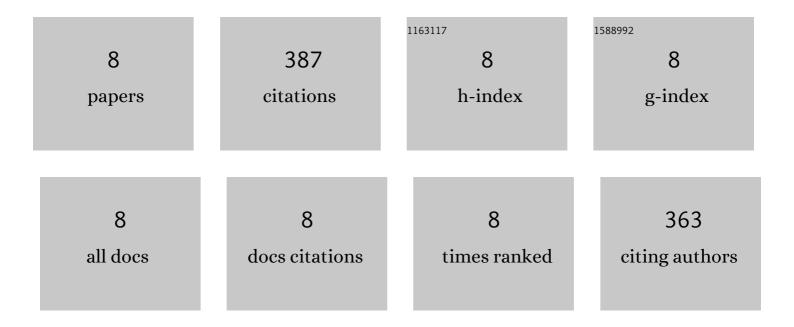
## Elhussein M Hashem

List of Publications by Year in descending order

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FLHUSSEIN M HASHEM

#	Article	IF	CITATIONS
1	Co–Cu Bimetallic Metal Organic Framework Catalyst Outperforms the Pt/C Benchmark for Oxygen Reduction. Journal of the American Chemical Society, 2021, 143, 4064-4073.	13.7	175
2	Novel Z-Scheme/Type-II CdS@ZnO/g-C3N4 ternary nanocomposites for the durable photodegradation of organics: Kinetic and mechanistic insights. Chemosphere, 2021, 277, 128730.	8.2	58
3	A graphene gold nanocomposite-based 5-FU drug and the enhancement of the MCF-7 cell line treatment. RSC Advances, 2019, 9, 31021-31029.	3.6	40
4	Fabrication of novel AgIO4/SnO2 heterojunction for photocatalytic hydrogen production through direct Z-scheme mechanism. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 400, 112660.	3.9	39
5	Facile one-pot ultrasonic-assisted synthesis of novel Ag@RGO/g-C3N4 ternary OD@2D/2D nanocomposite with enhanced synergetic tandem adsorption-photocatalytic degradation of recalcitrant organic dyes: Kinetic and mechanistic insights. Materials Research Bulletin, 2021, 142, 111386.	5.2	25
6	Investigating the UV absorption capabilities in novel Ag@RGO/ZnO ternary nanocomposite for optoelectronic devices. Nanotechnology, 2021, 32, 085701.	2.6	24
7	Investigating the Tradeoff Between Transparency and Efficiency in Semitransparent Bifacial Mesosuperstructured Solar Cells for Millimeter-Scale Applications. IEEE Journal of Photovoltaics, 2021, 11, 1222-1235.	2.5	17
8	Facile one-pot aqueous synthesis of highly soluble and luminescent CdSe quantum dots without nitrogen bubbling. CrystEngComm, 2020, 22, 4816-4822.	2.6	9