

Zhongwei Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Pressure-Induced Remarkable Enhancement of Self-Trapped Exciton Emission in One-Dimensional CsCu ₂ I ₃ with Tetrahedral Units. <i>Journal of the American Chemical Society</i> , 2020, 142, 1786-1791.	13.7	121
2	Pressure-Engineered Photoluminescence Tuning in Zero-Dimensional Lead Bromide Trimer Clusters. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2583-2587.	13.8	66
3	High Pressure Structural and Optical Properties of Two-Dimensional Hybrid Halide Perovskite (CH ₃ NH ₃) ₃ Bi ₂ Br ₉ . <i>Inorganic Chemistry</i> , 2019, 58, 1621-1626.	4.0	46
4	Metal halide perovskites under compression. <i>Journal of Materials Chemistry A</i> , 2019, 7, 16089-16108.	10.3	42
5	Excitation-Dependent Emission Color Tuning of 0D Cs ₂ InBr ₅ ·H ₂ O at High Pressure. <i>Advanced Functional Materials</i> , 2021, 31, 2104923.	14.9	35
6	Self-Trapped Exciton Emission with High Thermal Stability in Antimony-Doped Hybrid Manganese Chloride. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	34
7	Selected Negative Linear Compressibilities in the Metal-Organic Framework of [Cu(4,4'-bpy) ₂ (H ₂ O) ₂] ₂ ·SiF ₆ . <i>Inorganic Chemistry</i> , 2020, 59, 1715-1722.	4.0	19
8	Pressure-Engineered Photoluminescence Tuning in Zero-Dimensional Lead Bromide Trimer Clusters. <i>Angewandte Chemie</i> , 2021, 133, 2615-2619.	2.0	15
9	Thickness-Dependent Structural Stability and Anisotropy of Black Phosphorus. <i>Advanced Electronic Materials</i> , 2019, 5, 1800712.	5.1	11
10	Black Phosphorus: Thickness-Dependent Structural Stability and Anisotropy of Black Phosphorus (<i>Adv. Electron. Mater.</i> 3/2019). <i>Advanced Electronic Materials</i> , 2019, 5, 1970012.	5.1	2