

Pallab Chandra Saha

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

346
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1040056
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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	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. Nano Structures Nano Objects, 2017, 10, 30-41.	3.5	62
2	Fabrication of a 2,4-dinitrophenol sensor based on Fe ₃ O ₄ @Ag@Ni nanomaterials and studies on their antibacterial properties. New Journal of Chemistry, 2018, 42, 872-881.	2.8	46
3	Enhanced visible light-mediated photocatalysis, antibacterial functions and fabrication of a 3-chlorophenol sensor based on ternary Ag ₂ O ∙ SrO ∙ CaO. RSC Advances, 2020, 10, 11274-11291.	3.6	39
4	Efficient selective 4-aminophenol sensing and antibacterial activity of ternary Ag ₂ O ∙ SnO ₂ ∙ Cr ₂ O ₃ nanoparticles. New Journal of Chemistry, 2019, 43, 10352-10365.	2.8	33
5	Enhanced photocatalytic activity and ultra-sensitive benzaldehyde sensing performance of a SnO ₂ ∙ ZnO ∙ TiO ₂ nanomaterial. RSC Advances, 2018, 8, 33048-33058.	3.6	32
6	Development of Bis-Phenol A sensor based on Fe ₂ MoO ₄ ∙ Fe ₃ O ₄ ∙ ZnO nanoparticles for sustainable environment. Journal of Environmental Chemical Engineering, 2018, 6, 1396-1403.	6.7	30
7	Development of an ultra-sensitive <i>p</i> -nitrophenol sensor using tri-metallic oxide MoO ₃ ∙ Fe ₃ O ₄ ∙ CuO nanocomposites. Materials Advances, 2020, 1, 2831-2839.	5.4	26
8	Photocatalysis, enhanced anti-bacterial performance and discerning thiourea sensing of Ag ₂ O ∙ SnO ₂ ∙ TiO ₂ hetero-structure. Journal of Environmental Chemical Engineering, 2020, 8, 104051.	6.7	26
9	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. New Journal of Chemistry, 2017, 41, 7220-7231.	2.8	17
10	Photoluminescence and enhanced visible light driven photocatalysis studies of MoO ₃ ∙ CuO ∙ ZnO nanocomposite. Research on Chemical Intermediates, 2018, 44, 6311-6326.	2.7	10
11	Photocatalysis, photoinduced enhanced anti-bacterial functions and development of a selective <i>m</i> -tolyl hydrazine sensor based on mixed Ag ∙ NiMn ₂ O ₄ nanomaterials. RSC Advances, 2020, 10, 30603-30619.	3.6	8
12	Photocatalytic performance, anti-bacterial activities and 3-chlorophenol sensor fabrication using MnAl ₂ O ₄ ∙ ZnAl ₂ O ₄ nanomaterials. Nanoscale Advances, 2021, 3, 5872-5889.	4.6	8
13	Photocatalytic, anti-bacterial performance and development of 2,4-diaminophenylhydrazine chemical sensor probe based on ternary doped Ag ∙ SrSnO ₃ nanorods. New Journal of Chemistry, 2021, 45, 1634-1650.	2.8	5
14	Highly sensitive and efficient hydrazine sensor probe development based on MoO ₃ /CuO/ZnO ternary mixed metal oxide nano-composites for sustainable environment. Electrochemical Science Advances, 0, e2100031.	2.8	2
15	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. Journal of Environmental Chemical Engineering, 2021, 9, 106881.	6.7	2