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Reduction of graphene oxide via L-ascorbic acid

DOI: 10.1039/b917705a Chemical Communications, 2010, 46, 1112-4.

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| 1650 | Electrochemical oxidation behavior of 8-azaguanine at graphene-Nafion composite film-modified glassy carbon electrode. <b>2014</b> , 18, 1593-1600   | 6   |
| 1649 | Facile synthesis of soluble graphene quantum dots and its improved property in detecting heavy metal ions. <b>2014</b> , 118, 72-6   | 45  |
| 1648 | Facile synthesis of monodisperse porous Cu2O nanospheres on reduced graphene oxide for non-enzymatic amperometric glucose sensing. <b>2014</b> , 115, 103-108  | 95  |
| 1647 | Star-shaped Pd@Pt coreEhell catalysts supported on reduced graphene oxide with superior electrocatalytic performance. <b>2014</b> , 2, 6976-6986   | 149 |
| 1646 | Facile one-pot synthesis of folic acid-modified graphene to improve the performance of graphene-based sensing strategy. <b>2014</b> , 426, 293-9   | 12  |
| 1645 | Nitrated graphene oxide and its catalytic activity in thermal decomposition of ammonium perchlorate. <b>2014</b> , 50, 73-78   | 57  |

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| 1644 | fabrication of an electrochemical sensor for the simultaneous determination of tramadol and acetaminophen. <b>2014</b> , 831, 50-9  | 105  |
|------|---|------|
| 1643 | In-plane functionalizing graphene nanolayers with polystyrene by atom transfer radical polymerization: Grafting from hydroxyl groups. <b>2014</b> , 35, 386-395                               | 41   |
| 1642 | Graphene. <b>2014</b> , 1-32  | 2    |
| 1641 | A one-step method for preparation of Cu@Cu2O nanoparticles on reduced graphene oxide and their catalytic activities in N-arylation of N-heterocycles. <b>2014</b> , 481, 79-88                | 55   |
| 1640 | Clicking graphene oxide and Fe3O4 nanoparticles together: an efficient adsorbent to remove dyes from aqueous solutions. <b>2014</b> , 11, 1527-1536   | 52   |
| 1639 | Sulfonic acid-functionalized, reduced graphene oxide as an advanced interfacial material leading to donor polymer-independent high-performance polymer solar cells. <b>2014</b> , 2, 292-298  | 64   |
| 1638 | Chemical reduction of graphene oxide: a synthetic chemistry viewpoint. <b>2014</b> , 43, 291-312  | 1222 |
| 1637 | Photoreduction of Graphene Oxides: Methods, Properties, and Applications. <b>2014</b> , 2, 10-28  | 191  |
| 1636 | Role of thickness and intercalated water in the facile reduction of graphene oxide employing camera flash. <b>2014</b> , 25, 075702   | 10   |
| 1635 | Moderately reduced graphene oxide as hole transport layer in polymer solar cells via thermal assisted spray process. <b>2014</b> , 296, 140-146   | 36   |
| 1634 | Reaction mechanisms of graphene oxide chemical reduction by sulfur-containing compounds. <b>2014</b> , 67, 146-155  | 25   |
| 1633 | Synthesis and characterization of surface modified graphenelirconium oxide nanocomposite and its possible use for the removal of chlorophenol from aqueous solution. <b>2014</b> , 2, 199-210 | 29   |
| 1632 | Composite of graphene quantum dots and Fe3O4 nanoparticles: peroxidase activity and application in phenolic compound removal. <b>2014</b> , 4, 3299-3305                                      | 71   |
| 1631 | Graphene oxide doped conducting polymer nanocomposite film for electrode-tissue interface. <b>2014</b> , 35, 2120-9   | 90   |
| 1630 | Iodide-mediated room temperature reduction of graphene oxide: a rapid chemical route for the synthesis of a bifunctional electrocatalyst. <b>2014</b> , 2, 1332-1340                          | 118  |
| 1629 | TiO2/graphene nanocomposites from the direct reduction of graphene oxide by metal evaporation. <b>2014</b> , 68, 319-329  | 28   |
| 1628 | ZnO nanowire/reduced graphene oxide nanocomposites for significantly enhanced photocatalytic degradation of Rhodamine 6G. <b>2014</b> , 56, 251-255   | 60   |
| 1627 | Enhanced microwave absorption properties of N-doped graphene@PANI nanorod arrays hierarchical structures modified by Fe3O4 nanoclusters. <b>2014</b> , 198, 300-307                           | 26   |

| 1626 | In situ green synthesis of Au nanoparticles onto polydopamine-functionalized graphene for catalytic reduction of nitrophenol. <b>2014</b> , 4, 64816-64824   |      | 79  |
|------|--|------|-----|
| 1625 | EDTA-induced self-assembly of 3D graphene and its superior adsorption ability for paraquat using a teabag. <b>2014</b> , 6, 19766-73   |      | 48  |
| 1624 | Simple Synthesis of Graphene Oxide Using Ultrasonic Cleaner from Expanded Graphite. 2014, 53, 17878-   | 1788 | 339 |
| 1623 | An optimized, sensitive and stable reduced graphene oxide <b>g</b> old nanoparticle-luminol-H 2 O 2 chemiluminescence system and its potential analytical application. <b>2014</b> , 23, 048103              |      | 2   |
| 1622 | Transformation and destabilization of graphene oxide in reducing aqueous solutions containing sulfide. <b>2014</b> , 33, 2647-53   |      | 21  |
| 1621 | Green synthesis of thiolated graphene nanosheets by alliin (garlic) and its effect on the deposition of gold nanoparticles. <b>2014</b> , 4, 5986  |      | 6   |
| 1620 | Hydrophilic CuSe/reduced graphene oxide nanocomposites with tunable plasmonic properties and their applications in cellular dark-field microscopic imaging. <b>2014</b> , 2, 7027-7033                       |      | 32  |
| 1619 | Porous conducting polymer and reduced graphene oxide nanocomposites for room temperature gas detection. <b>2014</b> , 4, 42546-42553   |      | 40  |
| 1618 | Platinumgraphene hybrid nanostructure as anode and cathode electrocatalysts in proton exchange membrane fuel cells. <b>2014</b> , 2, 4912-4918   |      | 31  |
| 1617 | Dispersible composites of exfoliated graphite and polyaniline with improved electrochemical behaviour for solid-state chemical sensor applications. <b>2014</b> , 4, 46340-46350                             |      | 25  |
| 1616 | Fabrication of Electrochemical Reduced Graphene Oxide Films on Glassy Carbon Electrode by Pulsed Potentiostatic Methods and Its Electrochemical Application. <b>2014</b> , 61, 1245-1253                     |      | 8   |
| 1615 | Self-assembled reduced graphene oxide/polyacrylamide conductive composite films. <b>2014</b> , 6, 19783-90   |      | 17  |
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| 1613 | A small-sized graphene oxide supramolecular assembly for targeted delivery of camptothecin. <i>Chemical Communications</i> , <b>2014</b> , 50, 13066-9   | 5.8  | 57  |
| 1612 | Electroanalysis of pindolol on a GCE modified with reduced graphene oxide. <b>2014</b> , 6, 5038   |      | 20  |
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| 1609 | Label free selective detection of estriol using graphene oxide-based fluorescence sensor. <b>2014</b> , 116, 034701  |      | 13  |

| 1608 | Novel water-soluble multi-nanopore graphene modified glassy carbon electrode for simultaneous determination of dopamine and uric acid in the presence of ascorbic acid. <b>2014</b> , 143, 366-373                                 |     | 40  |
|------|--|-----|-----|
| 1607 | Mechanically strong high performance layered polypyrrole nano fibre/graphene film for flexible solid state supercapacitor. <b>2014</b> , 79, 554-562   |     | 92  |
| 1606 | Shape-controlled porous nanocarbons for high performance supercapacitors. <b>2014</b> , 2, 5236  |     | 47  |
| 1605 | Prospective life cycle assessment of graphene production by ultrasonication and chemical reduction. <b>2014</b> , 48, 4529-36  |     | 96  |
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| 1602 | Underwater superoleophobic graphene oxide coated meshes for the separation of oil and water. <i>Chemical Communications</i> , <b>2014</b> , 50, 5586-9   | 5.8 | 209 |
| 1601 | Rate and mechanistic investigation of Eu(OTf)Emediated reduction of graphene oxide at room temperature. <b>2014</b> , 118, 5524-31   |     | 7   |
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| 1599 | In situ polymerization deposition of porous conducting polymer on reduced graphene oxide for gas sensor. <b>2014</b> , 6, 13807-14   |     | 116 |
| 1598 | An electrochemical sensor for dopamine based on poly(o-phenylenediamine) functionalized with electrochemically reduced graphene oxide. <b>2014</b> , 4, 3743-3749  |     | 15  |
| 1597 | Simple synthesis of platinumpalladium nanoflowers on reduced graphene oxide and their enhanced catalytic activity for oxygen reduction reaction. <b>2014</b> , 269, 136-143  |     | 27  |
| 1596 | Investigation of a hydrothermal reduced graphene oxide nano coating on Ti substrate and its nano-tribological behavior. <b>2014</b> , 254, 298-304   |     | 35  |
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| 1594 | Graphene produced by electrochemical exfoliation. <b>2014</b> , 81-98  |     | 5   |
| 1593 | 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  |
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| 1591 | Fabrication of nano-ZnS coated PEDOT-reduced graphene oxide hybrids modified glassy carbon-rotating disk electrode and its application for simultaneous determination of adenine, guanine, and thymine. <b>2014</b> , 203, 271-281 |     | 25  |

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|------|---|-----|
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| 1588 | Apparent Roughness as Indicator of (Local) Deoxygenation of Graphene Oxide. <b>2014</b> , 26, 4849-4855   | 9   |
| 1587 | Graphene Paste Electrode: Analytical Applications for the Quantification of Dopamine, Phenolic Compounds and Ethanol. <b>2014</b> , 26, 1694-1701   | 17  |
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| 1585 | Graphene oxide-zinc oxide nanocomposite as channel layer for field effect transistors: effect of ZnO loading on field effect transport. <b>2014</b> , 6, 16941-8  | 20  |
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| 1583 | Facile synthesis of soluble functional graphene by reduction of graphene oxide via acetylacetone and its adsorption of heavy metal ions. <b>2014</b> , 25, 395602   | 24  |
| 1582 | Fluorine-functionalized and simultaneously reduced graphene oxide as a novel hole transporting layer for highly efficient and stable organic photovoltaic cells. <b>2014</b> , 6, 7183-7                            | 67  |
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| 1580 | Herpes simplex virus type-1 attachment inhibition by functionalized graphene oxide. <b>2014</b> , 6, 1228-35  | 116 |
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| 1578 | Interfacial assembly and electrochemical properties of nafion-modified-graphene/polyaniline hollow spheres. <b>2014</b> , 55, 4459-4467   | 12  |
| 1577 | Peptide nucleic acid-mediated aggregation of reduced graphene oxides and label-free detection of DNA mutation. <b>2014</b> , 118, 6297-301  | 6   |
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| 1574 | Improved Electrochemical Performance of Cu3B2O6-Based Conversion Model Electrodes by Composite Formation with Different Carbon Additives. <b>2014</b> , 161, A1224-A1230  | 2   |
| 1573 | Edge-functionalized graphene nanoplatelets with polystyrene by atom transfer radical polymerization: grafting through carboxyl groups. <b>2014</b> , 63, 1912-1923  | 46  |

| 1572 | Single-layer graphene oxide reinforced metal matrix composites by laser sintering: Microstructure and mechanical property enhancement. <b>2014</b> , 80, 183-193                    | 129 |
|------|---|-----|
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| 1565 | Bio-reduction of graphene oxide using drained water from soaked mung beans (Phaseolus aureus L.) and its application as energy storage electrode material. <b>2014</b> , 186, 33-40 | 80  |
| 1564 | Preparation and characterizations of Cu2O/reduced graphene oxide nanocomposites with high photo-catalytic performances. <b>2014</b> , 261, 42-48                                    | 98  |
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| 1561 | Correlation between the adsorption ability and reduction degree of graphene oxide and tuning of adsorption of phenolic compounds. <b>2014</b> , 69, 101-112                         | 142 |
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| 1559 | Nonenzymatic amperometric sensor for ascorbic acid based on hollow gold/ruthenium nanoshells. <b>2014</b> , 819, 94-101   | 27  |
| 1558 | Spectra investigation on surface characteristics of graphene oxide nanosheets treated with tartaric, malic and oxalic acids. <b>2014</b> , 118, 1020-4                              | 18  |
| 1557 | Body temperature reduction of graphene oxide through chitosan functionalisation and its application in drug delivery. <b>2014</b> , 34, 50-3  | 37  |
| 1556 | Magnetic prussian blue/graphene oxide nanocomposites caged in calcium alginate microbeads for elimination of cesium ions from water and soil. <b>2014</b> , 246, 10-19              | 130 |
| 1555 | RGO-wrapped MnO2 composite electrode for supercapacitor application. <b>2014</b> , 262, 226-229   | 25  |

| 1554 | Facile and green synthesis of graphene. <b>2014</b> , 4, 22470-22475   | 27  |
|------|--|-----|
| 1553 | Surfactant-assisted synthesis of reduced graphene oxide/polyaniline composites by gamma irradiation for supercapacitors. <b>2014</b> , 49, 5667-5675   | 27  |
| 1552 | In situ controllable synthesis of magnetic Prussian blue/graphene oxide nanocomposites for removal of radioactive cesium in water. <b>2014</b> , 2, 326-332                                      | 172 |
| 1551 | Solvent-free mechanochemical reduction of graphene oxide. <b>2014</b> , 77, 501-507  | 33  |
| 1550 | One-step reduction and functionalization protocol to synthesize polydopamine wrapping Ag/graphene hybrid for efficient oxidation of hydroquinone to benzoquinone. <b>2014</b> , 160-161, 400-407 | 47  |
| 1549 | Unusual morphologies of reduced graphene oxide and polyaniline nanofibers-reduced graphene oxide composites for high performance supercapacitor applications. <b>2014</b> , 4, 22551-22560       | 26  |
| 1548 | Electrochemical synthesis of poly(3,4-ethylenedioxythiophene) in aqueous dispersion of high porosity reduced graphene oxide. <b>2014</b> , 4, 25279-25286  | 56  |
| 1547 | Facile self-assembly of honeycomb ZnO particles decorated reduced graphene oxide. <b>2014</b> , 128, 242-244   | 14  |
| 1546 | A green approach for the reduction of graphene oxide nanosheets using non-aromatic amino acids. <b>2014</b> , 76, 193-202  | 123 |
| 1545 | Green synthesis of flower-like ZnO decorated reduced graphene oxide composites. <b>2014</b> , 40, 1241-1244  | 16  |
| 1544 | An in vitro evaluation of graphene oxide reduced by Ganoderma spp. in human breast cancer cells (MDA-MB-231). <b>2014</b> , 9, 1783-97   | 57  |
| 1543 | Graphene-Based Materials for Electrochemical Energy Storage. <b>2014,</b> 195-258  |     |
| 1542 | Raman and Infrared Spectroscopic Characterization of Graphene. <b>2014</b> , 165-194   |     |
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| 1537 | Improved Heat Spreading Performance of Functionalized Graphene in Microelectronic Device Application. <b>2015</b> , 25, 4430-4435  | 84  |

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| 1536 | Enhanced thermoelectric performance by alcoholic solvents effects in highly conductive benzenesulfonate-doped poly(3,4-ethylenedioxythiophene)/graphene composites. <b>2015</b> , 132, n/a-n/a | 5   |
|------|--|-----|
| 1535 | Voltammetric Determination of Sophoridine Based on Gold Nanoparticles/L-cysteine/ Graphene Modified Glassy Carbon Electrode. <b>2015</b> , 62, 528-535   |     |
| 1534 | Miniaturized Supercapacitors: Focused Ion Beam Reduced Graphene Oxide Supercapacitors with Enhanced Performance Metrics. <b>2015</b> , 5, 1500665  | 48  |
| 1533 | Sittint/rGO Nanoheterostructures as High-Performance Lithium-Ion-Battery Anodes. <b>2015</b> , 2, 1983-1990  | 29  |
| 1532 | Surfactant-Exfoliated Highly Dispersive Pd-Supported Graphene Oxide Nanocomposite as a Catalyst for Aerobic Aqueous Oxidations of Alcohols. <b>2015</b> , 7, 1678-1683                         | 47  |
| 1531 | Transformation of graphene oxide by ferrous iron: Environmental implications. <b>2015</b> , 34, 1975-82  | 32  |
| 1530 | Probing Bio-Nano Interactions between Blood Proteins and Monolayer-Stabilized Graphene Sheets. <b>2015</b> , 11, 5814-25   | 19  |
| 1529 | LDPE/EVA/graphene nanocomposites with enhanced mechanical and gas permeability properties. <b>2015</b> , 26, 1083-1090   | 25  |
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| 1525 | Adsorption of Phenol from Aqueous Solutions by Carbon Nanomaterials of One and Two Dimensions: Kinetic and Equilibrium Studies. <b>2015</b> , 2015, 1-14                                       | 33  |
| 1524 | Fabrication and Characteristics of Reduced Graphene Oxide Produced with Different Green Reductants. <b>2015</b> , 10, e0144842   | 145 |
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| 1521 | In situ fabrication and characterization of graphene/geopolymer composites. <b>2015</b> , 41, 11242-11250  | 48  |
| 1520 | Improvement of Energy Capacity with Vitamin C Treated Dual-Layered Graphene-Sulfur Cathodes in Lithium-Sulfur Batteries. <b>2015</b> , 8, 2883-91  | 19  |
| 1519 | Enhanced Electrochemical Performance of Lithium Iron(II) Phosphate Modified Cooperatively via Chemically Reduced Graphene Oxide and Polyaniline. <b>2015</b> , 173, 310-315                    | 20  |

| 1518 | Mechanically stable thermally crosslinked poly(acrylic acid)/reduced graphene oxide aerogels. <b>2015</b> , 7, 6220-9  | 105 |
|------|--|-----|
| 1517 | Platinum nanoparticles/graphene-oxide hybrid with excellent peroxidase-like activity and its application for cysteine detection. <b>2015</b> , 140, 5251-6                             | 81  |
| 1516 | Exceedingly biocompatible and thin-layered reduced graphene oxide nanosheets using an eco-friendly mushroom extract strategy. <b>2015</b> , 10, 1505-19                                | 99  |
| 1515 | Synthesis, Structure, and Characterizations. <b>2015</b> , 1-28  | 5   |
| 1514 | Pristine reduced graphene oxide as an energy-matched auxiliary electron acceptor in nanoarchitectural metal oxide/poly(3-hexylthiophene) hybrid solar cell. <b>2015</b> , 293, 246-252 | 20  |
| 1513 | Reduced graphene oxide and polypyrrole/reduced graphene oxide composite coated stretchable fabric electrodes for supercapacitor application. <b>2015</b> , 172, 12-19                  | 85  |
| 1512 | Electrocapacitance of hybrid film based on graphene oxide reduced by ascorbic acid. <b>2015</b> , 106, 398-405   | 11  |
| 1511 | A Development of Graphene Based Chemiresistive Sensor: Demonstrations on pH Sensing, and Cell Detection. <b>2015</b> , 1103, 137-143   | 1   |
| 1510 | Poly(ionic liquids) functionalized polypyrrole/graphene oxide nanosheets for electrochemical sensor to detect dopamine in the presence of ascorbic acid. <b>2015</b> , 70, 289-98      | 113 |
| 1509 | Highly Sensitive Pressure Sensor Array With Photothermally Reduced Graphene Oxide. <b>2015</b> , 36, 180-182   | 17  |
| 1508 | Improved Reduction of Graphene Oxide. <b>2015</b> , 2, 423-430   | 14  |
| 1507 | CRGO/alginate microbeads: an enzyme immobilization system and its potential application for a continuous enzymatic reaction. <b>2015</b> , 3, 9315-9322                                | 16  |
| 1506 | Charge transport mechanism of hydrazine hydrate reduced graphene oxide. <b>2015</b> , 9, 392-396   | 14  |
| 1505 | Wafer-scale epitaxial graphene on SiC for sensing applications. 2015,  | 2   |
| 1504 | Fabrication and biocompatibility of reduced graphene oxide/poly(vinylidene fluoride) composite membranes. <b>2015</b> , 5, 99841-99847   | 13  |
| 1503 | Graphene Oxide: A Fertile Nanosheet for Various Applications. <b>2015</b> , 84, 121012   | 19  |
| 1502 | Facile one-pot and rapid synthesis of surfactant-free Au-reduced graphene oxide nanocomposite for trace arsenic (III) detection. <b>2015</b> , 157, 183-190                            | 40  |
| 1501 | A facile one-pot synthesis of starch functionalized graphene as nano-carrier for pH sensitive and starch-mediated drug delivery. <b>2015</b> , 128, 86-93                              | 48  |

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| 1500 | Sensitive determination of quinoline yellow using poly (diallyldimethylammonium chloride) functionalized reduced graphene oxide modified grassy carbon electrode. <b>2015</b> , 181, 127-32                    | 28 |
|------|--|----|
| 1499 | Toxicity mechanism of graphene oxide and nitrogen-doped graphene quantum dots in RBCs revealed by surface-enhanced infrared absorption spectroscopy. <b>2015</b> , 4, 885-894                                  | 52 |
| 1498 | Versatile photoluminescence from graphene and its derivatives. <b>2015</b> , 88, 86-112  | 64 |
| 1497 | Effect of functional groups on dielectric, optical gas sensing properties of graphene oxide and reduced graphene oxide at room temperature. <b>2015</b> , 5, 10816-10825                                       | 74 |
| 1496 | Reductant- and stabilizer-free synthesis of graphenepolyaniline aqueous colloids for potential waterborne conductive coating application. <b>2015</b> , 5, 20186-20192   | 11 |
| 1495 | Intercalation and Exfoliation Compounds of Graphite Oxide with Quaternary Phosphonium Ions. <b>2015</b> , 27, 1590-1596  | 27 |
| 1494 | Reducing graphene oxide with a modified Birch reaction. <b>2015</b> , 5, 11124-11127   | 6  |
| 1493 | A template-free facile approach for the synthesis of CuSEGO nanocomposites towards enhanced photocatalytic reduction of organic contaminants and textile effluents. <b>2015</b> , 5, 15831-15840               | 74 |
| 1492 | Hierarchical nanostructured polypyrrole/graphene composites as supercapacitor electrode. <b>2015</b> , 5, 15096-15102  | 79 |
| 1491 | Thermoelectric behavior of poly(3,4-ethylenedioxythiophene)/graphene composites depending on benzenesulfonate derivatives doped in polymer chains. <b>2015</b> , 26, 2544-2554                                 | 7  |
| 1490 | Large-area preparation of high-quality and uniform three-dimensional graphene networks through thermal degradation of graphene oxide-nitrocellulose composites. <b>2015</b> , 7, 1057-64                       | 26 |
| 1489 | Efficient reduction of graphene oxide nanosheets using Na2C2O4 as a reducing agent. <b>2015</b> , 08, 1550026  | 5  |
| 1488 | An effective non-covalent grafting approach to functionalize individually dispersed reduced graphene oxide sheets with high grafting density, solubility and electrical conductivity. <b>2015</b> , 7, 3548-57 | 57 |
| 1487 | Efficient removal of phenol and aniline from aqueous solutions using graphene oxide/polypyrrole composites. <b>2015</b> , 203, 80-89   | 45 |
| 1486 | Chemically converting graphene oxide to graphene with organic base for Suzuki reaction. <b>2015</b> , 67, 77-82  | 15 |
| 1485 | 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                                 | 53 |
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| 1160 | Tunable (violet to green) emission by high-yield graphene quantum dots and exploiting its unique properties towards sun-light-driven photocatalysis and supercapacitor electrode materials. <b>2017</b> , 11, 76-86 | 56 |
| 1159 | Carbokatalyse in Fl\(\text{S}\)sigphasenreaktionen. <b>2017</b> , 129, 956-985  | 30 |

| 1158 | Improved mechanical and barrier properties of starch film with reduced graphene oxide modified by SDBS. <b>2017</b> , 134,  | 20  |
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| 1140 | Highly Conductive Semitransparent Graphene Circuits Screen-Printed from Water-Based Graphene Oxide Ink. <b>2017</b> , 2, 1700011  | 43 |
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| 1123 | Graphene oxide doped poly(vinylidene fluoride-co-hexafluoropropylene) gel electrolyte for lithium ion battery. <b>2017</b> , 23, 2045-2053  | 15 |

| 1122         | Humidity effects on scanning polarization force microscopy imaging. <b>2017</b> , 412, 497-504  | 5   |
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| 1116         | Green reduction of graphene oxide via Lycium barbarum extract. <b>2017</b> , 246, 351-356   | 56  |
| 1115         | Enhanced organophilic separations with mixed matrix membranes of polymers of intrinsic microporosity and graphene-like fillers. <b>2017</b> , 526, 437-449  | 41  |
| 1114         | An attempt towards fabricating reduced graphene oxide composites with traditional polymer processing techniques by adding chemical reduction agents. <b>2017</b> , 140, 16-22   | 26  |
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|------|--|----------|
| 1103 | Mechanically robust, photopatternable conductive hydrogel composites. <b>2017</b> , 120, 66-73   | 22       |
| 1102 | Fluorine-free ionic liquid based on thiocyanate anion with propylene carbonate as electrolytes for supercapacitors: Effects of concentration and temperature. <b>2017</b> , 33, 779-784  | 6        |
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| 1093 | Synthesis of Core/Shell ZnO/rGO Nanoparticles by Calcination of ZIF-8/rGO Composites and Their Photocatalytic Activity. <b>2017</b> , 2, 4946-4954   | 51       |
|      |  |          |
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|--------------------------------------|--|-----------------------------|
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| 1077                                 | Mechanical properties of graphene and graphene-based nanocomposites. <b>2017</b> , 90, 75-127  | 1091                        |
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