

Aneela Tahira

List of Publications by Year in descending order

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docs citations

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#	ARTICLE	IF	CITATIONS
1	Pd-Co ₃ O ₄ -based nanostructures for the development of enzyme-free glucose sensor. Bulletin of Materials Science, 2022, 45, 1.	0.8	6
2	The fast nucleation/growth of Co ₃ O ₄ nanowires on cotton silk: the facile development of a potentiometric uric acid biosensor. RSC Advances, 2022, 12, 18321-18332.	1.7	4
3	Silky Co ₃ O ₄ nanostructures for the selective and sensitive enzyme free sensing of uric acid. RSC Advances, 2021, 11, 5156-5162.	1.7	12
4	Facile Electrochemical Determination of Methotrexate (MTX) Using Glassy Carbon Electrode-Modified with Electronically Disordered NiO Nanostructures. Nanomaterials, 2021, 11, 1266.	1.9	12
5	Synthesis of composite material of cobalt oxide (Co ₃ O ₄) with hydroxide functionalized multi-walled carbon nanotubes (MWCNTs) for electrochemical determination of uric acid. Journal of Materials Science: Materials in Electronics, 2021, 32, 20047-20057.	1.1	0
6	A simple and efficient visible light photodetector based on Co ₃ O ₄ /ZnO composite. Optical and Quantum Electronics, 2021, 53, 1.	1.5	8
7	Flower-like CuO/polyaniline composite for electrochemical determination of hydrochlorothiazide. Bulletin of Materials Science, 2021, 44, 1.	0.8	2
8	Functional Nickel Oxide Nanostructures for Ethanol Oxidation in Alkaline Media. Electroanalysis, 2020, 32, 1052-1059.	1.5	21
9	A sensitive enzyme-free lactic acid sensor based on NiO nanoparticles for practical applications. Analytical Methods, 2019, 11, 3578-3583.	1.3	39
10	A practical non-enzymatic urea sensor based on NiCo ₂ O ₄ nanoneedles. RSC Advances, 2019, 9, 14443-14451.	1.7	50
11	MoS _x @NiO Composite Nanostructures: An Advanced Nonprecious Catalyst for Hydrogen Evolution Reaction in Alkaline Media. Advanced Functional Materials, 2019, 29, 1807562.	7.8	83
12	Functional CuO Microstructures for Glucose Sensing. Journal of Electronic Materials, 2018, 47, 1519-1525.	1.0	4
13	An amperometric sensitive dopamine biosensor based on novel copper oxide nanostructures. Microsystem Technologies, 2017, 23, 1229-1235.	1.2	16
14	Rice-like CuO nanostructures for sensitive electrochemical sensing of hydrazine. Microsystem Technologies, 2017, 23, 731-738.	1.2	13
15	Selective and Sensitive Nitrite Sensor Based on Glassy Carbon Electrode Modified by Silver Nanochains. Electroanalysis, 2017, 29, 415-422.	1.5	10
16	The Synthesis of Functional Cobalt Oxide Nanostructures, and their Sensitive Glucose Sensing Application. Electroanalysis, 2017, 29, 213-222.	1.5	11
17	Synthesis of Assembled ZnO Nanoparticles Using Dimethyl Glyxomate and Their Sensitive Determination Application of Dopamine. Sensor Letters, 2017, 15, 289-295.	0.4	2
18	The Development of Sensitive and Selective Dopamine Biosensor Based on Cu-Doped Cobalt Oxide Nanostructures. Sensor Letters, 2017, 15, 205-210.	0.4	0

#	ARTICLE	IF	CITATIONS
19	A Robust, Enzyme-Free Glucose Sensor Based on Lysine-Assisted CuO Nanostructures. <i>Sensors</i> , 2016, 16, 1878.	2.1	23
20	Glutaric Acid Assisted Fabrication of CuO Nanostructures and their Application in Development of Highly Sensitive Electrochemical Sensor System for Carbamates. <i>Electroanalysis</i> , 2016, 28, 1634-1640.	1.5	11
21	Ascorbic Acid Assisted Synthesis of Cobalt Oxide Nanostructures, Their Electrochemical Sensing Application for the Sensitive Determination of Hydrazine. <i>Journal of Electronic Materials</i> , 2016, 45, 3695-3701.	1.0	12
22	Amino acid assisted growth of CuO nanostructures and their potential application in electrochemical sensing of organophosphate pesticide. <i>Electrochimica Acta</i> , 2016, 190, 972-979.	2.6	48
23	The Synthesis of New Nanostructures of CuO Using Ascorbic Acid as Growth Directing Agent and Their Sensitive Electrochemical Detection of Hydrazine. <i>Sensor Letters</i> , 2016, 14, 611-615.	0.4	7
24	Fe-Doped Cobalt Oxide Nanostructures for the Development of Sensitive Dopamine Biosensor. <i>Sensor Letters</i> , 2016, 14, 764-768.	0.4	2
25	Synthesis of Novel Nanostructures of CuO, Their Characterization and Potential Applications for the Amperometric Detection of Dopamine. <i>Sensor Letters</i> , 2016, 14, 1161-1167.	0.4	4
26	An Amperometric Indirect Determination of Heavy Metal Ions Through Inhibition of Glucose Oxidase Immobilized on Cobalt Oxide Nanostructures. <i>Sensor Letters</i> , 2016, 14, 1178-1186.	0.4	8
27	A highly selective and sensitive electrochemical determination of melamine based on succinic acid functionalized copper oxide nanostructures. <i>RSC Advances</i> , 2015, 5, 105090-105097.	1.7	23
28	Role of cobalt precursors in the synthesis of Co_3O_4 hierarchical nanostructures toward the development of cobalt-based functional electrocatalysts for bifunctional water splitting in alkaline and acidic media. <i>Journal of the Chinese Chemical Society</i> , 0, , .	0.8	1
29	Utilization of polyvinyl amine hydrolysis product in enhancing the catalytic properties of Co_3O_4 nanowires: toward potentiometric glucose bio-sensing application. <i>Journal of Materials Science: Materials in Electronics</i> , 0, , 1.	1.1	0