

Graphene-based biosensors for detection of bacteria and

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thinning vertical graphenes, tuning electrical response: from semiconducting to metallic. Journal of Materials Chemistry, 2011, 21, 16339.	6.7	23
2	A graphene nanoribbon network and its biosensing application. Nanoscale, 2011, 3, 5156.	2.8	81
3	Single-bacterium resolution biosensors based on pristine graphenes. , 2012, , .		0
4	Synthesis of a MnO ₂ â€“graphene foam hybrid with controlled MnO ₂ particle shape and its use as a supercapacitor electrode. Carbon, 2012, 50, 4865-4870.	5.4	214
5	3D Graphene Foam as a Monolithic and Macroporous Carbon Electrode for Electrochemical Sensing. ACS Applied Materials & Interfaces, 2012, 4, 3129-3133.	4.0	292
6	Hybrid structure of zinc oxide nanorods and three dimensional graphene foam for supercapacitor and electrochemical sensor applications. RSC Advances, 2012, 2, 4364.	1.7	285
7	Solution-Gated Graphene Field Effect Transistors Integrated in Microfluidic Systems and Used for Flow Velocity Detection. Nano Letters, 2012, 12, 1404-1409.	4.5	121
8	Synthesis of grapheneâ€“carbon nanotube hybrid foam and its use as a novel three-dimensional electrode for electrochemical sensing. Journal of Materials Chemistry, 2012, 22, 17044.	6.7	197
9	3D Grapheneâ€“Cobalt Oxide Electrode for High-Performance Supercapacitor and Enzymeless Glucose Detection. ACS Nano, 2012, 6, 3206-3213.	7.3	1,510
10	Macroporous and Monolithic Anode Based on Polyaniline Hybridized Three-Dimensional Graphene for High-Performance Microbial Fuel Cells. ACS Nano, 2012, 6, 2394-2400.	7.3	520
11	Highly efficient electrolytic exfoliation of graphite into graphene sheets based on Li ions intercalationâ€“expansionâ€“microexplosion mechanism. Journal of Materials Chemistry, 2012, 22, 10452.	6.7	109
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15	Recent advances on synthesis and application of graphene as novel sensing materials in analytical chemistry. Reviews in Analytical Chemistry, 2012, 31, .	1.5	11
16	Emerging (Bio)Sensing Technology for Assessing and Monitoring Freshwater Contamination - Methods and Applications. , 0, , .		1
17	Electrical Probing of Submicroliter Liquid Using Graphene Strip Transistors Built on a Nanopipette. Small, 2012, 8, 43-46.	5.2	38
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21	Graphene-based electronic sensors. <i>Chemical Science</i> , 2012, 3, 1764.	3.7	663
22	The electrical properties of graphene modified by bromophenyl groups derived from a diazonium compound. <i>Carbon</i> , 2012, 50, 1517-1522.	5.4	45
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57	Analytical prediction of liquid-gated graphene nanoscroll biosensor performance. <i>RSC Advances</i> , 2014, 4, 16153.	1.7	23
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