties. <b>2013</b> , 86, 858-862	5
1609	Solution-based production of graphene nano-platelets containing extremely low amounts of heteroatoms. <b>2013</b> , 25, 1-5	9
1608	Understanding the adsorptive and photoactivity properties of Ag-graphene oxide nanocomposites. <b>2013</b> , 263 Pt 1, 52-60	51

1607	Restacking-inhibited 3D reduced graphene oxide for high performance supercapacitor electrodes. <b>2013</b> , 7, 9366-74	343
1606	Nacre-like graphene paper reinforced by polybenzimidazole. <b>2013</b> , 3, 20353	18
1605	Layer-by-layer assembly of transparent amorphous Co <sub>3</sub> O <sub>4</sub> nanoparticles/graphene composite electrodes for sustained oxygen evolution reaction. <b>2013</b> , 1, 12726	90
1604	A facile route to synthesize transition metal oxide/reduced graphene oxide composites and their lithium storage performance. <b>2013</b> , 3, 16597	56
1603	Improving the performance of cobalt-nickel hydroxide-based self-supporting electrodes for supercapacitors using accumulative approaches. <b>2013</b> , 6, 3314	203
1602	Facile preparation of graphene induced from electron-beam irradiated graphite. <b>2013</b> , 105, 236-238	9
1601	Supercritical alcohols as solvents and reducing agents for the synthesis of reduced graphene oxide. <b>2013</b> , 64, 207-218	77
1600	Molecular beam growth of micrometer-size graphene on mica. <b>2013</b> , 52, 40-48	32
1599	Synthesis and properties of an atomically thin carbon nanosheet similar to graphene and its promising use as an organic thin film transistor. <b>2013</b> , 55, 299-304	34
1598	Photovoltaic properties of graphene nanodisk-integrated polymer composites. <b>2013</b> , 55, 548-557	20
1597	Theoretical characterization of reduction dynamics for graphene oxide by alkaline-earth metals. <b>2013</b> , 52, 122-127	24
1596	Dispersant-free conducting pastes for flexible and printed nanocarbon electrodes. <i>Nature Communications</i> , <b>2013</b> , 4, 2491	17.4 53
1595	Redox-Mediated Synthesis of Functionalised Graphene: A Strategy towards 2D Multifunctional Electrocatalysts for Energy Conversion Applications. <b>2013</b> , 78, 1296-1303	6
1594	Experimental study of the effect of a reduced graphene oxide coating on critical heat flux enhancement. <b>2013</b> , 60, 763-771	35
1593	Electrochemical properties of graphene flakes as an air cathode material for Li-O <sub>2</sub> batteries in an ether-based electrolyte. <b>2013</b> , 15, 20262-71	38
1592	A novel gel-coating strategy to synthesize TiO <sub>2</sub> nanorod combining reduced graphene oxide composites. <b>2013</b> , 107, 307-310	38
1591	Properties and applications of chemically functionalized graphene. <b>2013</b> , 25, 423201	75
1590	Photovoltaic Performance of Flexible Graphene-Electrodes Prepared by a Simple Chemical Vapor Graphitization. <b>2013</b> , 581, 7-12	2

1589	Sn powder as reducing agents and SnO <sub>2</sub> precursors for the synthesis of SnO <sub>2</sub> -reduced graphene oxide hybrid nanoparticles. <b>2013</b> , 5, 13333-9	31
1588	Polyoxometalate-reduced graphene oxide hybrid catalyst: synthesis, structure, and electrochemical properties. <b>2013</b> , 5, 12197-204	142
1587	Evidence for Nonradiative Energy Transfer in Graphene-Oxide-Based Hybrid Structures. <b>2013</b> , 117, 25298-25304	47
1586	Reduced graphene oxide with a highly restored $\pi$ -conjugated structure for inkjet printing and its use in all-carbon transistors. <b>2013</b> , 6, 842-852	56
1585	Room-temperature synthesis and enhanced catalytic performance of silver-reduced graphene oxide nanohybrids. <b>2013</b> , 15, 1	23
1584	Thiol-functionalized magnetite/graphene oxide hybrid as a reusable adsorbent for Hg <sup>2+</sup> removal. <b>2013</b> , 8, 486	62
1583	An overview of the engineered graphene nanostructures and nanocomposites. <b>2013</b> , 3, 22790	167
1582	Chemical functionalization of exfoliated graphene. <b>2013</b> , 19, 12930-6	39
1581	Graphene oxide based low cost battery. <b>2013</b> , 112, 75-77	58
1580	Synthesis of chemically bonded graphene/carbon nanotube composites and their application in large volumetric capacitance supercapacitors. <b>2013</b> , 25, 6854-8	220
1579	Catalytic properties of graphene-metal nanoparticle hybrid prepared using an aromatic amino acid as the reducing agent. <b>2013</b> , 139, 450-458	14
1578	Hierarchical porous graphene/polyaniline composite film with superior rate performance for flexible supercapacitors. <b>2013</b> , 25, 6985-90	434
1577	2D Graphene Oxide Nanosheets as an Adhesive Over-Coating Layer for Flexible Transparent Conductive Electrodes. <b>2013</b> , 3,	176
1576	High capacitive performance of flexible and binder-free graphene-polypyrrole composite membrane based on in situ reduction of graphene oxide and self-assembly. <b>2013</b> , 5, 9860-6	82
1575	A novel method for applying reduced graphene oxide directly to electronic textiles from yarns to fabrics. <b>2013</b> , 25, 5701-5	167
1574	Structural Determination of Thermally and Hydrazine Treated Graphene Oxide Using Electron Spectroscopic Analysis. <b>2013</b> , 117, 21312-21319	19
1573	A hybrid functional nanoscaffold based on reduced graphene oxide/ZnO for the development of an amperometric biosensing platform. <b>2013</b> , 3, 25858	30
1572	One-pot green synthesis, characterizations, and biosensor application of self-assembled reduced graphene oxide-gold nanoparticle hybrid membranes. <b>2013</b> , 1, 6525-6531	97

1571	Catalytic templating approaches for three-dimensional hollow carbon/graphene oxide nano-architectures. <b>2013</b> , 5, 6291-6	30
1570	All-carbon composite paper as a flexible conducting substrate for the direct growth of polyaniline particles and its applications in supercapacitors. <b>2013</b> , 4, 5785	29
1569	A catalytic and efficient route for reduction of graphene oxide by hydrogen spillover. <b>2013</b> , 1, 1070-1077	33
1568	Liquid crystal self-templating approach to ultrastrong and tough biomimic composites. <b>2013</b> , 3, 2374	80
1567	Flexible graphene/polyaniline composite paper for high-performance supercapacitor. <b>2013</b> , 6, 1185	873
1566	Ionic liquid-assisted exfoliation of graphite oxide for simultaneous reduction and functionalization to graphenes with improved properties. <b>2013</b> , 1, 2663	51
1565	Preparation of stable aqueous dispersion of graphene nanosheets and their electrochemical capacitive properties. <b>2013</b> , 264, 787-793	34
1564	Graphene-related nanomaterials: tuning properties by functionalization. <b>2013</b> , 5, 4541-83	524
1563	A facile and cost-effective approach to the reduction of exfoliated graphite oxide using sodium hypophosphite under acidic conditions. <b>2013</b> , 1, 690-694	16
1562	Microbial reduction of graphene oxide by Escherichia coli: a green chemistry approach. <b>2013</b> , 102, 772-7	150
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1559	Selective removal of hydroxyl groups from graphene oxide. <b>2013</b> , 19, 2005-11	44
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1557	Graphene/polymer composites for energy applications. <b>2013</b> , 51, 231-253	199
1556	Carbon Nanomaterials for Flexible Energy Storage. <b>2013</b> , 1, 175-192	34
1555	The influence of wrinkling in reduced graphene oxide on their adsorption and catalytic properties. <b>2013</b> , 60, 157-168	69
1554	Reduction of graphene oxide at the interface between a Ni layer and a SiO <sub>2</sub> substrate. <b>2013</b> , 59, 472-478	25

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1551	CuBr assisted synthesis of bilayer graphene as anode material for lithium-ion batteries. <b>2013</b> , 106, 356-359		1
1550	The tunable electrical properties of graphene nano-bridges. <b>2013</b> , 1, 2548		6
1549	A low-temperature method to produce highly reduced graphene oxide. <i>Nature Communications</i> , <b>2013</b> , 4, 1539	17.4	371
1548	Highly conductive and flexible paper of 1D silver-nanowire-doped graphene. <b>2013</b> , 5, 1408-13		136
1547	Pt sub-nano/nanoclusters stabilized at the edge of nanographene sheets and their catalytic performance. <b>2013</b> , 92, 421-426		10
1546	Graphene oxide-Iron complex: synthesis, characterization and visible-light-driven photocatalysis. <b>2013</b> , 1, 644-650		46
1545	Nitrogen-doped partially reduced graphene oxide rewritable nonvolatile memory. <b>2013</b> , 7, 3607-15		56
1544	Carbon nanotubes bridged with graphene nanoribbons and their use in high-efficiency dye-sensitized solar cells. <b>2013</b> , 52, 3996-9		177
1543	Efficient organic solar cells with solution-processed carbon nanosheets as transparent electrodes. <b>2013</b> , 102, 043304		30
1542	Reduction of graphene oxide to highly conductive graphene by Lawesson's reagent and its electrical applications. <b>2013</b> , 1, 3104		127
1541	Carbon clusters near the step of Rh surface: implication for the initial stage of graphene nucleation. <b>2013</b> , 67, 1		5
1540	Surface energy engineered, high-resolution micropatterning of solution-processed reduced graphene oxide thin films. <b>2013</b> , 25, 894-8		31
1539	In situ processing of electrically conducting graphene/SiC nanocomposites. <b>2013</b> , 33, 1665-1674		99
1538	Strong and conductive polybenzimidazole composites with high graphene contents. <b>2013</b> , 3, 12255		16
1537	RuO <sub>2</sub> /TiSi <sub>2</sub> /graphene composite for enhanced photocatalytic hydrogen generation under visible light irradiation. <b>2013</b> , 15, 2793-9		35
1536	Highly conductive, free-standing and flexible graphene papers for energy conversion and storage devices. <b>2013</b> , 3, 8454		46

1535	Synthesis of high quality reduced graphene oxide nanosheets free of paramagnetic metallic impurities. <b>2013</b> , 1, 2789-2794	75
1534	Plasma-assisted simultaneous reduction and nitrogen doping of graphene oxide nanosheets. <b>2013</b> , 1, 4431	168
1533	Synthesis and photovoltaic performance of reduced graphene oxide/TiO <sub>2</sub> nanoparticles composites by solvothermal method. <b>2013</b> , 563, 229-233	74
1532	Homogeneous CoO on Graphene for Binder-Free and Ultralong-Life Lithium Ion Batteries. <b>2013</b> , 23, 4345-4353	313
1531	Graphene nanoelectrodes: fabrication and size-dependent electrochemistry. <b>2013</b> , 135, 10073-80	80
1530	Electrocatalytic oxidation of methanol on Pt catalyst supported on nitrogen-doped graphene induced by hydrazine reduction. <b>2013</b> , 74, 1608-1614	32
1529	Highly sensitive and selective gas sensor using hydrophilic and hydrophobic graphenes. <b>2013</b> , 3, 1868	150
1528	Graphene oxide as a recyclable phase transfer catalyst. <b>2013</b> , 49, 5702-4	31
1527	Selective and sensitive determination of uric acid in the presence of ascorbic acid and dopamine by PDDA functionalized graphene/graphite composite electrode. <b>2013</b> , 112, 31-6	53
1526	Nitrogen-doped graphene nanoplatelets from simple solution edge-functionalization for n-type field-effect transistors. <b>2013</b> , 135, 8981-8	102
1525	Fabrication of transparent, flexible conducting graphene thin films via soft transfer printing method. <b>2013</b> , 276, 437-446	23
1524	Highly efficient reduction of graphene oxide using ammonia borane. <b>2013</b> , 49, 6665-7	77
1523	Anti-solvent derived non-stacked reduced graphene oxide for high performance supercapacitors. <b>2013</b> , 25, 4437-44	168
1522	Electrical Properties and Electromagnetic Interference Shielding Response of Electrically Conducting Thermosetting Nanocomposites. <b>2013</b> , 211-237	31
1521	Factors that affect Pickering emulsions stabilized by graphene oxide. <b>2013</b> , 5, 4843-55	283
1520	An easy and eco-friendly method to prepare reduced graphene oxide with Fe(OH) <sub>2</sub> for use as a conductive additive for LiFePO <sub>4</sub> cathode materials. <b>2013</b> , 3, 4408	32
1519	Oxygen Reduction Catalyzed by Platinum Nanoparticles Supported on Graphene Quantum Dots. <b>2013</b> , 3, 831-838	164
1518	Chemical exfoliation of pure graphene sheets from synthesized ZnO/graphene quasi core-shell quantum dots. <b>2013</b> , 59, 289-295	20

1517	Reduced graphite oxide/nano Sn: a superior composite anode material for rechargeable lithium-ion batteries. <b>2013</b> , 6, 898-904	31
1516	A remarkably simple characterization of glassy carbon-supported films of graphite, graphene oxide, and chemically converted graphene using $\text{Fe}(\text{CN})_3^-/\text{Fe}(\text{CN})_4^-$ and $\text{O}_2$ as redox probes. <b>2013</b> , 3, 9550	32
1515	ZnO micro-flowers assembled on reduced graphene sheets with high photocatalytic activity for removal of pollutants. <b>2013</b> , 235, 853-858	60
1514	A green and facile one-pot synthesis of $\text{Ag}_2\text{ZnO}/\text{RGO}$ nanocomposite with effective photocatalytic activity for removal of organic pollutants. <b>2013</b> , 39, 5083-5091	98
1513	1.5 V battery driven reduced graphene oxide-silver nanostructure coated carbon foam (rGO-Ag-CF) for the purification of drinking water. <b>2013</b> , 24, 235101	17
1512	Solution-processable graphene nanomeshes with controlled pore structures. <b>2013</b> , 3, 1996	77
1511	Spontaneous reduction and assembly of graphene oxide into three-dimensional graphene network on arbitrary conductive substrates. <b>2013</b> , 3, 2065	140
1510	Synthesis of reduced graphene oxide using indole as a reducing agent and preparation of reduced graphene oxide-Ag nanocomposites. <b>2013</b> , 167, 25-30	13
1509	Flexible high performance wet-spun graphene fiber supercapacitors. <b>2013</b> , 3, 23957	137
1508	High-efficiency femtosecond $\text{Yb}:\text{Gd}_3\text{Al}(\text{O}_5)\text{Ga}(\text{O}_4)_2$ mode-locked laser based on reduced graphene oxide. <b>2013</b> , 38, 4189-92	22
1507	Spectroscopic observation of neutral carbon during photodissociation of explosive-related compounds in the vapor phase. <b>2013</b> , 52, 7083-93	2
1506	Voltage-controlled nonvolatile molecular memory of an azobenzene monolayer through solution-processed reduced graphene oxide contacts. <b>2013</b> , 25, 7045-50	39
1505	All-carbon-based field effect transistors fabricated by aerosol jet printing on flexible substrates. <b>2013</b> , 23, 065027	27
1504	A Mild and Efficient Approach for the Reduction of Graphene Oxide. <b>2013</b> , 652-654, 206-209	
1503	Graphite Oxide. <b>2013</b> , 571-604	
1502	Assembly of thermally reduced graphene oxide nanostructures by alternating current dielectrophoresis as hydrogen-gas sensors. <b>2013</b> , 103, 083112	24
1501	Characterization of graphene oxide reduced through chemical and biological processes. <b>2013</b> , 433, 012001	16
1500	Near-edge x-ray absorption fine structure spectroscopy study of nitrogen incorporation in chemically reduced graphene oxide. <b>2013</b> , 31, 041204	30

1499	Written-in conductive patterns on robust graphene oxide biopaper by electrochemical microstamping. <b>2013</b> , 52, 13784-8	116
1498	Carbon Nanotubes Bridged with Graphene Nanoribbons and Their Use in High-Efficiency Dye-Sensitized Solar Cells. <b>2013</b> , 125, 4088-4091	19
1497	Written-in Conductive Patterns on Robust Graphene Oxide Biopaper by Electrochemical Microstamping. <b>2013</b> , 125, 14029-14033	14
1496	Green synthesis of graphene and its cytotoxic effects in human breast cancer cells. <b>2013</b> , 8, 1015-27	144
1495	EFFECT OF GRAPHITE PRECURSOR ON OXIDATION DEGREE, HYDROPHILICITY AND MICROSTRUCTURE OF GRAPHENE OXIDE. <b>2014</b> , 09, 1450037	16
1494	Electrical anisotropies of carbon-nanotube-embedded graphene composite films. <b>2014</b> , 65, 429-435	1
1493	Graphene oxide film as a template for the creation of three-dimensional lamellar metal oxides and reduced graphene oxide/metal oxide hybrids. <b>2014</b> , 4, 171-175	5
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1491	Plasma-Enabled Carbon Nanostructures for Early Diagnosis of Neurodegenerative Diseases. <b>2014</b> , 7, 4896-4929	8
1490	Graphene-based ion rectifier using macroscale geometric asymmetry. <b>2014</b> , 2, 092803	9
1489	Influence of irradiation upon few-layered graphene using electron-beams and gamma-rays. <b>2014</b> , 105, 023102	21
1488	Functionalized graphenes with polymer toughener as novel interface modifier for property-tailored polylactic acid/graphene nanocomposites. <b>2014</b> , 55, 6381-6389	39
1487	Local charge transport properties of hydrazine reduced monolayer graphene oxide sheets prepared under pressure condition. <b>2014</b> , 105, 093109	3
1486	P-93: Highly Conductive and Uniform Graphene hybrid Electrode with Chemical Reduction for Flexible Organic Light-Emitting Diodes. <b>2014</b> , 45, 1336-1339	
1485	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transition-Metal Dichalcogenides and their Application as Supercapacitors. <b>2014</b> , 126, 12784-12788	54
1484	Comparative electron paramagnetic resonance investigation of reduced graphene oxide and carbon nanotubes with different chemical functionalities for quantum dot attachment. <b>2014</b> , 104, 132102	75
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1482	Electrochemical performance of nitrogen and oxygen radio-frequency plasma induced functional groups on tri-layered reduced graphene oxide. <b>2014</b> , 1, 025604	12



1481	Enhancement of Hydrophobicity and Thermal Property of Graphene Oxide by Paratoluidine Chemical Functionalization. <b>2014</b> , 809-810, 243-247	
1480	Inkjet Printing Graphene-Based Transparent Conductive Films. <b>2014</b> , 1699, 36	1
1479	Synthesis and Characterization of Mass Produced High Quality Few Layered Graphene Sheets via a Chemical Method. <b>2014</b> , 03, 7-13	37
1478	Preparation of Amino-Graphene Electrode Slice. <b>2014</b> , 543-547, 3810-3813	1
1477	Anhydrous organic dispersions of highly reduced chemically converted graphene. <b>2014</b> , 76, 368-377	23
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1475	Non-noble Fe <sub>Ni</sub> X electrocatalysts supported on the reduced graphene oxide for oxygen reduction reaction. <b>2014</b> , 76, 386-400	69
1474	3D-interconnected Nanoporous RGO-CNT Structure for Supercapacitors Application. <b>2014</b> , 125, 536-542	39
1473	Graphene and graphene oxide and their uses in barrier polymers. <b>2014</b> , 131, n/a-n/a	267
1472	Eco-efficient preparation of a N-doped graphene equivalent and its application to metal free selective oxidation reaction. <b>2014</b> , 16, 3024-3030	27
1471	Enhanced properties of aryl diazonium salt-functionalized graphene/poly(vinyl alcohol) composites. <b>2014</b> , 245, 311-322	40
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1469	Graphene-polymer nanocomposites for structural and functional applications. <b>2014</b> , 39, 1934-1972	809
1468	Reversible self-assembly of terpyridine-functionalized graphene oxide for energy conversion. <b>2014</b> , 53, 1415-9	71
1467	Dispersibility of reduced alkylamine-functionalized graphene oxides in organic solvents. <b>2014</b> , 424, 62-6	50
1466	Pool boiling experiments in reduced graphene oxide colloids. Part I Boiling characteristics. <b>2014</b> , 74, 501-512	43
1465	Reduced graphene oxide field-effect transistor with indium tin oxide extended gate for proton sensing. <b>2014</b> , 14, 738-743	15
1464	Simple approach for large-scale production of reduced graphene oxide films. <b>2014</b> , 243, 340-346	12

1463	Structural diversity of bulky graphene materials. <b>2014</b> , 10, 2200-14	39
1462	Functional Polymer Nanocomposites with Graphene: A Review. <b>2014</b> , 299, 906-931	108
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1458	Graphene oxide-based transparent conductive films. <b>2014</b> , 64, 200-247	219
1457	Rapid and controllable synthesis of nitrogen doped reduced graphene oxide using microwave-assisted hydrothermal reaction for high power-density supercapacitors. <b>2014</b> , 73, 106-113	88
1456	Mass production of graphene quantum dots by one-pot synthesis directly from graphite in high yield. <b>2014</b> , 10, 866-70	97
1455	MoS <sub>2</sub> nanoflower-decorated reduced graphene oxide paper for high-performance hydrogen evolution reaction. <b>2014</b> , 6, 5624-9	281
1454	Flexible solid-state supercapacitors: design, fabrication and applications. <b>2014</b> , 7, 2160	985
1453	25th anniversary article: Chemically modified/doped carbon nanotubes & graphene for optimized nanostructures & nanodevices. <b>2014</b> , 26, 40-66	432
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1448	An Introduction to Graphene. <b>2014</b> , 1-20	11
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1446	Self-assembly of graphene oxide at interfaces. <b>2014</b> , 26, 5586-612	273

1445	Vertical alignments of graphene sheets spatially and densely piled for fast ion diffusion in compact supercapacitors. <b>2014</b> , 8, 4580-90	261
1444	Crumpled reduced graphene oxide by flame-induced reduction of graphite oxide for supercapacitive energy storage. <b>2014</b> , 2, 5730-5737	48
1443	Hierarchical nanohybrids with porous CNT-networks decorated crumpled graphene balls for supercapacitors. <b>2014</b> , 6, 9881-9	81
1442	Selective detection of acetone and hydrogen sulfide for the diagnosis of diabetes and halitosis using SnO(2) nanofibers functionalized with reduced graphene oxide nanosheets. <b>2014</b> , 6, 2588-97	284
1441	Chemical reduction of graphene oxide: a synthetic chemistry viewpoint. <b>2014</b> , 43, 291-312	1222
1440	Facile preparation of an n-type reduced graphene oxide field effect transistor at room temperature. <b>2014</b> , 50, 1224-6	40
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1437	Comparison of the Catalytic Oxidation Reaction on Graphene Oxide and Reduced Graphene Oxide. <b>2014</b> , 118, 1142-1147	10
1436	Investigation of reduced graphene oxide effects on ultra-violet detection of ZnO thin film. <b>2014</b> , 57, 155-160	31
1435	Recyclable catalyst for catalytic hydrogenation of phenylacetylene by coupling Pd nanoparticles with highly compressible graphene aerogels. <b>2014</b> , 4, 59977-59980	16
1434	Concomitant Thionation and Reduction of Graphene Oxide Through Solid/Gas Metathetical Sulfidation Reactions at High Temperatures. <b>2014</b> , 189, 721-737	9
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1432	Direct printing and reduction of graphite oxide for flexible supercapacitors. <b>2014</b> , 105, 053902	39
1431	Aerosol jet printed p- and n-type electrolyte-gated transistors with a variety of electrode materials: exploring practical routes to printed electronics. <b>2014</b> , 6, 18704-11	62
1430	Three-dimensional highly conductive graphene-silver nanowire hybrid foams for flexible and stretchable conductors. <b>2014</b> , 6, 21026-34	102
1429	Advancement in liquid exfoliation of graphite through simultaneously oxidizing and ultrasonication. <b>2014</b> , 2, 20382-20392	19
1428	A low ion-transfer resistance and high volumetric supercapacitor using hydrophilic surface modified carbon electrodes. <b>2014</b> , 2, 6663-6668	26

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1426	Post-heating effects on the physical and electrochemical capacitive properties of reduced graphene oxide paper. <b>2014</b> , 2, 5077	38
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1424	A fast room-temperature strategy for direct reduction of graphene oxide films towards flexible transparent conductive films. <b>2014</b> , 2, 10969-10973	25
1423	Graphene derivatives: graphane, fluorographene, graphene oxide, graphyne and graphdiyne. <b>2014</b> , 2, 13193-13206	176
1422	LiYF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> upconverting submicro-particles: synthesis and formation mechanism exploration. <b>2014</b> , 4, 40223-40231	11
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1419	Alkali reduction of graphene oxide in molten halide salts: production of corrugated graphene derivatives for high-performance supercapacitors. <b>2014</b> , 8, 11225-33	96
1418	Fabrication of both the photoactive layer and the electrode by electrochemical assembly: towards a fully solution-processable device. <b>2014</b> , 50, 10448-51	14
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1416	Electroanalysis of pindolol on a GCE modified with reduced graphene oxide. <b>2014</b> , 6, 5038	20
1415	Bandgap engineering through nanocrystalline magnetic alloy grafting on reduced graphene oxide. <b>2014</b> , 16, 19661-7	9
1414	Effective production of nano-sized graphene via straight-forward exfoliation of microcrystalline graphite. <b>2014</b> , 4, 45885-45889	8
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1411	Functionalized Graphite Platelets and Lead Sulfide Quantum Dots Enhance Solar Conversion Capability of a Titanium Dioxide/Cadmium Sulfide Assembly. <b>2014</b> , 118, 18924-18937	20
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1406	A 3D scaffold for ultra-sensitive reduced graphene oxide gas sensors. <b>2014</b> , 6, 6511-4	60
1405	Durable and water-floatable ionic polymer actuator with hydrophobic and asymmetrically laser-scribed reduced graphene oxide paper electrodes. <b>2014</b> , 8, 2986-97	168
1404	Three-Dimensional Macroporous Graphene Foam Filled with Mesoporous Polyaniline Network for High Areal Capacitance. <b>2014</b> , 2, 2291-2296	55
1403	Macroscopic Graphene Structures: Preparation, Properties, and Applications. <b>2014</b> , 291-350	3
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1400	Microstructure and Spectral Characteristics of Graphene Oxide during Reduction. <b>2014</b> , 151, 21-30	3
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1397	Bio-derived calcite as a sustainable source for graphene as high-performance electrode material for energy storage. <b>2014</b> , 2, 15734-15739	14
1396	Pulicaria glutinosa plant extract: a green and eco-friendly reducing agent for the preparation of highly reduced graphene oxide. <b>2014</b> , 4, 24119-24125	59
1395	Interactive oxidation-reduction reaction for the in situ synthesis of graphene-phenol formaldehyde composites with enhanced properties. <b>2014</b> , 6, 4254-63	83
1394	Theoretical simulation of reduction mechanism of graphene oxide in sodium hydroxide solution. <b>2014</b> , 16, 12858-64	32
1393	Remarkable electrochemical stability of one-step synthesized Pd nanoparticles supported on graphene and multi-walled carbon nanotubes. <b>2014</b> , 9, 142-151	33
1392	Fabrication of ultralong hybrid microfibers from nanosheets of reduced graphene oxide and transition-metal dichalcogenides and their application as supercapacitors. <b>2014</b> , 53, 12576-80	54

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1390	Graphene quantum-dot-supported platinum nanoparticles: defect-mediated electrocatalytic activity in oxygen reduction. <b>2014</b> , 6, 14050-60	67
1389	Uniform dispersion of graphene oxide in aluminum powder by direct electrostatic adsorption for fabrication of graphene/aluminum composites. <b>2014</b> , 25, 325601	117
1388	A reactive graphene sheet in situ functionalized hyperbranched polyurethane for high performance shape memory material. <b>2014</b> , 4, 15146-15153	23
1387	Green synthesis of reduced graphene oxide/nanopolypyrrole composite: characterization and H <sub>2</sub> O <sub>2</sub> determination in urine. <b>2014</b> , 4, 12457	26
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1385	Robust microcapsules with controlled permeability from silk fibroin reinforced with graphene oxide. <b>2014</b> , 10, 5087-97	41
1384	Reduced graphene oxide (RGO)-supported NiCo <sub>2</sub> O <sub>4</sub> nanoparticles: an electrocatalyst for methanol oxidation. <b>2014</b> , 6, 10657-65	151
1383	Ultrathin hexagonal hybrid nanosheets synthesized by graphene oxide-assisted exfoliation of $\text{NiCo}(\text{OH})_2$ mesocrystals. <b>2014</b> , 20, 12444-52	16
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1380	Nanocrystalline cellulose acetate (NCCA)/graphene oxide (GO) nanocomposites with enhanced mechanical properties and barrier against water vapor. <b>2014</b> , 21, 3527-3539	70
1379	Engineered porous silicon counter electrodes for high efficiency dye-sensitized solar cells. <b>2014</b> , 6, 9904-10	20
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1375	Enzyme-integrated cholesterol biosensing scaffold based on in situ synthesized reduced graphene oxide and dendritic Pd nanostructure. <b>2014</b> , 62, 357-64	26
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1373	Pure thiophene-sulfur doped reduced graphene oxide: synthesis, structure, and electrical properties. <b>2014</b> , 6, 7281-7	105
1372	An electrocatalytic oxidation and voltammetric method using a chemically reduced graphene oxide film for the determination of caffeic acid. <b>2014</b> , 423, 33-40	42
1371	Temperature dependent electrical transport of disordered reduced graphene oxide. <b>2014</b> , 1, 011008	65
1370	New Approach to the Reduction of Graphite Oxide. <b>2014</b> , 50, 35-38	1
1369	Solvothermal Synthesis of Ni/Reduced Graphene Oxide Composites as Electrode Material for Supercapacitors. <b>2014</b> , 123, 560-568	34
1368	A highly electrically conductive graphene/silver nanowire hybrid nanomaterial for transparent conductive films. <b>2014</b> , 2, 7284	57
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1168	Lateral photovoltaic effect in flexible free-standing reduced graphene oxide film for self-powered position-sensitive detection. <b>2016</b> , 6, 33525	33
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826	Synthesis and Study of Reduced Graphene Oxide layers under Microwave Irradiation. <b>2018</b> , 5, 3403-3410	6
825	Corrosion protection performance of functionalized graphene oxide nanocomposite coating on mild steel. <b>2018</b> , 11, 63-73	32
824	Electrophoretic deposition of copper/copper hydroxide/graphene oxide nanocomposite for supercapacitor. <b>2018</b> , 29, 9067-9076	9
823	Frame-filling C/C composite for high-performance EDLCs with high withstanding voltage. <b>2018</b> , 131, 184-192	21
822	Layered Assembly of Reduced Graphene Oxide and Vanadium Oxide Heterostructure Supercapacitor Electrodes with Larger Surface Area for Efficient Energy-Storage Performance. <b>2018</b> , 1, 1567-1574	30
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820	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <b>2018</b> , 16, 821-844	48
819	Fire Alarm Wallpaper Based on Fire-Resistant Hydroxyapatite Nanowire Inorganic Paper and Graphene Oxide Thermosensitive Sensor. <b>2018</b> , 12, 3159-3171	97
818	Laminar reduced graphene oxide membrane modified with silver nanoparticle-polydopamine for water/ion separation and biofouling resistance enhancement. <b>2018</b> , 426, 21-31	40
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814	Tunable semi-permeability of graphene-based membranes by adjusting reduction degree of laminar graphene oxide layer. <b>2018</b> , 547, 73-79	87
813	Superelastic wire-shaped supercapacitor sustaining 850% tensile strain based on carbon nanotube@graphene fiber. <b>2018</b> , 11, 2347-2356	46
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811	Applications of Phosphorene and Black Phosphorus in Energy Conversion and Storage Devices. <b>2018</b> , 8, 1702093	272
810	Growth of defect-engineered graphene on manganese oxides for Li-ion storage. <b>2018</b> , 12, 110-118	21
809	Synergetic effects of Fe doped spinel LiTiO nanoparticles on reduced graphene oxide for high surface electrode hybrid supercapacitors. <b>2018</b> , 10, 1877-1884	130
808	Reduction of Graphene Oxide Thin Films by Cobaltocene and Decamethylcobaltocene. <b>2018</b> , 10, 2004-2015	16
807	In situ reduced graphene oxide-based polyurethane sponge hollow tube for continuous oil removal from water surface. <b>2018</b> , 25, 4837-4845	10
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805	Functional reduced graphene oxide-based membranes with selective ion transport channels for zwitterionic ions separation based on the pH gradient. <b>2018</b> , 10, 1119-1128	6
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803	Heterojunction photodetector based on graphene oxide sandwiched between ITO and p-Si. <b>2018</b> , 65, 353-360	4
802	Ruthenium Ion-Complexed Graphitic Carbon Nitride Nanosheets Supported on Reduced Graphene Oxide as High-Performance Catalysts for Electrochemical Hydrogen Evolution. <b>2018</b> , 11, 130-136	54
801	Synthesis of Fe@Ni nanoparticles-modified graphene/epoxy composites with enhanced microwave absorption performance. <b>2018</b> , 29, 3348-3357	20
800	Enhanced Thermal Stability and Biocompatibility of Gold Nanorods by Graphene Oxide. <b>2018</b> , 13, 1585-1594	10
799	Highly flexible and shape-persistent graphene microtube and its application in supercapacitor. <b>2018</b> , 126, 419-425	21
798	Highly flexible, mechanically stable, and sensitive NO <sub>2</sub> gas sensors based on reduced graphene oxide nanofibrous mesh fabric for flexible electronics. <b>2018</b> , 257, 846-852	50

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790	Environmentally Benign Metal-Free Reduction of GO Using Molecular Hydrogen: A Mechanistic Insight. <b>2018</b> , 3, 15112-15118	1
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4 <sup>16</sup>	Structured graphene metamaterial selective absorbers for high efficiency and omnidirectional solar thermal energy conversion. <i>Nature Communications</i> , <b>2020</b> , 11, 1389	17.4 126
4 <sup>15</sup>	A lignin-based carbon aerogel enhanced by graphene oxide and application in oil/water separation. <b>2020</b> , 278, 118376	17
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4 <sup>06</sup>	A review on strategies for the fabrication of graphene fibres with graphene oxide.. <b>2020</b> , 10, 5722-5733	9
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