

Graphene based materials: Past, present and future

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The Computational Complexity of Approximation Algorithms for Robust Stability in Rank-Two Matrix Polytopes. , 1993, , .		1
2	Assembly of CdS Nanoparticles on the Two-Dimensional Graphene Scaffold as Visible-Light-Driven Photocatalyst for Selective Organic Transformation under Ambient Conditions. Journal of Physical Chemistry C, 2011, 115, 23501-23511.	1.5	333
3	Anchoring Ceria Nanoparticles on Reduced Graphene Oxide and Their Electronic Transport Properties. Journal of Physical Chemistry C, 2011, 115, 24494-24500.	1.5	125
4	Graphene-based photocatalytic composites. RSC Advances, 2011, 1, 1426.	1.7	499
5	Functionalized Graphene Nanocomposites. , 0, , .		21
6	Recent advances of inorganic fillers in mixed matrix membrane for gas separation. Separation and Purification Technology, 2011, 81, 243-264.	3.9	543
7	Acetylcholinesterase biosensor based on 3-carboxyphenylboronic acid/reduced graphene oxideâ€“gold nanocomposites modified electrode for amperometric detection of organophosphorus and carbamate pesticides. Sensors and Actuators B: Chemical, 2011, 160, 1255-1261.	4.0	174
8	Sum frequency generation study on the orientation of room-temperature ionic liquid at the grapheneâ€“ionic liquid interface. Chemical Physics Letters, 2011, 516, 171-173.	1.2	77
9	A graphene nanoribbon network and its biosensing application. Nanoscale, 2011, 3, 5156.	2.8	81
10	Enhanced Direct Electrochemistry of Glucose Oxidase and Glucose Biosensing Based on TiO ₂ -Decorated Graphene Nanohybrids. Advanced Materials Research, 2012, 496, 507-510.	0.3	1
11	Sensor applications for structural diagnostics and prognostics in aerospace systems. Proceedings of SPIE, 2012, , .	0.8	0
12	Advances in Graphene-Related Technologies: Synthesis, Devices and Outlook. Recent Patents on Nanotechnology, 2012, 6, 79-98.	0.7	33
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16	The importance of bendability in the percolation behavior of carbon nanotube and graphene-polymer composites. Journal of Applied Physics, 2012, 112, .	1.1	17
17	Metastable phase formation and structural evolution of epitaxial graphene grown on SiC(100) under a temperature gradient. Nanotechnology, 2012, 23, 175603.	1.3	3
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21	Improved properties of chemically modified graphene/poly(methyl methacrylate) nanocomposites via a facile in-situ bulk polymerization. <i>EXPRESS Polymer Letters</i> , 2012, 6, 847-858.	1.1	61
22	Thermal diffusivity of in-situ exfoliated graphite intercalated compound/polyamide and graphite/polyamide composites. <i>EXPRESS Polymer Letters</i> , 2012, 6, 476-484.	1.1	46
23	GPU-Based Molecular Dynamics Formulation of Thermal Conductivity Predictions for Monolayer Graphene. , 2012, , .		0
24	Synthesis of fluorinated graphene with tunable degree of fluorination. <i>Carbon</i> , 2012, 50, 5403-5410.	5.4	279
25	Fluorinated derivatives of sp ² graphene allotropes: Structure, stability, and electronic properties. <i>Chemical Physics Letters</i> , 2012, 545, 78-82.	1.2	18
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69	Preparation and Tribological Properties of Polyamide 11/Graphene Coatings. <i>Polymer-Plastics Technology and Engineering</i> , 2012, 51, 1163-1166.	1.9	54
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162	Preparation and enhanced electro-responsive characteristic of reduced graphene oxide/polypyrrole composite sheet suspensions. <i>Soft Matter</i> , 2013, 9, 7468.	1.2	68

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