

Maya Chaaban

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,419
citations

623734

14
h-index

940533

16
g-index

22
all docs

22
docs citations

22
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Low dimensional metal halide perovskites and hybrids. <i>Materials Science and Engineering Reports</i> , 2019, 137, 38-65.	31.8	300
2	Highly Stable Organic Antimony Halide Crystals for X-ray Scintillation. , 2020, 2, 633-638.		141
3	Metal Halide Regulated Photophysical Tuning of Zero-Dimensional Organic Metal Halide Hybrids: From Efficient Phosphorescence to Ultralong Afterglow. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23067-23071.	13.8	120
4	Green Emitting Single-Crystalline Bulk Assembly of Metal Halide Clusters with Near-Unity Photoluminescence Quantum Efficiency. <i>ACS Energy Letters</i> , 2019, 4, 1579-1583.	17.4	117
5	Organic-inorganic metal halide hybrids beyond perovskites. <i>Materials Research Letters</i> , 2018, 6, 552-569.	8.7	97
6	Bulk Assembly of Zero-Dimensional Organic Lead Bromide Hybrid with Efficient Blue Emission. , 2019, 1, 594-598.		92
7	0D and 2D: The Cases of Phenylethylammonium Tin Bromide Hybrids. <i>Chemistry of Materials</i> , 2020, 32, 4692-4698.	6.7	72
8	Bulk Assembly of Corrugated 1D Metal Halides with Broadband Yellow Emission. <i>Advanced Optical Materials</i> , 2019, 7, 1801474.	7.3	65
9	Bulk Assembly of Multicomponent Zero-Dimensional Metal Halides with Dual Emission. , 2020, 2, 376-380.		65
10	Platinum(^{II}) binuclear complexes: molecular structures, photophysical properties, and applications. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5910-5924.	5.5	59
11	Bulk Assemblies of Lead Bromide Trimer Clusters with Geometry-Dependent Photophysical Properties. <i>Chemistry of Materials</i> , 2020, 32, 374-380.	6.7	56
12	Hollow metal halide perovskite nanocrystals with efficient blue emissions. <i>Science Advances</i> , 2020, 6, eaaz5961.	10.3	54
13	Optically pumped white light-emitting diodes based on metal halide perovskites and perovskite-related materials. <i>APL Materials</i> , 2020, 8, .	5.1	34
14	Thiazol-2-thiolate-Bridged Binuclear Platinum(II) Complexes with High Photoluminescence Quantum Efficiencies of up to Near Unity. <i>Inorganic Chemistry</i> , 2020, 59, 13109-13116.	4.0	29
15	Band Edge Control of Quasi-2D Metal Halide Perovskites for Blue Light-Emitting Diodes with Enhanced Performance. <i>Advanced Functional Materials</i> , 2021, 31, 2103299.	14.9	28
16	Metal Halide Regulated Photophysical Tuning of Zero-Dimensional Organic Metal Halide Hybrids: From Efficient Phosphorescence to Ultralong Afterglow. <i>Angewandte Chemie</i> , 2020, 132, 23267-23271.	2.0	27
17	Metal Halide Scaffolded Assemblies of Organic Molecules with Enhanced Emission and Room Temperature Phosphorescence. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8229-8236.	4.6	27
18	Mechanochemical Synthesis of Zero Dimensional Organic-Inorganic Metal Halide Hybrids. <i>ChemPhotoChem</i> , 2021, 5, 326-329.	3.0	19

#	ARTICLE	IF	CITATIONS
19	Dramatically Enhanced X-ray Scintillation of BODIPY via Sensitization by an Organic Metal Halide. , 2022, 4, 271-276.		11
20	Color Tuning of Luminescent Cationic Platinum(II) Complexes: Effects of Molecular Structures and Counteranions. Small Structures, 0, , .	12.0	3
21	Dual-Mechanism Quenched Fluorogenic Probe Provides Selective and Rapid Detection of Cathepsin L Activity**. ChemMedChem, 2021, 16, 1082-1087.	3.2	2