

Jingru Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

3,826
citations

394421

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580821

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient and Stable CsPbTh ₃ (Th = I, Br, Cl) Perovskite Solar Cells by Combinational Passivation Strategy. <i>Advanced Science</i> , 2022, 9, e2105103.	11.2	20
2	Ligand-Anchoring-Induced Oriented Crystal Growth for High-Efficiency Lead-Tin Perovskite Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	38
3	Enhanced Efficiency of Inorganic CsPbI ₃ Br Perovskite Solar Cell via Self-Regulation of Antisite Defects. <i>Advanced Energy Materials</i> , 2021, 11, 2100403.	19.5	45
4	Systematic identification and expression analysis of the Sox gene family in spotted sea bass (<i>Lateolabrax maculatus</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 38, 100817.	1.0	2
5	Defects in CsPbX ₃ Perovskite: From Understanding to Effective Manipulation for High-Performance Solar Cells. <i>Small Methods</i> , 2021, 5, e2100725.	8.6	37
6	Molten-Salt-Assisted CsPb ₃ Perovskite Crystallization for Nearly 20% Efficiency Solar Cells. <i>Advanced Materials</i> , 2021, 33, e2103770.	21.0	81
7	Design of surface termination for high-performance perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23597-23606.	10.3	25
8	Identification and Characterization of lncRNAs Related to the Muscle Growth and Development of Japanese Flounder (<i>Paralichthys olivaceus</i>). <i>Frontiers in Genetics</i> , 2020, 11, 1034.	2.3	11
9	Pore structure and VOCs adsorption characteristics of activated coke powders derived via one-step rapid pyrolysis activation method. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2020, 15, e2503.	1.5	4
10	Methylation status and expression patterns of myomaker gene play important roles in postnatal development in the Japanese flounder (<i>Paralichthys olivaceus</i>). <i>General and Comparative Endocrinology</i> , 2019, 280, 104-114.	1.8	6
11	Anorganische CsPbX ₃ -Perowskit-Solarzellen: Fortschritte und Perspektiven. <i>Angewandte Chemie</i> , 2019, 131, 15742-15765.	2.0	20
12	All-Inorganic CsPbX ₃ Perovskite Solar Cells: Progress and Prospects. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15596-15618.	13.8	425
13	All-Ambient Processed Binary CsPbBr ₃ CsPb ₂ Br ₅ Perovskites with Synergistic Enhancement for High-Efficiency Cs-Pb-Br-Based Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 7145-7154.	8.0	171
14	3D-2D Interface Profiling for Record Efficiency All-Inorganic CsPbBr ₂ Perovskite Solar Cells with Superior Stability. <i>Advanced Energy Materials</i> , 2018, 8, 1703246.	19.5	301
15	Interstitial Mn ²⁺ -Driven High-Aspect-Ratio Grain Growth for Low-Trap-Density Microcrystalline Films for Record Efficiency CsPb ₂ Br Solar Cells. <i>ACS Energy Letters</i> , 2018, 3, 970-978.	17.4	356
16	Joint Subcarrier Assignment and Downlink-Uplink Time-Power Allocation for Wireless Powered OFDM-NOMA Systems. , 2018, , .		6
17	Iodine-Optimized Interface for Inorganic CsPb ₂ Br Perovskite Solar Cell to Attain High Stabilized Efficiency Exceeding 14%. <i>Advanced Science</i> , 2018, 5, 1801123.	11.2	90
18	All-inorganic cesium lead iodide perovskite solar cells with stabilized efficiency beyond 15%. <i>Nature Communications</i> , 2018, 9, 4544.	12.8	379

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19	Graded Bandgap CsPbI ₂ +BrI ⁺ Perovskite Solar Cells with a Stabilized Efficiency of 14.4%. <i>Joule</i> , 2018, 2, 1500-1510.	24.0	307
20	Stable ultra-fast broad-bandwidth photodetectors based on I [±] -CsPbI ₃ perovskite and NaYF ₄ :Yb,Er quantum dots. <i>Nanoscale</i> , 2017, 9, 6278-6285.	5.6	93
21	ITIC surface modification to achieve synergistic electron transport layer enhancement for planar-type perovskite solar cells with efficiency exceeding 20%. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9514-9522.	10.3	103
22	Energy-Down-Shift CsPbCl ₃ :Mn Quantum Dots for Boosting the Efficiency and Stability of Perovskite Solar Cells. <i>ACS Energy Letters</i> , 2017, 2, 1479-1486.	17.4	221
23	High-performance transparent ultraviolet photodetectors based on inorganic perovskite CsPbCl ₃ nanocrystals. <i>RSC Advances</i> , 2017, 7, 36722-36727.	3.6	90
24	Two-inch-sized Perovskite CH ₃ NH ₃ PbX ₃ (X = Cl, Br, I) Crystals: Growth and Characterization. <i>Advanced Materials</i> , 2015, 27, 5176-5183.	21.0	914