

Pallab Chandra Saha

List of Publications by Citations

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

15
papers

248
citations

9
h-index

15
g-index

15
ext. papers

298
ext. citations

4.4
avg, IF

3.31
L-index

#	Paper	IF	Citations
15	Structural study, photoluminescence and photocatalytic properties of La ₂ O ₃ / Fe ₃ O ₄ / ZnO, AgO / NiO / ZnO and La ₂ O ₃ / AgO / ZnO nanocomposites. <i>Nano Structures Nano Objects</i> , 2017 , 10, 30-41	5.6	48
14	Fabrication of a 2,4-dinitrophenol sensor based on Fe ₃ O ₄ @Ag@Ni nanomaterials and studies on their antibacterial properties. <i>New Journal of Chemistry</i> , 2018 , 42, 872-881	3.6	38
13	Development of Bis-Phenol A sensor based on Fe ₂ MoO ₄ /Fe ₃ O ₄ /ZnO nanoparticles for sustainable environment. <i>Journal of Environmental Chemical Engineering</i> , 2018 , 6, 1396-1403	6.8	26
12	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO ₂ /ZnO/TiO ₂ nanomaterial.. <i>RSC Advances</i> , 2018 , 8, 33048-33058	3.7	25
11	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
10	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
9	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag ₂ O/SnO ₂ /TiO ₂ hetero-structure. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104051	6.8	17
8	Enhanced photocatalytic activity and chemical sensor development based on ternary B ₂ O ₃ /Zn ₆ Al ₂ O ₉ /ZnO nanomaterials for environmental safety. <i>New Journal of Chemistry</i> , 2017 , 41, 7220-7231	3.6	16
7	Development of an ultra-sensitive para-nitrophenol sensor using tri-metallic oxide MoO ₂ /Fe ₃ O ₄ /CuO nanocomposites. <i>Materials Advances</i> , 2020 , 1, 2831-2839	3.3	12
6	Photoluminescence and enhanced visible light driven photocatalysis studies of MoO ₃ /CuO/ZnO nanocomposite. <i>Research on Chemical Intermediates</i> , 2018 , 44, 6311-6326	2.8	8
5	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective -tolyl hydrazine sensor based on mixed Ag/Ni/MnO nanomaterials.. <i>RSC Advances</i> , 2020 , 10, 30603-30619	3.7	5
4	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped Ag/SrSnO ₃ nanorods. <i>New Journal of Chemistry</i> , 2021 , 45, 1634-1650	3.6	3
3	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
2	NIR red luminescent doped Ag[(Y _{0.95} Eu _{0.05}) ₂ O ₃ nanocomposite for 3-Chlorophenol sensor probe and anti-MDR bacterial application. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 106881	6.8	1
1	Highly sensitive and efficient hydrazine sensor probe development based on MoO ₃ /CuO/ZnO ternary mixed metal oxide nano-composites for sustainable environment. <i>Electrochemical Science Advances</i> , e2100031		0