Pallab Chandra Saha

List of Publications by Year
in descending order

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15 papers	346 citations	1039406 9 h-index	1058022 14 g-index
15 all docs	15 docs citations	15 times ranked	336 citing authors

#	Article	IF	Citations
1	Structural study, photoluminescence and photocatalytic properties of La2O3 â‹… Fe3O4 â‹… ZnO,AgO â‹… NiO â‹… ZnO and La2O3 â‹… AgO â‹… ZnO nanocomposites. Nano Structures Nano Objects, 2017, 10, 30-41.	1.9	62
2	Fabrication of a 2,4-dinitrophenol sensor based on Fe₃O₄@Ag@Ni nanomaterials and studies on their antibacterial properties. New Journal of Chemistry, 2018, 42, 872-881.	1.4	46
3	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary Ag₂OÂ·SrOÂ·CaO. RSC Advances, 2020, 10, 11274-11291.	1.7	39
4	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag₂O₃Â·SnO₂Â·Cr₂O₃ nanoparticles. New Journal of Chemistry, 2019, 43, 10352-10365.	1.4	33
5	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO₂Â·ZnOÂ·TiO₂ nanomaterial. RSC Advances, 2018, 8, 33048-33058.	1.7	32
6	Development of Bis-Phenol A sensor based on Fe2MoO4Â·Fe3O4Â·ZnO nanoparticles for sustainable environment. Journal of Environmental Chemical Engineering, 2018, 6, 1396-1403.	3.3	30
7	Development of an ultra-sensitive para-nitrophenol sensor using tri-metallic oxide MoO₂Â·Fe₃O₄Â·CuO nanocomposites. Materials Advances, 2020, 1, 2831-2839.	2.6	26
8	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag2OÂ·SnO2Â·TiO2 hetero-structure. Journal of Environmental Chemical Engineering, 2020, 8, 104051.	3.3	26
9	Enhanced photocatalytic activity and chemical sensor development based on ternary B2O3Â·Zn6Al2O9Â·ZnO nanomaterials for environmental safety. New Journal of Chemistry, 2017, 41, 7220-7231.	1.4	17
10	Photoluminescence and enhanced visible light driven photocatalysis studies of MoO3Â·CuOÂ·ZnO nanocomposite. Research on Chemical Intermediates, 2018, 44, 6311-6326.	1.3	10
11	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective m-tolyl hydrazine sensor based on mixed AgÂ·NiMn₂O₄ nanomaterials. RSC Advances, 2020, 10, 30603-30619.	1.7	8
12	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl₂O₄Â·ZnAl₂O₄ nanomaterials. Nanoscale Advances, 2021, 3, 5872-5889.	2.2	8
13	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped AgÂ·SrSnO₃ nanorods. New Journal of Chemistry, 2021, 45, 1634-1650.	1.4	5
14	Highly sensitive and efficient hydrazine sensor probe development based on MoO 3 /CuO/ZnO ternary mixed metal oxide nanoâ€composites for sustainable environment. Electrochemical Science Advances, 0, , e2100031.	1.2	2
15	NIR red luminescent doped AgÂ·(Y0.95Eu0.05)2O3 nanocomposite for 3-Chlorophenol sensor probe and anti-MDR bacterial application. Journal of Environmental Chemical Engineering, 2021, 9, 106881.	3.3	2