

Mahmoud Sayed

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

1,008
citations

933447

10
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

641
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Noble Plasmonic Metal-Based Photocatalysts. <i>Chemical Reviews</i> , 2022, 122, 10484-10537.	47.7	268
2	3D Graphene-Based H ₂ -Production Photocatalyst and Electrocatalyst. <i>Advanced Energy Materials</i> , 2020, 10, 1903802.	19.5	199
3	Sustained CO ₂ -photoreduction activity and high selectivity over Mn, C-codoped ZnO core-triple shell hollow spheres. <i>Nature Communications</i> , 2021, 12, 4936.	12.8	159
4	EPR Investigation on Electron Transfer of 2D/3D g-C ₃ N ₄ /ZnO S ₂ S Scheme Heterojunction for Enhanced CO ₂ Photoreduction. <i>Advanced Sustainable Systems</i> , 2022, 6, 2100264.	5.3	112
5	Hollow CdS-based photocatalysts. <i>Journal of Materiomics</i> , 2021, 7, 419-439.	5.7	72
6	Plasmon-induced interfacial charge-transfer transition prompts enhanced CO ₂ photoreduction over Cu/Cu ₂ O octahedrons. <i>Chemical Engineering Journal</i> , 2020, 397, 125390.	12.7	65
7	Single-atom heterogeneous photocatalysts. <i>Chem Catalysis</i> , 2021, 1, 1173-1214.	6.1	59
8	Adsorption Behavior of Cd ²⁺ and Zn ²⁺ onto Natural Egyptian Bentonitic Clay. <i>Minerals (Basel)</i> , 2020, 10, 1074.	2.0	38
9	Experimental investigation of the thermal performance of a radiator using various nanofluids for automotive PEMFC applications. <i>International Journal of Energy Research</i> , 2021, 45, 6831-6849.	4.5	24
10	Removal of cadmium (II) from aqueous solution and natural water samples using polyurethane foam/organobentonite/iron oxide nanocomposite adsorbent. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 105-118.	3.5	12