

# Ghada H Ahmed

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7999432/publications.pdf>

Version: 2024-02-01

16  
papers

1,448  
citations

686830

13  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2626  
citing authors

#	ARTICLE	IF	CITATIONS
1	Successes and Challenges of Core/Shell Lead Halide Perovskite Nanocrystals. ACS Energy Letters, 2021, 6, 1340-1357.	8.8	100
2	Reflections on hosting summer undergraduate researchers in the midst of a pandemic. Matter, 2021, 4, 3074-3077.	5.0	1
3	Near-unity photoluminescence quantum yield in inorganic perovskite nanocrystals by metal-ion doping. Journal of Chemical Physics, 2020, 152, 020902.	1.2	42
4	Correlation of Photoluminescence and Structural Morphologies at the Individual Nanoparticle Level. Journal of Physical Chemistry A, 2020, 124, 4855-4860.	1.1	7
5	Designed growth and patterning of perovskite nanowires for lasing and wide color gamut phosphors with long-term stability. Nano Energy, 2020, 73, 104801.	8.2	53
6	Unlocking the Effect of Trivalent Metal Doping in All-Inorganic CsPbBr <sub>3</sub> Perovskite. ACS Energy Letters, 2019, 4, 789-795.	8.8	116
7	Giant Photoluminescence Enhancement in CsPbCl <sub>3</sub> Perovskite Nanocrystals by Simultaneous Dual-Surface Passivation. ACS Energy Letters, 2018, 3, 2301-2307.	8.8	244
8	Pyridine-Induced Dimensionality Change in Hybrid Perovskite Nanocrystals. Chemistry of Materials, 2017, 29, 4393-4400.	3.2	100
9	Engineering Interfacial Charge Transfer in CsPbBr <sub>3</sub> Perovskite Nanocrystals by Heterovalent Doping. Journal of the American Chemical Society, 2017, 139, 731-737.	6.6	406
10	Direct-Indirect Nature of the Bandgap in Lead-Free Perovskite Nanocrystals. Journal of Physical Chemistry Letters, 2017, 8, 3173-3177.	2.1	172
11	Single-step colloidal quantum dot films for infrared solar harvesting. Applied Physics Letters, 2016, 109, .	1.5	52
12	Shape-Tunable Charge Carrier Dynamics at the Interfaces between Perovskite Nanocrystals and Molecular Acceptors. Journal of Physical Chemistry Letters, 2016, 7, 3913-3919.	2.1	43
13	The impact of electrostatic interactions on ultrafast charge transfer at Ag <sub>29</sub> nanoclusters@fullerene and CdTe quantum dots@fullerene interfaces. Journal of Materials Chemistry C, 2016, 4, 2894-2900.	2.7	12
14	Molecular-structure Control of Ultrafast Electron Injection at Cationic Porphyrin@CdTe Quantum Dot Interfaces. Journal of Physical Chemistry Letters, 2015, 6, 791-795.	2.1	34
15	Direct Femtosecond Observation of Charge Carrier Recombination in Ternary Semiconductor Nanocrystals: The Effect of Composition and Shelling. Journal of Physical Chemistry C, 2015, 119, 3439-3446.	1.5	38
16	Quantum confinement-tunable intersystem crossing and the triplet state lifetime of cationic porphyrin@CdTe quantum dot nano-assemblies. Chemical Communications, 2015, 51, 8010-8013.	2.2	28