

Electrogenerated Chemiluminescence of Partially Oxidized Graphite Surfaces and of Graphene Oxide Nanoparticles

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Amplified Electrogenerated Chemiluminescence of Quantum Dots and Its Selective Sensing for Glutathione from Thiol-Containing Compounds. <i>Analytical Chemistry</i> , 2009, 81, 9710-9715.	3.2	397
2	Reduction Kinetics of Graphene Oxide Determined by Electrical Transport Measurements and Temperature Programmed Desorption. <i>Journal of Physical Chemistry C</i> , 2009, 113, 18480-18486.	1.5	207
3	Graphene-based materials in electrochemistry. <i>Chemical Society Reviews</i> , 2010, 39, 3157.	18.7	1,297
4	A novel electrochemiluminescence sensor based on bis(2,2'-bipyridine)-5-amino-1,10-phenanthroline ruthenium(II) covalently combined with graphite oxide. <i>Biosensors and Bioelectronics</i> , 2010, 26, 872-876.	5.3	26
5	Facile synthesis and application of Ag-chemically converted graphene nanocomposite. <i>Nano Research</i> , 2010, 3, 339-349.	5.8	408
8	Carbon Nanomaterials in Biosensors: Should You Use Nanotubes or Graphene?. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2114-2138.	7.2	1,301
9	Covalent attaching protein to graphene oxide via diimide-activated amidation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 434-438.	2.5	161
10	Graphene oxide as a chemically tunable platform for optical applications. <i>Nature Chemistry</i> , 2010, 2, 1015-1024.	6.6	2,966
11	Facile and controllable electrochemical reduction of graphene oxide and its applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 743-748.	6.7	787
12	Applications and trends in electrochemiluminescence. <i>Chemical Society Reviews</i> , 2010, 39, 3275.	18.7	961
13	Extraction of Electrochemiluminescent Oxidized Carbon Quantum Dots from Activated Carbon. <i>Chemistry of Materials</i> , 2010, 22, 5895-5899.	3.2	379
14	NMR-Based Structural Modeling of Graphite Oxide Using Multidimensional ¹³ C Solid-State NMR and ab Initio Chemical Shift Calculations. <i>Journal of the American Chemical Society</i> , 2010, 132, 5672-5676.	6.6	218
15	Ionic strength and pH reversible response of visible and near-infrared fluorescence of graphene oxide nanosheets for monitoring the extracellular pH. <i>Chemical Communications</i> , 2011, 47, 3135.	2.2	121
16	DNA cycle amplification device on magnetic microbeads for determination of thrombin based on graphene oxide enhancing signal-on electrochemiluminescence. <i>Chemical Communications</i> , 2011, 47, 725-727.	2.2	59
17	Preparation of Novel Carbon-based Nanomaterial of Graphene and Its Applications Electrochemistry. <i>Chinese Journal of Analytical Chemistry</i> , 2011, 39, 963-971.	0.9	21
18	Positive Potential Operation of a Cathodic Electrogenerated Chemiluminescence Immunosensor Based on Luminol and Graphene for Cancer Biomarker Detection. <i>Analytical Chemistry</i> , 2011, 83, 3817-3823.	3.2	347
19	Graphene Oxide Based Photoinduced Charge Transfer Label-Free Near-Infrared Fluorescent Biosensor for Dopamine. <i>Analytical Chemistry</i> , 2011, 83, 8787-8793.	3.2	275
20	Aqueous Electrogenerated Chemiluminescence of Self-Assembled Double-Walled Tubular J-Aggregates of Amphiphilic Cyanine Dyes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 2470-2475.	1.5	28

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22	Electrogenerated chemiluminescence from Au nanoclusters. <i>Chemical Communications</i> , 2011, 47, 2369-2371.	2.2	125
23	Nanomaterials for biosensing with electrochemiluminescence (ECL) detection. <i>Frontiers in Bioscience - Landmark</i> , 2011, 16, 1084.	3.0	35
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30	Improved electrochemical properties of single crystalline NiO nanoflakes for lithium storage and oxygen electroreduction. <i>RSC Advances</i> , 2012, 2, 5185.	1.7	33
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34	A Facile Microwave Avenue to Electrochemiluminescent Two-Color Graphene Quantum Dots. <i>Advanced Functional Materials</i> , 2012, 22, 2971-2979.	7.8	768
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36	Enhanced electrochemiluminescence of CdSe quantum dots composited with graphene oxide and chitosan for sensitive sensor. <i>Biosensors and Bioelectronics</i> , 2012, 31, 369-375.	5.3	116
37	The optoelectronic behaviour of carbon nanoparticles: evidence of the importance of the outer carbon shell. <i>Nanoscale</i> , 2013, 5, 7977.	2.8	15
38	Anodic Electrogenerated Chemiluminescence Behavior of Graphite-Like Carbon Nitride and Its Sensing for Rutin. <i>Analytical Chemistry</i> , 2013, 85, 2601-2605.	3.2	199

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39	Reagentless electrochemiluminescent detection of protein biomarker using graphene-based magnetic nanoprobe and poly-L-lysine as co-reactant. <i>Biosensors and Bioelectronics</i> , 2013, 45, 189-194.	5.3	45
40	Graphene and its derivatives for cell biotechnology. <i>Analyst, The</i> , 2013, 138, 72-86.	1.7	48
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60	Electrochemiluminescence resonance energy transfer between graphene quantum dots and gold nanoparticles for DNA damage detection. <i>Analyt. Chem.</i> , 2014, 139, 2404-2410.	1.7	107
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70	Supramolecular Assembly of Coronene Derivatives for Drug Delivery. <i>Organic Letters</i> , 2016, 18, 4542-4545.	2.4	23
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100	Quantum Dot-Electrochemiluminescence-Based Biosensing. <i>Springer Briefs in Molecular Science</i> , 2013, , 53-70.	0.1	0
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