

A Comprehensive Review of Glucose Biosensors Based on

Sensors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Design of a test suite for NCAP-to-NCAP communication based on IEEE 1451. , 2008, , .		5
2	HPM Sources: The DoD Perspective. , 2009, , .		4
3	Non-Enzymatic Glucose and Cholesterol Biosensors Based on Silica Coated Nano Iron Oxide Dispersed Multiwalled Carbon Nanotubes. , 2011, , .		6
4	Solid-State Nanostructured Materials from Self-Assembly of a Globular Protein-Polymer Diblock Copolymer. ACS Nano, 2011, 5, 5697-5707.	7.3	88
5	Nanostructured metal oxide-based biosensors. NPG Asia Materials, 2011, 3, 17-24.	3.8	612
6	Enzyme-Polymers Conjugated to Quantum-Dots for Sensing Applications. Sensors, 2011, 11, 9951-9972.	2.1	36
7	Advances in Electronic-Nose Technologies Developed for Biomedical Applications. Sensors, 2011, 11, 1105-1176.	2.1	315
8	Preparation and characterization of bismuth oxide nanoparticles-multiwalled carbon nanotube composite for the development of horseradish peroxidase based H ₂ O ₂ biosensor. Talanta, 2011, 87, 15-23.	2.9	68
9	Metal Oxides and Their Composites for the Photoelectrode of Dye Sensitized Solar Cells. , 0, , .		9
10	Enzyme and Cofactor Engineering: Current Trends and Future Prospects in the Pharmaceutical and Fermentation Industries. , 2011, , 221-244.		3
11	ZnO nanoparticle and multiwalled carbon nanotubes for glucose oxidase direct electron transfer and electrocatalytic activity investigation. Journal of Molecular Catalysis B: Enzymatic, 2011, 72, 298-304.	1.8	54
12	Quantitative measurement of Au and Fe in ferromagnetic nanoparticles with Laser Induced Breakdown Spectroscopy using a polymer-based gel matrix. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2011, 66, 726-732.	1.5	11
13	Mediatorless bioelectrocatalysis of dioxygen reduction at indium-doped tin oxide (ITO) and ITO nanoparticulate film electrodes. Electrochimica Acta, 2011, 56, 8739-8745.	2.6	16
14	A low cost universal photoelectrochemical detector for organic compounds based on photoelectrocatalytic oxidation at a nanostructured TiO ₂ photoanode. Journal of Electroanalytical Chemistry, 2011, 656, 211-217.	1.9	15
15	Electrochemical detection of dioxygen and hydrogen peroxide by hemin immobilized on chemically converted graphene. Journal of Electroanalytical Chemistry, 2011, 657, 34-38.	1.9	52
16	Electrochemical albumin sensing based on silicon nanowires modified by gold nanoparticles. Applied Surface Science, 2011, 257, 4650-4654.	3.1	20
17	A silicon nanoparticle-based polymeric nano-composite material for glucose sensing. Journal of Electroanalytical Chemistry, 2011, 657, 172-175.	1.9	17
18	Cu@C composite nanotube array and its application as an enzyme-free glucose sensor. Nanotechnology, 2011, 22, 375303.	1.3	8

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21	Printed thick-film biosensors. , 2012, , 366-409.		12
22	Opportunities in nano-structured metal oxides based biosensors. Journal of Physics: Conference Series, 2012, 358, 012007.	0.3	12
23	Glucose biosensor based on the immobilization of glucose oxidase on electrochemically synthesized polypyrrole-poly(vinyl sulphonate) composite film by cross-linking with glutaraldehyde. Artificial Cells, Blood Substitutes, and Biotechnology, 2012, 40, 354-361.	0.9	18
25	Simultaneous Determination of Ranitidine and Metronidazole at Poly(thionine) Modified Anodized Glassy Carbon Electrode. Journal of Electrochemical Science and Technology, 2012, 3, 90-94.	0.9	12
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57	An aptasensor for sensitive detection of human breast cancer cells by using porous GO/Au composites and porous PtFe alloy as effective sensing platform and signal amplification labels. <i>Analytica Chimica Acta</i> , 2013, 798, 33-39.	2.6	94
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149	The advantages of disposable screen-printed biosensors in a bioelectronic tongue for the analysis of grapes. <i>LWT - Food Science and Technology</i> , 2015, 62, 940-947.	2.5	36
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