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A novel amperometric biosensor based on ZnO:Co nanoclusters for biosensing glucose

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#	Paper	IF	Citations
154	Direct Electron Transfer and Electrocatalysis of Hemoglobin on Chitosan-TiO2 Nanorods-Glass Carbon Electrode. <i>Electroanalysis</i> , <b>2008</b> , 20, 2247-2252	3	17
153	Effect of PSS on morphology and optical properties of ZnO. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 326, 433-8	9.3	88
152	Nanostructured Zinc Oxide Particles in Chemically Modified Electrodes for Biosensor Applications. <b>2008</b> , 41, 141-158		147
151	Electrochemical Studies of Ceria as Electrode Material for Sensing and Biosensing Applications. <b>2008</b> , 155, F169		47
150	Amperometric Detection of Hydrogen Peroxide Using InP Porous Nanostructures. <b>2008</b> , 1, 051202		5
149	An amperometric glucose biosensor based on the immobilization of glucose oxidase on the ZnO nanotubes. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 138, 344-350	8.5	270
148	A novel tyrosinase biosensor based on biofunctional ZnO nanorod microarrays on the nanocrystalline diamond electrode for detection of phenolic compounds. <b>2009</b> , 75, 44-9		95
147	Direct electrochemistry of glucose oxidase on the hydroxyapatite/Nafion composite film modified electrode and its application for glucose biosensing. <b>2009</b> , 52, 2013-2019		8
146	Improved enzyme immobilization for enhanced bioelectrocatalytic activity of glucose sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 136, 332-337	8.5	65
145	Effect of nanostructure on the urea sensing properties of solgel synthesized ZnO. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 137, 566-573	8.5	86
144	Zinc oxide nanoparticles/glucose oxidase photoelectrochemical system for the fabrication of biosensor. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 334, 183-7	9.3	74
143	Nanoporous cerium oxide thin film for glucose biosensor. <i>Biosensors and Bioelectronics</i> , <b>2009</b> , 24, 2040-	<b>5</b> 11.8	103
142	Zinc oxide-potassium ferricyanide composite thin film matrix for biosensing applications. <b>2009</b> , 653, 21	2-6	29
141	ZnO Nanotube Arrays as Biosensors for Glucose. <b>2009</b> , 113, 20169-20172		171
140	A tyrosinase biosensor based on ZnO nanorod clusters/nanocrystalline diamond electrodes for biosensing of phenolic compounds. <b>2009</b> , 25, 1083-8		17
139	A hydroxylamine electrochemical sensor based on electrodeposition of porous ZnO nanofilms onto carbon nanotubes films modified electrode. <b>2010</b> , 55, 2835-2840		124
138	Direct Electrochemistry and Electrocatalysis Behaviors of Glucose Oxidase Based on Hyaluronic Acid-Carbon Nanotubes-Ionic Liquid Composite Film. <b>2010</b> , 28, 1890-1896		5

## (2011-2010)

137	Preparation and characterization of copper nanoparticles/zinc oxide composite modified electrode and its application to glucose sensing. <b>2010</b> , 30, 86-91		76	
136	Synthesis and characterization of Mn-doped ZnO column arrays. <b>2010</b> , 256, 4201-4205		27	
135	Nanostructured Metal Oxides Based Enzymatic Electrochemical Biosensors. 2010,		4	
134	Electrochemical Functionalization of InP Porous Nanostructures with a GOD Membrane for Amperometric Glucose Sensors. <b>2010</b> , 157, H165		6	
133	Third generation biosensing matrix based on Fe-implanted ZnO thin film. <b>2010</b> , 97, 133704		17	
132	A novel L-Lactate sensor based on enzyme electrode modified with ZnO nanoparticles and multiwall carbon nanotubes. <b>2010</b> ,		1	
131	High-performance, flexible enzymatic glucose biosensor based on ZnO nanowires supported on a gold-coated polyester substrate. <b>2010</b> , 2, 2409-12		130	
130	A comprehensive review of glucose biosensors based on nanostructured metal-oxides. <i>Sensors</i> , <b>2010</b> , 10, 4855-86	3.8	580	
129	ZnO-based amperometric enzyme biosensors. <i>Sensors</i> , <b>2010</b> , 10, 1216-31	3.8	149	
128	A novel l-lactate sensor based on enzyme electrode modified with ZnO nanoparticles and multiwall carbon nanotubes. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 661, 8-12	4.1	29	
127	Modulation of fibroblast inflammatory response by surface modification of a perfluorinated ionomer. <b>2011</b> , 6, 43-53		7	
126	A novel biosensor based on sol-gel poly () (PVA)/(titanium dioxide)TiO hybrid material. <b>2011</b> , 3, 110-11	5	14	
125	Nanomaterials based biosensors for food analysis applications. <b>2011</b> , 22, 625-639		187	
124	ZnO Nanorods Based Enzymatic Biosensor for Selective Determination of Penicillin. <i>Biosensors</i> , <b>2011</b> , 1, 153-63	5.9	27	
123	Amine functionalized TiO2 coated on carbon nanotube as a nanomaterial for direct electrochemistry of glucose oxidase and glucose biosensing. <b>2011</b> , 68, 206-210		37	
122	ZnO nanoparticle and multiwalled carbon nanotubes for glucose oxidase direct electron transfer and electrocatalytic activity investigation. <b>2011</b> , 72, 298-304		50	
121	Effects of morphology of nanostructured ZnO on direct electrochemistry and biosensing properties of glucose oxidase. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 656, 198-205	4.1	55	
120	Amine functionalized TiO2Darbon nanotube composite: synthesis, characterization and application to glucose biosensing. <b>2011</b> , 1, 189-195		16	

119	A silicon nanoparticle-based polymeric nano-composite material for glucose sensing. <i>Journal of Electroanalytical Chemistry</i> , <b>2011</b> , 657, 172-175	4.1	16
118	A Novel ZnO-Methylene Blue Nanocomposite Matrix for Biosensing Application. <b>2011</b> , 2011, 1-6		8
117	Al and Fe co-doped transparent conducting ZnO thin film for mediator-less biosensing application. <b>2011</b> , 1, 042112		13
116	Fe doped ZnO thin film for mediator-less biosensing application. <b>2012</b> , 111, 102804		5
115	Highly selective wide linear-range detecting glucose biosensors based on aspect-ratio controlled ZnO nanorods directly grown on electrodes. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 174, 195-201	8.5	63
114	Fabrication of a tunable glucose biosensor based on zinc oxide/chitosan-graft-poly(vinyl alcohol) core-shell nanocomposite. <i>Talanta</i> , <b>2012</b> , 99, 283-7	6.2	72
113	Recent advances in ZnO nanostructures and thin films for biosensor applications: review. <b>2012</b> , 737, 1-	21	442
112	Zinc Oxide Nanostructures and their Applications. <b>2012</b> , 183-212		5
111	An amperometric glucose biosensor based on the immobilization of glucose oxidase on the platinum electrode modified with NiO doped ZnO nanorods. <i>Journal of Electroanalytical Chemistry</i> , <b>2012</b> , 676, 20-26	4.1	46
110	Amperometric biosensor based on 3D ordered freestanding porous Pt nanowire array electrode. <b>2012</b> , 4, 6025-31		40
109	ZnO plates synthesized from the ammonium zinc nitrate hydroxide precursor. <b>2012</b> , 14, 154-159		29
108	Apple Diomorphic synthesis of porous ZnO nanostructures for glucose direct electrochemical biosensor. <b>2012</b> , 12, 1033-1038		33
107	Solvothermal synthesis of coreEhell ZnO hollow microhemispheres. 2012, 396, 46-50		7
106	Enzymatic glucose biosensor based on CeO2 nanorods synthesized by non-isothermal precipitation. <i>Biosensors and Bioelectronics</i> , <b>2012</b> , 31, 176-81	11.8	73
105	An amperometric glucose biosensor based on a GOx-entrapped TiO2BWCNT composite. <i>Sensors and Actuators B: Chemical</i> , <b>2012</b> , 166-167, 103-109	8.5	33
104	The construction of glucose biosensor based on platinum nanoclusters-multiwalled carbon nanotubes nanocomposites. <b>2012</b> , 166, 889-902		7
103	Acerate ZnO whiskers and sodium alginate films: preparation and application in bioelectrochemistry of hemoglobin. <i>Journal of Solid State Electrochemistry</i> , <b>2012</b> , 16, 361-366	2.6	7
102	Nanomaterial-based functional scaffolds for amperometric sensing of bioanalytes. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 3431-48	4.4	42

## (2014-2013)

101	A novel amperometric biosensor based on ZnO nanoparticles-modified carbon paste electrode for determination of glucose in human serum. <b>2013</b> , 41, 332-8	23
100	A novel amperometric biosensor for hydrogen peroxide and glucose based on cuprous sulfide nanoplates. <b>2013</b> , 1, 4127-4134	39
99	One-dimensional ZnO nanostructures: fabrication, optoelectronic properties, and device applications. <b>2013</b> , 48, 6849-6877	134
98	A hybrid functional nanoscaffold based on reduced graphene oxide\( \mathbb{I} \) nO for the development of an amperometric biosensing platform. RSC Advances, 2013, 3, 25858	30
97	Synthesis, optical properties, and chemicalBiological sensing applications of one-dimensional inorganic semiconductor nanowires. <b>2013</b> , 58, 705-748	60
96	Photocatalytic CO(2) reduction using non-titanium metal oxides and sulfides. <b>2013</b> , 6, 562-77	251
95	Detection of saccharides with a fluorescent sensing device based on a gold film modified with 4-mercaptophenylboronic acid monolayer. <b>2013</b> ,	1
94	Zinc oxide inverse opal enzymatic biosensor. <b>2013</b> , 102, 253103	27
93	Electrochemical Aptasensor Based on ZnO Modified Gold Electrode. <i>Electroanalysis</i> , <b>2013</b> , 25, 1855-1863 <sub>3</sub>	5
92	Improved enzyme immobilization for enhanced bioelectrocatalytic activity of choline sensor. 2013,	1
91	Electrospun Porous ZnO Nanofibers for Glucose Biosensors. <b>2014</b> , 950, 3-6	5
90	Integration of a highly ordered gold nanowires array with glucose oxidase for ultra-sensitive glucose detection. <b>2014</b> , 809, 134-40	32
89	Glucose biosensor based on a platinum electrode modified with rhodium nanoparticles and with glucose oxidase immobilized on gold nanoparticles. <b>2014</b> , 181, 519-525	27
88	Enzymatic biosensors based on the use of metal oxide nanoparticles. <b>2014</b> , 181, 1-22	94
87	Improved enzyme immobilization for enhanced bioelectrocatalytic activity of choline sensor and acetylcholine sensor. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 193, 904-910	30
86	Study of glucose biosensor lifetime improvement in 37LC serum based on PANI enzyme immobilization and PLGA biodegradable membrane. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 56, 91-6	32
85	Simple fabrication of ZnO/Pt/chitosan electrode for enzymatic glucose biosensor. <i>Sensors and Actuators B: Chemical</i> , <b>2014</b> , 202, 827-833	55
84	Biosensors based on zinc oxide. <b>2014</b> , 9, 99-115	4

83	Zinc oxide inverse opal electrodes modified by glucose oxidase for electrochemical and photoelectrochemical biosensor. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 59, 350-7	61
82	Low-temperature fabrication of ZnO nanorods/ferrocenyl-alkanethiol bilayer electrode and its application for enzymatic glucose detection. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 51, 362-5	25
81	ZnO and Graphene Microelectrode Applications in Biosensing. <b>2014</b> , 1-35	
80	Nano-CeO2 decorated graphene based chitosan nanocomposites as enzymatic biosensing platform: fabrication and cellular biocompatibility assessment. <b>2015</b> , 38, 1671-83	18
79	Effective immobilization of glucose oxidase on chitosan submicron particles from gladius of Todarodes pacificus for glucose sensing. <b>2015</b> , 104, 44-50	20
78	A Fractal Analysis of Binding and Dissociation of Glucose to Different Biosensor Surfaces. <b>2015</b> , 245-269	
77	A novel electrochemiluminescent immunosensor based on CdS-coated ZnO nanorod arrays for HepG2 cell detection. <b>2015</b> , 7, 3627-33	44
76	ZnO nanostructures in enzyme biosensors. <b>2015</b> , 58, 60-76	58
75	A sensitive photoelectrochemical biosensor for AFP detection based on ZnO inverse opal electrodes with signal amplification of CdS-QDs. <i>Biosensors and Bioelectronics</i> , <b>2015</b> , 74, 411-7	97
74	Synthesis of mesoporous grooved ZnFe2O4 nanobelts as peroxidase mimetics for improved enzymatic biosensor. <b>2015</b> , 41, 10400-10405	13
73	Development of glucose biosensor based on ZnO nanoparticles film and glucose oxidase-immobilized eggshell membrane. <b>2015</b> , 4, 46-56	34
72	Synthesis of Co-doped ZnO diluted magnetic semiconductors thin films by nanocluster-beam technique at different flow rate of helium gas. <b>2015</b> ,	
71	Electrodeposition of ZnCo2O4 nanoparticles for biosensing applications. RSC Advances, 2015, 5, 79397-79404	33
70	Low-Index ZnO Crystal Plane-Specific Binding Behavior of Whole Immunoglobulin G Proteins. <b>2015</b> , 31, 10493-9	8
69	Ultrasensitive non-enzymatic glucose sensor based on three-dimensional network of ZnO-CuO hierarchical nanocomposites by electrospinning. <b>2014</b> , 4, 7382	117
68	Protein adsorption onto nanomaterials for the development of biosensors and analytical devices: a review. <b>2015</b> , 872, 7-25	166
67	Synthesis of ZnO nanosphere for picomolar level detection of bovine serum albumin. <b>2015</b> , 14, 129-37	18
66	Emerging trends in the application of nanobiosensors in the food industry. <b>2016</b> , 663-696	1

65	Electrochemical formation of N-type GaN and N-type InP porous structures for chemical sensor applications. <b>2016</b> ,	1
64	Plasmon generation in sputtered Ga-doped MgZnO thin films for solar cell applications. <b>2016</b> , 119, 233101	22
63	Zinc oxide nanowire modified flexible plastic platform for immunosensing. 2016,	1
62	Fabrication of interdigitated high-performance zinc oxide nanowire modified electrodes for glucose sensing. <b>2016</b> , 925, 70-81	21
61	Fundamental Properties of One-Dimensional Zinc Oxide Nanomaterials and Implementations in Various Detection Modes of Enhanced Biosensing. <b>2016</b> , 67, 691-717	30
60	Oriented Assembly of Zinc Oxide Mesocrystal in Chitosan and Applications for Glucose Biosensors. <b>2016</b> , 16, 3359-3365	17
59	Effects of the surface morphologies of ZnO nanotube arrays on the performance of amperometric glucose sensors. <b>2016</b> , 56, 137-144	20
58	Biomedical Applications of Functionalized ZnO Nanomaterials: from Biosensors to Bioimaging. <b>2016</b> , 3, 1500494	111
57	Nanotechnological Applications in Food Packaging, Sensors and Bioactive Delivery Systems.  Sustainable Agriculture Reviews, <b>2016</b> , 59-128	9
56	Nanotextured Surface on Flexographic Printed ZnO Thin Films for Low-Cost Non-Faradaic Biosensors. <b>2016</b> , 8, 33802-33810	29
55	Introducing p-n junction interface into enzyme loading matrix for enhanced glucose biosensing performance. <i>Sensors and Actuators B: Chemical</i> , <b>2016</b> , 237, 373-379	15
54	Effect of Annealing on Co-Doped ZnO Thin Films Prepared by Nanocluster-Beam Deposition.  Journal of Superconductivity and Novel Magnetism, <b>2016</b> , 29, 1897-1901	3
53	Glucose oxidase stabilized fluorescent gold nanoparticles as an ideal sensor matrix for dual mode sensing of glucose. <i>RSC Advances</i> , <b>2016</b> , 6, 7212-7223	14
52	A highly sensitive self assembled monolayer modified copper doped zinc oxide nanofiber interface for detection of Plasmodium falciparum histidine-rich protein-2: Targeted towards rapid, early 11.8 diagnosis of malaria. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 80, 39-46	57
51	Effect of changing the nanoscale environment on activity and stability of nitrate reductase. <i>Enzyme and Microbial Technology</i> , <b>2016</b> , 89, 52-62	9
50	A new strategy for achieving vertically-erected and hierarchical TiO2 nanosheets array/carbon cloth as a binder-free electrode for protein impregnation, direct electrochemistry and mediator-free 11.8 glucose sensing. <i>Biosensors and Bioelectronics</i> , <b>2016</b> , 77, 942-9	22
49	Co-doped ZnO Thin Films Fabricated by a Nanocluster-Beam Deposition System and the Influence of Flow Rate of Helium Gas on Their Properties. <i>Journal of Superconductivity and Novel Magnetism</i> , 1.5 <b>2016</b> , 29, 357-360	1
48	Nanostructured NiO-based reagentless biosensor for total cholesterol and low density lipoprotein detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2017</b> , 409, 1995-2005	20

47	Flower-like ZnO nanostructure assisted loop-mediated isothermal amplification assay for detection of Japanese encephalitis virus. <i>Virus Research</i> , <b>2017</b> , 232, 34-40	6.4	2
46	Nanoscience in Food and Agriculture 4. Sustainable Agriculture Reviews, 2017,	1.3	5
45	Enzymatic Nanobiosensors in the Agricultural and Food Industry. <i>Sustainable Agriculture Reviews</i> , <b>2017</b> , 229-245	1.3	21
44	A multi-walled carbon nanotube-zinc oxide nanofiber based flexible chemiresistive biosensor for malaria biomarker detection. <i>Analyst, The</i> , <b>2017</b> , 142, 2128-2135	5	39
43	Facile fabrication of electrochemical ZnO nanowire glucose biosensor using roll to roll printing technique. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 247, 807-813	8.5	43
42	Au Nanospikes as a Non-enzymatic Glucose Sensor: Exploring Morphological Changes with the Elaborated Chronoamperometric Method. <i>Electroanalysis</i> , <b>2017</b> , 29, 294-304	3	11
41	One step biofunctionalized electrospun multiwalled carbon nanotubes embedded zinc oxide nanowire interface for highly sensitive detection of carcinoma antigen-125. <i>Biosensors and Bioelectronics</i> , <b>2017</b> , 88, 144-152	11.8	70
40	Enhanced non-enzymatic glucose biosensor of ZnO nanowires via decorated Pt nanoparticles and illuminated with UV/green light emitting diodes. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 238, 150-159	8.5	49
39	Doping Ag in ZnO Nanorods to Improve the Performance of Related Enzymatic Glucose Sensors. <i>Sensors</i> , <b>2017</b> , 17,	3.8	15
38	Classical and novel approaches to the analysis of honey and detection of adulterants. <i>Food Control</i> , <b>2018</b> , 90, 152-165	6.2	68
37	Synthesis of NiO/Fe2O3 nanocomposites as substrate for the construction of electrochemical biosensors. <i>Journal of Solid State Electrochemistry</i> , <b>2018</b> , 22, 1763-1770	2.6	1
36	Biofunctionalized "Kiwifruit-Assembly" of Oxidoreductases in Mesoporous ZnO/Carbon Nanoparticles for Efficient Asymmetric Catalysis. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705443	24	11
35	A novel polyurethane/nano ZnO matrix for immobilization of chitinolytic enzymes and optical sensing of chitin. <i>International Journal of Biological Macromolecules</i> , <b>2018</b> , 106, 1173-1183	7.9	11
34	Microstructured prealloyed Titanium-Nickel powder as a novel nonenzymatic hydrogen peroxide sensor. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 353-360	9.3	21
33	Progress and Challenges of Nanotechnology in Food Engineering. <b>2018</b> , 87-112		1
32	Preparation and photo-degradation performance of composite catalysts. <i>IOP Conference Series:</i> Earth and Environmental Science, <b>2019</b> , 300, 032025	0.3	
31	A Review of the Construction of Nano-Hybrids for Electrochemical Biosensing of Glucose. <i>Biosensors</i> , <b>2019</b> , 9,	5.9	53
30	Nanosized Zinc Oxide: Super-Functionalities, Present Scenario of Application, Safety Issues, and Future Prospects in Food Processing and Allied Industries. <i>Food Reviews International</i> , <b>2019</b> , 35, 505-53	5 <sup>5.5</sup>	8

29	Recent advances and biomedical applications of zinc oxide nanoparticles. <b>2019</b> , 445-457		7
28	ZnO Nanowire Field Effect Transistor for Biosensing: A Review. <i>Journal of Nano Research</i> , <b>2019</b> , 60, 94-	112	8
27	Performance enhancement of ZnO nanorod-based enzymatic glucose sensor via reduced graphene oxide deposition and UV irradiation. <i>Sensors and Actuators B: Chemical</i> , <b>2019</b> , 284, 377-385	8.5	24
26	The design, fabrication, and applications of flexible biosensing devices. <i>Biosensors and Bioelectronics</i> , <b>2019</b> , 124-125, 96-114	11.8	80
25	Nanobiosensors for Biomedical Application. <b>2019</b> , 1-23		3
24	Improved activity for the photo-degradation by organic-inorganic composite photocatalysts. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 772, 012049	0.4	1
23	Synthesis of zinc oxide nanorods with different aspect ratios by solvothermal method. <i>IOP Conference Series: Materials Science and Engineering</i> , <b>2020</b> , 772, 012050	0.4	
22	Scaling-up medical technologies using flexographic printing. <i>Talanta</i> , <b>2020</b> , 219, 121236	6.2	2
21	ZnO Nanolower-Based NanoPCR as an Efficient Diagnostic Tool for Quick Diagnosis of Canine Vector-Borne Pathogens. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	5
20	A Zno nanorods based enzymatic glucose biosensor by immobilization of glucose oxidase on a chitosan film. <i>Obesity Medicine</i> , <b>2020</b> , 18, 100229	2.6	11
19	Facile Method for Obtaining Gold-Coated Polyester Surfaces with Antimicrobial Properties. <i>Advances in Polymer Technology</i> , <b>2020</b> , 2020, 1-12	1.9	1
18	ZnO Nanowire Field-Effect Transistor for Biosensing: A Review.		
17	Facial synthesis of highly efficient non-enzymatic glucose sensor based on vertically aligned Au-ZnO NRs. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 895, 115424	4.1	7
16	Nanobiotechnology advances in enzymatic biosensors for the agri-food industry. <i>Environmental Chemistry Letters</i> , <b>2017</b> , 15, 555-560	13.3	46
15	Biomedical applications of zinc oxide nanomaterials. Current Molecular Medicine, 2013, 13, 1633-45	2.5	374
14	Zencefil (Zingiber Officinale) Kl Ekstresi Kullanlarak Ihko Oksit Nanoparlicklarl Yell Sentezi ve Glikoz Biyosensl Olarak Uygulamas <i>El-Cezeri Journal of Science and Engineering</i> ,		2
13	2 Interface Dynamic Behaviour Between CNTs and Tungsten Electrode. <b>2012</b> , 373-391		
12	Biosensing Applications of ZnO Nanostructures. <b>2012</b> , 665-692		

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10	Non-enzymatic electrochemical detection of glucose with and without the presence of insulin using rGO/ZnO. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , <b>2020</b> , 11, 045015	1.6	1
9	Surface modification of metal oxide nanoparticles to realize biological applications. 2021,		
8	Attributes of functionalized nanomaterial-based electrochemical sensors for food and beverage analysis. <b>2022</b> , 177-206		
7	Functionalized nanomaterial-based electrochemical sensors: A sensitive sensor platform. <b>2022</b> , 3-25		5
6	Nanomaterials in Electrochemical Biosensors and Their Applications. <i>Nanotechnology in the Life Sciences</i> , <b>2022</b> , 487-516	1.1	
5	Carbon Nano-Onion-Decorated ZnO Composite-Based Enzyme-Less Electrochemical Biosensing Approach for Glucose. <b>2022</b> , 7, 37748-37756		1
4	A Review on 2D-ZnO Nanostructures Based Biosensors: From Materials to Devices.		O
3	Different coatings on magnetic nanoparticles dictate their degradation kinetics in vivo for 15 months after intravenous administration in mice. <b>2022</b> , 20,		O
2	Enhancement of voltammetric properties of silver nanoparticles doped ZnO nanorods for glucose biosensing. <b>2023</b> , 34,		O
1	Ag-Decorated Vertically Aligned ZnO Nanorods for Non-Enzymatic Glucose Sensor Applications. <b>2023</b> , 13, 754		0