

# Amrita Ghosh

## List of Publications by Year in descending order

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15  
papers

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citations

840776

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1058476

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docs citations

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times ranked

715  
citing authors

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