

# Ahmed Mahmoud Idris

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Dye-Sensitized Fe-MOF nanosheets as Visible-Light driven photocatalyst for high efficient photocatalytic CO <sub>2</sub> reduction. Journal of Colloid and Interface Science, 2022, 607, 1180-1188.	9.4	47
2	Sr <sub>2</sub> NiWO <sub>6</sub> Double Perovskite Oxide as a Novel Visible-Light-Responsive Water Oxidation Photocatalyst. ACS Applied Materials & Interfaces, 2020, 12, 25938-25948.	8.0	44
3	Surface Defect Engineering of CsPbBr <sub>3</sub> Nanocrystals for High Efficient Photocatalytic CO <sub>2</sub> Reduction. Solar Rrl, 2021, 5, 2100154.	5.8	39
4	Upconversion nanoparticles coupled with hierarchical ZnIn <sub>2</sub> S <sub>4</sub> nanorods as a near-infrared responsive photocatalyst for photocatalytic CO <sub>2</sub> reduction. Journal of Colloid and Interface Science, 2022, 612, 782-791.	9.4	39
5	Sr <sub>2</sub> CoTaO <sub>6</sub> Double Perovskite Oxide as a Novel Visible-Light-Absorbing Bifunctional Photocatalyst for Photocatalytic Oxygen and Hydrogen Evolution Reactions. ACS Sustainable Chemistry and Engineering, 2020, 8, 14190-14197.	6.7	37
6	A Novel Double Perovskite Oxide Semiconductor Sr <sub>2</sub> CoWO <sub>6</sub> as Bifunctional Photocatalyst for Photocatalytic Oxygen and Hydrogen Evolution Reactions from Water under Visible Light Irradiation. Solar Rrl, 2020, 4, 1900456.	5.8	36
7	A heterostructure of halide and oxide double perovskites Cs <sub>2</sub> AgBiBr <sub>6</sub> /Sr <sub>2</sub> FeNbO <sub>6</sub> for boosting the charge separation toward high efficient photocatalytic CO <sub>2</sub> reduction under visible-light irradiation. Chemical Engineering Journal, 2022, 446, 137197.	12.7	34
8	Enhanced Rhodamine B and coking wastewater degradation and simultaneous electricity generation via anodic g-C <sub>3</sub> N <sub>4</sub> /FeO(1%)/TiO <sub>2</sub> and cathodic WO <sub>3</sub> in photocatalytic fuel cell system under visible light irradiation. Electrochimica Acta, 2019, 298, 430-439.	5.2	32
9	Exploration of the intrinsic factors limiting the photocurrent density in ferroelectric BiFeO <sub>3</sub> thin film. Journal of Materials Chemistry A, 2020, 8, 6863-6873.	10.3	30
10	Sensitive and selective colorimetric nitrite ion assay using silver nanoparticles easily synthesized and stabilized by AHNDMS and functionalized with PABA. Nanoscale Advances, 2019, 1, 1207-1214.	4.6	21
11	Intrinsic photocatalytic water oxidation activity of Mn-doped ferroelectric BiFeO <sub>3</sub> . Chinese Journal of Catalysis, 2021, 42, 945-952.	14.0	21
12	Fabrication of RGO-Fe <sub>3</sub> O <sub>4</sub> Hybrid Functionalized with Ag <sub>3</sub> PO <sub>4</sub> as photocatalyst for degradation of Rhodamine B under Visible Light Irradiation. Materials Research Bulletin, 2018, 102, 100-107.	5.2	20
13	In situ fabrication of graphene-based Ag <sub>3</sub> PO <sub>4</sub> @AgBr composite with enhanced photocatalytic activity under simulated sunlight. Journal of Environmental Chemical Engineering, 2017, 5, 1526-1535.	6.7	13
14	An In-Situ Anion Exchange Method Synthesized of Ag <sub>3</sub> PO <sub>4</sub> Functionalized with Fe <sub>3</sub> O <sub>4</sub> and AgI for Photocatalytic Degradation of Methyl Orange under Visible Light Irradiation. International Journal of Materials Science and Applications, 2014, 3, 303.	0.1	6