

M M Alam

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4256191/m-m-alam-publications-by-year.pdf>

Version: 2024-04-17

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,180
citations

19
h-index

33
g-index

51
ext. papers

1,367
ext. citations

3.4
avg, IF

5.28
L-index

#	Paper	IF	Citations
51	Electrochemical Detection of 2-Nitrophenol Using a Glassy Carbon Electrode Modified with BaO Nanorods. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1475-1485	4.5	5
50	Assessment of Melamine in Different Water Samples with ZnO-doped Co O Nanoparticles on a Glassy Carbon Electrode by Differential Pulse Voltammetry. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 1820-1831	4.5	1
49	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped AgBr/SnO ₃ nanorods. <i>New Journal of Chemistry</i> , 2021 , 45, 1634-1650	3.6	3
48	A reliable electrochemical approach for detection of testosterone with CuO-doped CeO ₂ nanocomposites-coated glassy carbon electrode. <i>Journal of Materials Science: Materials in Electronics</i> , 2021 , 32, 5259-5273	2.1	4
47	Development of a 4-Nitrophenylhydrazine Sensor Based on MgTi ₂ O ₄ ?TiO ₂ ?Zn ₂ TiO ₄ Nanomaterials. <i>ChemistrySelect</i> , 2021 , 6, 323-331	1.8	
46	An alternative electrochemical approach for toluene detection with ZnO/MgO/CrO nanofibers on a glassy carbon electrode for environmental monitoring.. <i>RSC Advances</i> , 2020 , 10, 44641-44653	3.7	7
45	Selective detection of ascorbic acid with wet-chemically prepared CdO/SnO ₂ /V ₂ O ₅ micro-sheets by electrochemical approach. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	3
44	Assessment of environmentally unsafe pollutants using facile wet-chemically prepared CeO ₂ ?rO ₂ nanocomposites by the electrochemical approach. <i>New Journal of Chemistry</i> , 2020 , 44, 20285-20293	3.6	2
43	Selective Hg ²⁺ sensor performance based various carbon-nanofillers into CuO-PMMA nanocomposites. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 1946-1962	3.2	9
42	The fabrication of a chemical sensor with PANI-TiO nanocomposites.. <i>RSC Advances</i> , 2020 , 10, 12224-12233	3.7	16
41	The Performance of Various SWCNT Loading into CuO/PMMA Nanocomposites Towards the Detection of Mn ²⁺ Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020 , 30, 5024-5041	3.2	5
40	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary AgO/SrO/CaO.. <i>RSC Advances</i> , 2020 , 10, 11274-11291	3.7	24
39	3-Methoxyphenol chemical sensor fabrication with Ag ₂ O/CB nanocomposites. <i>New Journal of Chemistry</i> , 2020 , 44, 2001-2010	3.6	9
38	Facile and efficient 3-chlorophenol sensor development based on photoluminescent core-shell CdSe/ZnS quantum dots. <i>Scientific Reports</i> , 2020 , 10, 557	4.9	29
37	Hybrid poly(ether-arylidene-ether-sulphone)s derivatives for divalent cobalt ion detection. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	2
36	Detection of 3,4-diaminotoluene based on Sr _{0.3} Pb _{0.7} TiO ₃ /CoFe ₂ O ₄ core/shell nanocomposite via an electrochemical approach. <i>New Journal of Chemistry</i> , 2020 , 44, 7941-7953	3.6	13
35	Fabrication of hybrid PVA-PVC/SnZnOx/SWCNTs nanocomposites as Sn ²⁺ ionic probe for environmental safety. <i>Polymer-Plastics Technology and Materials</i> , 2020 , 59, 642-657	1.5	6

34	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective -tolyl hydrazine sensor based on mixed Ag/NiMnO nanomaterials.. <i>RSC Advances</i> , 2020 , 10, 30603-30619	3.7	5
33	Fabrication of selective and sensitive chemical sensor probe based on ternary nano-formulated CuO/MnO/GdO spikes by hydrothermal approach. <i>Scientific Reports</i> , 2020 , 10, 20248	4.9	10
32	Detection of thiourea with ternary Ag ₂ O/TiO ₂ /ZrO ₂ nanoparticles by electrochemical approach. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 31, 15422-15433	2.1	5
31	A reliable alternative approach for the ultra-sensitive detection of L-glutathione with wet chemically synthesized Co ₃ O ₄ -doped SnO ₂ nanoparticles decorated on a glassy carbon electrode. <i>New Journal of Chemistry</i> , 2020 , 44, 16020-16030	3.6	4
30	Facile SrO nanorods: an efficient and alternate detection approach for the selective removal of 4-aminophenol towards environmental safety. <i>New Journal of Chemistry</i> , 2020 , 44, 15507-15514	3.6	2
29	Development of an efficient phenolic sensor based on facile Ag ₂ O/Sb ₂ O ₃ nanoparticles for environmental safety. <i>Nanoscale Advances</i> , 2019 , 1, 696-705	5.1	35
28	Detection of uric acid based on doped ZnO/Ag ₂ O/Co ₃ O ₄ nanoparticle loaded glassy carbon electrode. <i>New Journal of Chemistry</i> , 2019 , 43, 8651-8659	3.6	110
27	Surfactant-assisted graphene oxide/methylaniline nanocomposites for lead ionic sensor development for the environmental remediation in real sample matrices. <i>International Journal of Environmental Science and Technology</i> , 2019 , 16, 8461-8470	3.3	9
26	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag ₂ O ₃ /SnO ₂ /Cr ₂ O ₃ nanoparticles. <i>New Journal of Chemistry</i> , 2019 , 43, 10352-10365	3.6	24
25	Synthesis of novel pyrazole incorporating a coumarin moiety (PC) for selective and sensitive Co ²⁺ detection. <i>New Journal of Chemistry</i> , 2019 , 43, 12331-12339	3.6	12
24	Selective Fabrication of an Electrochemical Sensor for Pb ²⁺ Based on Poly(pyrrole-co-oluidine)/CoFe ₂ O ₄ Nanocomposites. <i>ChemistrySelect</i> , 2019 , 4, 10609-10619	1.8	16
23	One-step wet-chemical synthesis of ternary ZnO/CuO/Co ₃ O ₄ nanoparticles for sensitive and selective melamine sensor development. <i>New Journal of Chemistry</i> , 2019 , 43, 4849-4858	3.6	113
22	Fabrication of a 3,4-Diaminotoluene Sensor Based on a TiO ₂ -Al ₂ O ₃ Nanocomposite Synthesized by a Fast and Facile Microwave Irradiation Method. <i>ChemistrySelect</i> , 2019 , 4, 12592-12600	1.8	10
21	Poly(pyrrole-toluidine) wrapped CoFeO/R(GO-OXSWCNTs) ternary composite material for Ga sensing ability.. <i>RSC Advances</i> , 2019 , 9, 33052-33070	3.7	16
20	Detection of toxic choline based on MnO/NiO nanomaterials by an electrochemical method.. <i>RSC Advances</i> , 2019 , 9, 35146-35157	3.7	29
19	Potential application of mixed metal oxide nanoparticle-embedded glassy carbon electrode as a selective 1,4-dioxane chemical sensor probe by an electrochemical approach.. <i>RSC Advances</i> , 2019 , 9, 42050-42061	3.7	18
18	Functionalized polyethersulfone as PES-NH ₂ -metal oxide nanofilers for the detection of Y ³⁺ . <i>Polymer Bulletin</i> , 2019 , 76, 4485-4506	2.4	4
17	Nanocomposite Containing Cross-linked Poly(Methyl-Methacrylate)/Multiwall Carbon Nanotube as a Selective Y ³⁺ Sensor Probe. <i>Polymer Composites</i> , 2019 , 40, E1673-E1684	3	12

16	Fabrication of 1,4-dioxane sensor based on microwave assisted PANi-SiO nanocomposites. <i>Talanta</i> , 2019 , 193, 64-69	6.2	42
15	Wet-chemically prepared low-dimensional ZnO/AlO/CrO nanoparticles for xanthine sensor development using an electrochemical method.. <i>RSC Advances</i> , 2018 , 8, 12562-12572	3.7	47
14	2-Nitrophenol sensor-based wet-chemically prepared binary doped CoO/AlO nanosheets by an electrochemical approach.. <i>RSC Advances</i> , 2018 , 8, 960-970	3.7	40
13	Hybride ZnCdCrO embedded aminated polyethersulfone nanocomposites for the development of Hg ²⁺ ionic sensor. <i>Materials Research Express</i> , 2018 , 5, 065019	1.7	22
12	3,4-Diaminotoluene sensor development based on hydrothermally prepared MnCoO nanoparticles. <i>Talanta</i> , 2018 , 176, 17-25	6.2	48
11	Nanocomposite based functionalized Polyethersulfone and conjugated ternary ZnYCdO nanomaterials for the fabrication of selective Cd ²⁺ sensor probe. <i>Journal of Polymer Research</i> , 2018 , 25, 1	2.7	26
10	In-situ Glycine Sensor Development Based ZnO/Al ₂ O ₃ /Cr ₂ O ₃ Nanoparticles. <i>ChemistrySelect</i> , 2018 , 3, 11460-11468	1.8	27
9	Selective hydrazine sensor fabrication with facile low-dimensional Fe ₂ O ₃ /CeO ₂ nanocubes. <i>New Journal of Chemistry</i> , 2018 , 42, 10263-10270	3.6	59
8	Fabrication of selective chemical sensor with ternary ZnO/SnO/YbO nanoparticles. <i>Talanta</i> , 2017 , 170, 215-223	6.2	65
7	Ethanol sensor development based on ternary-doped metal oxides (CdO/ZnO/Yb ₂ O ₃) nanosheets for environmental safety. <i>RSC Advances</i> , 2017 , 7, 22627-22639	3.7	66
6	Fabrication of 4-aminophenol sensor based on hydrothermally prepared ZnO/Yb ₂ O ₃ nanosheets. <i>New Journal of Chemistry</i> , 2017 , 41, 9159-9169	3.6	119
5	Fabrication of an acetone sensor based on facile ternary MnO ₂ /Gd ₂ O ₃ /SnO ₂ nanosheets for environmental safety. <i>New Journal of Chemistry</i> , 2017 , 41, 9938-9946	3.6	45
4	Highly sensitive sensor probe development with ZCCO nano-capsule composites for the selective detection of unsafe methanol chemical by electrochemical technique. <i>Applied Nanoscience (Switzerland)</i> ,1	3.3	0
3	Selective 1,4-dioxane chemical sensor development with doped ZnO/GO nanocomposites by electrochemical approach. <i>Journal of Materials Science: Materials in Electronics</i> ,1	2.1	1
2	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl ₂ O ₄ /ZnAl ₂ O ₄ nanomaterials. <i>Nanoscale Advances</i> ,	5.1	1
1	Development of 4-aminophenol sensor probe based on Co(0.8-x)ZrxNa0.2Fe ₂ O ₄ nanocomposites for monitoring environmental toxins. <i>Emergent Materials</i> ,1	3.5	0