

Amrita Ghosh

List of Publications by Year in descending order

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papers

489
citations

1040056

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14
docs citations

14
times ranked

648
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensing and Bioimaging of the Gaseous Signaling Molecule Hydrogen Sulfide by Near-Infrared Fluorescent Probes. ACS Sensors, 2020, 5, 3365-3391.	7.8	107
2	Recent progress in hydrogen sulphide (H ₂ S) sensors by metal displacement approach. Coordination Chemistry Reviews, 2017, 347, 141-157.	18.8	101
3	Selective Detection of Cyanide in Water and Biological Samples by an Off-the-Shelf Compound. ACS Sensors, 2016, 1, 1265-1271.	7.8	89
4	Selective Detection of H ₂ S by Copper Complex Embedded in Vesicles through Metal Indicator Displacement Approach. ACS Sensors, 2018, 3, 1142-1148.	7.8	53
5	Multifunctionality Exploration of Ca ₂ FeRuO ₆ : An Efficient Trifunctional Electrocatalyst toward OER/ORR/HER and Photocatalyst for Water Splitting. ACS Applied Energy Materials, 2021, 4, 1323-1334.	5.1	32
6	Copper Complex-Embedded Vesicular Receptor for Selective Detection of Cyanide Ion and Colorimetric Monitoring of Enzymatic Reaction. ACS Applied Materials & Interfaces, 2019, 11, 47587-47595.	8.0	27
7	Anion responsive and morphology tunable tripodal gelators. RSC Advances, 2016, 6, 83303-83311.	3.6	19
8	Immediate Formation/Precipitation of Icosahedrally Structured Iron-Molybdenum Mixed Oxides from Solutions Upon Mixing Simple Iron(III) and Molybdate Salts. Journal of Cluster Science, 2014, 25, 301-311.	3.3	18
9	Photo controlled release of nitric oxide (NO) from amphiphilic and nanoscale vesicles based ruthenium nitrosyl complex: NO release and cytotoxicity studies. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 425, 113703.	3.9	11
10	Giant iron polyoxometalate that works as a catalyst for water oxidation. New Journal of Chemistry, 2020, 44, 3764-3770.	2.8	10
11	Multifunctionality exploration of NiCo ₂ O ₄ -rGO nanocomposites: photochemical water oxidation, methanol electro-oxidation and asymmetric supercapacitor applications. Dalton Transactions, 2021, 50, 18001-18015.	3.3	8
12	Light-induced water oxidation by polymorphs of the Zn-Co-Ni oxide spinel catalyst: a comparative study. Sustainable Energy and Fuels, 2019, 3, 786-792.	4.9	7
13	Antiferromagnetically coupled double perovskite as an efficient and robust catalyst for visible light driven water splitting at neutral pH. Physical Chemistry Chemical Physics, 2022, 24, 5083-5093.	2.8	5
14	Advances in nanomaterials-based biosensors for the development of virus detection. , 2022, , 203-217.		2