Aneela Tahira

List of Publications by Year
in descending order

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29	432	840119 11	752256 20
papers	citations	h-index	g-index

29	29	29	707
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	A practical non-enzymatic urea sensor based on NiCo₂O₄ nanoneedles. RSC Advances, 2019, 9, 14443-14451.	1.7	50
3	Amino acid assisted growth of CuO nanostructures and their potential application in electrochemical sensing of organophosphate pesticide. Electrochimica Acta, 2016, 190, 972-979.	2.6	48
4	A sensitive enzyme-free lactic acid sensor based on NiO nanoparticles for practical applications. Analytical Methods, 2019, 11, 3578-3583.	1.3	39
5	A highly selective and sensitive electrochemical determination of melamine based on succinic acid functionalized copper oxide nanostructures. RSC Advances, 2015, 5, 105090-105097.	1.7	23
6	A Robust, Enzyme-Free Glucose Sensor Based on Lysine-Assisted CuO Nanostructures. Sensors, 2016, 16, 1878.	2.1	23
7	Functional Nickel Oxide Nanostructures for Ethanol Oxidation in Alkaline Media. Electroanalysis, 2020, 32, 1052-1059.	1.5	21
8	An amperometric sensitive dopamine biosensor based on novel copper oxide nanostructures. Microsystem Technologies, 2017, 23, 1229-1235.	1.2	16
9	Rice-like CuO nanostructures for sensitive electrochemical sensing of hydrazine. Microsystem Technologies, 2017, 23, 731-738.	1.2	13
10	Ascorbic Acid Assisted Synthesis of Cobalt Oxide Nanostructures, Their Electrochemical Sensing Application for the Sensitive Determination of Hydrazine. Journal of Electronic Materials, 2016, 45, 3695-3701.	1.0	12
11	Silky Co₃O₄ nanostructures for the selective and sensitive enzyme free sensing of uric acid. RSC Advances, 2021, 11, 5156-5162.	1.7	12
12	Facile Electrochemical Determination of Methotrexate (MTX) Using Glassy Carbon Electrode-Modified with Electronically Disordered NiO Nanostructures. Nanomaterials, 2021, 11, 1266.	1.9	12
13	Glutaric Acid Assisted Fabrication of CuO Nanostructures and their Application in Development of Highly Sensitive Electrochemical Sensor System for Carbamates. Electroanalysis, 2016, 28, 1634-1640.	1.5	11
14	The Synthesis of Functional Cobalt Oxide Nanostructures, and their Sensitive Glucose Sensing Application. Electroanalysis, 2017, 29, 213-222.	1.5	11
15	Selective and Sensitive Nitrite Sensor Based on Glassy Carbon Electrode Modified by Silver Nanochains. Electroanalysis, 2017, 29, 415-422.	1.5	10
16	A simple and efficient visible light photodetector based on Co3O4/ZnO composite. Optical and Quantum Electronics, 2021, 53, 1.	1.5	8
17	An Amperometric Indirect Determination of Heavy Metal Ions Through Inhibition of Glucose Oxidase Immobilized on Cobalt Oxide Nanostructures. Sensor Letters, 2016, 14, 1178-1186.	0.4	8
18	The Synthesis of New Nanostructures of CuO Using Ascorbic Acid as Growth Directing Agent and Their Sensitive Electrochemical Detection of Hydrazine. Sensor Letters, 2016, 14, 611-615.	0.4	7

#	Article	IF	Citations
19	Pd-Co3O4-based nanostructures for the development of enzyme-free glucose sensor. Bulletin of Materials Science, 2022, 45, 1.	0.8	6
20	Functional CuO Microstructures for Glucose Sensing. Journal of Electronic Materials, 2018, 47, 1519-1525.	1.0	4
21	Synthesis of Novel Nanostructures of CuO, Their Characterization and Potential Applications for the Amperometric Detection of Dopamine. Sensor Letters, 2016, 14, 1161-1167.	0.4	4
22	The fast nucleation/growth of Co₃O₄nanowires on cotton silk: the facile development of a potentiometric uric acid biosensor. RSC Advances, 2022, 12, 18321-18332.	1.7	4
23	Flower-like CuO/polyaniline composite for electrochemical determination of hydrochlorothiazide. Bulletin of Materials Science, 2021, 44, 1.	0.8	2
24	Fe-Doped Cobalt Oxide Nanostructures for the Development of Sensitive Dopamine Biosensor. Sensor Letters, 2016, 14, 764-768.	0.4	2
25	Synthesis of Assembled ZnO Nanoparticles Using Dimethyl Glyxomate and Their Sensitive Determination Application of Dopamine. Sensor Letters, 2017, 15, 289-295.	0.4	2
26	Role of cobalt precursors in the synthesis of <scp> Co ₃ O ₄ </scp> hierarchical nanostructures toward the development of cobaltâ€based functional electrocatalysts for bifunctional water splitting in alkaline and acidic media. Journal of the Chinese Chemical Society, 0, , .	0.8	1
27	Synthesis of composite material of cobalt oxide (Co3O4) 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
28	The Development of Sensitive and Selective Dopamine Biosensor Based on Cu-Doped Cobalt Oxide Nanostructures. Sensor Letters, 2017, 15, 205-210.	0.4	0
29	Utilization of polyvinyl amine hydrolysis product in enhancing the catalytic properties of Co3O4 nanowires: toward potentiometric glucose bio-sensing application. Journal of Materials Science: Materials in Electronics, 0, , 1.	1.1	0