

Haoming Wei

List of Publications by Year in descending order

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22
papers

251
citations

933447

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326
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Ferroelectric Domain Structure on Bulk Photovoltaic Effect of Epitaxial BiFeO ₃ Films. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	3
2	Stable CsPbX ₃ mixed halide alloyed epitaxial films prepared by pulsed laser deposition. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	13
3	Dopant compensation in p-type doped MAPbCuI ₃ alloyed perovskite crystals. <i>Applied Physics Letters</i> , 2022, 121, 012102.	3.3	0
4	Plasmonic Au Nanooctahedrons Enhance Light Harvesting and Photocarrier Extraction in Perovskite Solar Cell. <i>ACS Applied Energy Materials</i> , 2021, 4, 3201-3209.	5.1	25
5	Tuning Jahn-Teller distortion and electron localization of LaMnO ₃ epitaxial films via substrate temperature. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 235302.	2.8	11
6	Large-area CsPbBr ₃ perovskite films grown with effective one-step RF-magnetron sputtering. <i>Journal of Applied Physics</i> , 2021, 129, .	2.5	9
7	Enhancing the bulk photovoltaic effect by tuning domain walls in epitaxial BiFeO ₃ films. <i>Nanotechnology</i> , 2021, 32, 495402.	2.6	5
8	Enhanced photoluminescence of CsPbBr _{3-x} I _x nanocrystals via plasmonic Au nanoarrays. <i>Optics Express</i> , 2021, 29, 36988.	3.4	9
9	Epitaxial Growth of Quasi-intrinsic CsPbBr ₃ Film on a SrTiO ₃ Substrate by Pulsed Laser Deposition. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5592-5600.	4.3	7
10	Modifying Jahn-Teller distortion by epitaxial stress in LaMnO ₃ films for tuning electron localization. <i>Journal of Physics Condensed Matter</i> , 2021, .	1.8	1
11	Photoluminescence enhancement of perovskite CsPbBr ₃ quantum dots by plasmonic Au nanorods. <i>Chemical Physics</i> , 2020, 530, 110627.	1.9	19
12	Highly Conductive P-Type MAPbI ₃ Films and Crystals via Sodium Doping. <i>Frontiers in Chemistry</i> , 2020, 8, 754.	3.6	18
13	Polarization-enhanced bulk photovoltaic effect of BiFeO ₃ epitaxial film under standard solar illumination. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2020, 384, 126831.	2.1	11
14	Reduced bandgap and enhanced p-type electrical conduction in Ag-alloyed Cu ₂ O thin films. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	3
15	Progress and perspective on CsPbX ₃ nanocrystals for light emitting diodes and solar cells. <i>Journal of Applied Physics</i> , 2020, 128, .	2.5	20
16	From energy harvesting to topologically insulating behavior: ABO ₃ -type epitaxial thin films and superlattices. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15575-15596.	5.5	22
17	Copper submicrospheres induced by pulsed laser-irradiation with enhanced tribology properties. <i>New Journal of Chemistry</i> , 2019, 43, 13526-13535.	2.8	4
18	Highly transparent and conductive ¹¹³ CuI films grown by simply dipping copper films into iodine solution. <i>Physica B: Condensed Matter</i> , 2019, 573, 45-48.	2.7	23

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19	Two-dimensional Frank-van-der-Merwe growth of functional oxide and nitride thin film superlattices by pulsed laser deposition. <i>Journal of Materials Research</i> , 2017, 32, 3936-3946.	2.6	9
20	Confinement-driven metal-insulator transition and polarity-controlled conductivity of epitaxial LaNiO ₃ /LaAlO ₃ (111) superlattices. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	15
21	LaNiO ₃ films with tunable out-of-plane lattice parameter and their strain-related electrical properties. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 1925-1930.	1.8	9
22	Modeling the conductivity around the dimensionality-controlled metal-insulator transition in LaNiO ₃ /LaAlO ₃ (100) superlattices. <i>Applied Physics Letters</i> , 2015, 106, .	3.3	15