

Graphene: Promises, Facts, Opportunities, and Challenges

Chemical Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Supramolecular photocatalyst of RGO-cyclodextrin-TiO ₂ . Journal of Alloys and Compounds, 2013, 580, 239-244.	2.8	15
2	Synthesis of a solar photo and bioactive CNT@TiO ₂ nanocatalyst. RSC Advances, 2013, 3, 18529.	1.7	22
3	Flash photo stimulation of human neural stem cells on graphene/TiO ₂ heterojunction for differentiation into neurons. Nanoscale, 2013, 5, 10316.	2.8	203
4	Graphene oxide: a stable carbon framework for functionalization. Journal of Materials Chemistry A, 2013, 1, 11559.	5.2	114
5	Adsorption of Chlorobenzene onto (5,5) Armchair Single-Walled Carbon Nanotube and Graphene Sheet: Toxicity versus Adsorption Strength. Journal of Physical Chemistry C, 2013, 117, 21217-21227.	1.5	39
6	Enhancing Cell Nucleus Accumulation and DNA Cleavage Activity of Anti-Cancer Drug via Graphene Quantum Dots. Scientific Reports, 2013, 3, 2852.	1.6	158
7	The effects of composition and surface chemistry on the toxicity of quantum dots. Journal of Materials Chemistry B, 2013, 1, 6485.	2.9	59
8	Controlled functionalization of graphene oxide with sodium azide. Nanoscale, 2013, 5, 12136.	2.8	54
9	Fabrication of a boron nitride@gold nanocluster composite and its versatile application for immunoassays. Chemical Communications, 2013, 49, 10757.	2.2	75
10	Aggregation Kinetics of Graphene Oxides in Aqueous Solutions: Experiments, Mechanisms, and Modeling. Langmuir, 2013, 29, 15174-15181.	1.6	381
11	Biocompatibility effects of biologically synthesized graphene in primary mouse embryonic fibroblast cells. Nanoscale Research Letters, 2013, 8, 393.	3.1	89
12	Graphene-based contrast agents for photoacoustic and thermoacoustic tomography. Photoacoustics, 2013, 1, 62-67.	4.4	104
13	Steady state and time resolved spectroscopic study of C-dots@MEH-PPV polymer nanoparticles composites. Physical Chemistry Chemical Physics, 2013, 15, 16834.	1.3	26
14	Graphene nanogrids for selective and fast osteogenic differentiation of human mesenchymal stem cells. Carbon, 2013, 59, 200-211.	5.4	215
15	Hard corona composition and cellular toxicities of the graphene sheets. Colloids and Surfaces B: Biointerfaces, 2013, 109, 212-218.	2.5	64
16	Graphene oxide mediated delivery of methylene blue for combined photodynamic and photothermal therapy. Biomaterials, 2013, 34, 6239-6248.	5.7	335
17	25th Anniversary Article: The Evolution of Electronic Skin (E-Skin): A Brief History, Design Considerations, and Recent Progress. Advanced Materials, 2013, 25, 5997-6038.	11.1	2,001
18	Favorable adsorption of capped amino acids on graphene substrate driven by desolvation effect. Journal of Chemical Physics, 2013, 139, 174711.	1.2	37

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19	Differentiation of human neural stem cells into neural networks on graphene nanogrids. <i>Journal of Materials Chemistry B</i> , 2013, 1, 6291.	2.9	153
20	MULTIFUNCTIONAL FULLERENE- AND METALLOFULLERENE-BASED NANOBOMATERIALS. <i>Nano LIFE</i> , 2013, 03, 1342003.	0.6	52
21	Plasma Breakâ€œDown and Reâ€œBuild: Same Functional Vertical Graphenes from Diverse Natural Precursors. <i>Advanced Materials</i> , 2013, 25, 5638-5642.	11.1	80
23	Graphene Oxide as a Pathogenâ€œRevealing Agent: Sensing with a Digitalâ€œLike Response. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13779-13783.	7.2	56
24	Effect of the protein corona on nanoparticles for modulating cytotoxicity and immunotoxicity. <i>International Journal of Nanomedicine</i> , 2015, 10, 97.	3.3	175
25	Graphene: One Material, Many Possibilitiesâ€œApplication Difficulties in Biological Systems. <i>Journal of Nanomaterials</i> , 2014, 2014, 1-11.	1.5	59
26	Carbon nanomaterials as new tools for immunotherapeutic applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6144-6156.	2.9	39
27	High Correlation between Oxidation Loci on Graphene Oxide. <i>Angewandte Chemie</i> , 2014, 126, 10354-10358.	1.6	21
28	An atomic charge model for graphene oxide for exploring its bioadhesive properties in explicit water. <i>Journal of Chemical Physics</i> , 2014, 141, 044705.	1.2	40
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30	Accelerated differentiation of neural stem cells into neurons on ginseng-reduced graphene oxide sheets. <i>Carbon</i> , 2014, 66, 395-406.	5.4	215
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33	Superparamagnetic zinc ferrite spinelâ€œgraphene nanostructures for fast wastewater purification. <i>Carbon</i> , 2014, 69, 230-238.	5.4	208
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43	Investigation of the Thermal Stability of the Carbon Framework of Graphene Oxide. <i>Chemistry - A European Journal</i> , 2014, 20, 984-989.	1.7	49
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55	Exfoliation of Graphite with Triazine Derivatives under Ball-Milling Conditions: Preparation of Few-Layer Graphene via Selective Noncovalent Interactions. <i>ACS Nano</i> , 2014, 8, 563-571.	7.3	241
56	Exploration of Nanostructured Functional Materials Based on Hybridization of Inorganic 2D Nanosheets. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3847-3863.	1.5	115

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68	Synthesis of Core-Shell Graphitic Carbon@Silica Nanospheres with Dual-Ordered Mesopores for Cancer-Targeted Photothermochemotherapy. <i>ACS Nano</i> , 2014, 8, 7870-7879.	7.3	88
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73	High Correlation between Oxidation Loci on Graphene Oxide. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10190-10194.	7.2	86
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