

Amrita Ghosh

List of Publications by Year in descending order

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15
papers

560
citations

840776

11
h-index

1058476

14
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16
all docs

16
docs citations

16
times ranked

715
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of n-TiO ₂ /p-CuO thin-film heterojunction for efficient photocatalytic degradation of toxic organic dyes and reduction of metal ions in solution. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 16616-16633.	2.2	10
2	Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ / polypyrrole nanocomposite: A novel magnetic photocatalyst for degradation of organic dyes. <i>Synthetic Metals</i> , 2020, 267, 116459.	3.9	16
3	Polyaniline/Reduced Graphene Oxide Composite-Enhanced Visible-Light-Driven Photocatalytic Activity for the Degradation of Organic Dyes. <i>ACS Omega</i> , 2019, 4, 1623-1635.	3.5	112
4	Pd-Incorporated Cu ₂ X Se Thin Film Structure: Preparation, Characterization And Enhanced Photocatalytic Activity. <i>Materials Today: Proceedings</i> , 2018, 5, 9935-9940.	1.8	0
5	Facile synthesis of aluminium doped zinc oxide-polyaniline hybrids for photoluminescence and enhanced visible-light assisted photo-degradation of organic contaminants. <i>Applied Surface Science</i> , 2017, 402, 418-428.	6.1	74
6	Enhanced photo catalytic performance of nickel doped bismuth selenide under visible light irradiation. <i>Materials Research Express</i> , 2017, 4, 035902.	1.6	9
7	Efficient charge separation in mixed phase Cu ₇ S ₄ -CuO thin film: Enhanced photocatalytic reduction of aqueous Ni (II) under visible-light. <i>Thin Solid Films</i> , 2017, 628, 68-74.	1.8	13
8	Polyaniline-“single walled carbon nanotube composite” a photocatalyst to degrade rose bengal and methyl orange dyes under visible-light illumination. <i>RSC Advances</i> , 2017, 7, 36403-36415.	3.6	86
9	Remarkable photo-catalytic degradation of malachite green by nickel doped bismuth selenide under visible light irradiation. <i>Applied Surface Science</i> , 2017, 392, 540-548.	6.1	57
10	The dopant dependent photocatalytic activity of polyaniline towards the degradation of Rose Bengal dye. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	2
11	Galvanic synthesis of Cu ₂ X Se thin films and their photocatalytic and thermoelectric properties. <i>Applied Surface Science</i> , 2016, 369, 525-534.	6.1	50
12	Facile electrochemical deposition of Cu ₇ Te ₄ thin films with visible-light driven photocatalytic activity and thermoelectric performance. <i>RSC Advances</i> , 2016, 6, 22803-22811.	3.6	46
13	Fabrication of stable, efficient and recyclable p-CuO/n-ZnO thin film heterojunction for visible light driven photocatalytic degradation of organic dyes. <i>Materials Letters</i> , 2016, 164, 221-224.	2.6	44
14	A simple electrochemical route to deposit Cu ₇ S ₄ thin films and their photocatalytic properties. <i>Applied Surface Science</i> , 2015, 328, 63-70.	6.1	27
15	Electrochemical synthesis of p-CuO thin films and development of a p-CuO/n-ZnO heterojunction and its application as a selective gas sensor. <i>RSC Advances</i> , 2014, 4, 51569-51575.	3.6	14