Lingling Mao

List of Publications by Year
in descending order

33	5,225	23	32
papers	citations	h-index	g-index
		279798	414414

33	33	33	4867
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ligand Control of Structural Diversity in Luminescent Hybrid Copper(I) Iodides. Chemistry of Materials, 2022, 34, 3206-3216.	6.7	23
2	The Renaissance of Functional Hybrid Transition-Metal Halides. Accounts of Materials Research, 2022, 3, 439-448.	11.7	26
3	Hybrid Layered Double Perovskite Halides of Transition Metals. Journal of the American Chemical Society, 2022, 144, 6661-6666.	13.7	23
4	A <scp>Oneâ€Pot</scp> Strategy for the Synthesis of <scp><i>Î²</i>â€Substituted</scp> Rhodaâ€•and <scp>Iridaâ€Carbolong</scp> Complexes. Chinese Journal of Chemistry, 2022, 40, 1777-1784.	4.9	8
5	Structural Origin of Enhanced Circularly Polarized Luminescence in Hybrid Manganese Bromides. Angewandte Chemie - International Edition, 2022, 61, .	13.8	37
6	Structural Origin of Enhanced Circularly Polarized Luminescence in Hybrid Manganese Bromides. Angewandte Chemie, 2022, 134, .	2.0	9
7	Enhancing and Extinguishing the Different Emission Features of 2D (EA_{1â^'}<i>_x</i>FA<i>_x</i>)₄Pb₃Br<sub>10</sub Perovskite Films. Advanced Optical Materials, 2022, 10, .	7.3	2
8	Direct Detection of Circularly Polarized Light Using Chiral Copper Chlorideâ€"Carbon Nanotube Heterostructures. ACS Nano, 2021, 15, 7608-7617.	14.6	69
9	Layered Double Perovskites. Annual Review of Materials Research, 2021, 51, 351-380.	9.3	33
10	Growth-Controlled Broad Emission in Phase-Pure Two-Dimensional Hybrid Perovskite Films. Chemistry of Materials, 2021, 33, 7290-7300.	6.7	13
11	Tunable Luminescence in Hybrid Cu(I) and Ag(I) Iodides. Inorganic Chemistry, 2020, 59, 15487-15494.	4.0	8
12	Design Principles for Enhancing Photoluminescence Quantum Yield in Hybrid Manganese Bromides. Journal of the American Chemical Society, 2020, 142, 13582-13589.	13.7	173
13	Narrow-Bandgap Mixed Lead/Tin-Based 2D Dionâ€"Jacobson Perovskites Boost the Performance of Solar Cells. Journal of the American Chemical Society, 2020, 142, 15049-15057.	13.7	103
14	Structural Evolution of Layered Hybrid Lead Iodide Perovskites in Colloidal Dispersions. ACS Nano, 2020, 14, 11294-11308.	14.6	18
15	Highly tunable properties in pressure-treated two-dimensional Dionâ€"Jacobson perovskites. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16121-16126.	7.1	35
16	Tunable Perovskite-Derived Bismuth Halides: Cs₃Bi₂(Cl_{1â€"<i>x</i>}I_{<i>x</i>})₉. Inorganic Chemistry, 2020, 59, 3387-3393.	4.0	23
17	Organic Cation Alloying on Intralayer A and Interlayer Aâ€™ sites in 2D Hybrid Dionâ€"Jacobson Lead Bromide Perovskites (Aâ€™)(A)Pb₂Br₇. Journal of the American Chemical Society, 2020, 142, 8342-8351.	13.7	64
18	Chemical and Structural Diversity of Hybrid Layered Double Perovskite Halides. Journal of the American Chemical Society, 2019, 141, 19099-19109.	13.7	144

#	Article	IF	Citations
19	Seven-Layered 2D Hybrid Lead Iodide Perovskites. CheM, 2019, 5, 2593-2604.	11.7	79
20	Compositional and Solvent Engineering in Dionâ€“Jacobson 2D Perovskites Boosts Solar Cell Efficiency and Stability. Advanced Energy Materials, 2019, 9, 1803384.	19.5	219
21	Two-Dimensional Hybrid Halide Perovskites: Principles and Promises. Journal of the American Chemical Society, 2019, 141, 1171-1190.	13.7	999
22	Hybrid Dionâ€“Jacobson 2D Lead Iodide Perovskites. Journal of the American Chemical Society, 2018, 140, 3775-3783.	13.7	686
23	Hyperbolic Dispersion Arising from Anisotropic Excitons in Two-Dimensional Perovskites. Physical Review Letters, 2018, 121, 127401.	7.8	51
24	Structural Diversity in White-Light-Emitting Hybrid Lead Bromide Perovskites. Journal of the American Chemical Society, 2018, 140, 13078-13088.	13.7	351
25	Cross-plane coherent acoustic phonons in two-dimensional organic-inorganic hybrid perovskites. Nature Communications, 2018, 9, 2019.	12.8	71
26	Air-Stable Direct Bandgap Perovskite Semiconductors: All-Inorganic Tin-Based Heteroleptic Halides A_{<i>x</i>}SnCl_{<i>y</i>}I_{<i>z</i>} (A = Cs, Rb). Chemistry of Materials, 2018, 30, 4847-4856.	6.7	65
27	White-Light Emission and Structural Distortion in New Corrugated Two-Dimensional Lead Bromide Perovskites. Journal of the American Chemical Society, 2017, 139, 5210-5215.	13.7	536
28	Structureâ€“Band Gap Relationships in Hexagonal Polytypes and Low-Dimensional Structures of Hybrid Tin Iodide Perovskites. Inorganic Chemistry, 2017, 56, 56-73.	4.0	220
29	Efficient Lead-Free Solar Cells Based on Hollow {en}MASnI₃ Perovskites. Journal of the American Chemical Society, 2017, 139, 14800-14806.	13.7	230
30	Enhanced photovoltaic performance and stability with a new type of hollow 3D perovskite {en}FASnI ₃. Science Advances, 2017, 3, e1701293.	10.3	325
31	Tunable White-Light Emission in Single-Cation-Templated Three-Layered 2D Perovskites (CH₃CH₂NH₃)₄Pb₃Br_{10â€“<i>x</i>}Cl<sub><i>x</i></su Journal of the American Chemical Society, 2017, 139, 11956-11963.	13.7	149
32	Role of Organic Counterion in Lead- and Tin-Based Two-Dimensional Semiconducting Iodide Perovskites and Application in Planar Solar Cells. Chemistry of Materials, 2016, 28, 7781-7792.	6.7	228
33	Boosting the performance and stability of inverted perovskite solar cells by using a carbolong derivative to modulate the cathode interface. Materials Chemistry Frontiers, 0, , .	5.9	5