

Haodi Wu

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

3,133
citations

430874

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docs citations

20
times ranked

2805
citing authors

#	ARTICLE	IF	CITATIONS
1	Quasi-2D Perovskite Thick Film for X-Ray Detection with Low Detection Limit. <i>Advanced Functional Materials</i> , 2022, 32, 2109458.	14.9	48
2	Compact and Large-Area Perovskite Films Achieved via Soft-Pressing and Multi-Functional Polymerizable Binder for Flat-Panel X-Ray Imager. <i>Advanced Functional Materials</i> , 2022, 32, 2110729.	14.9	58
3	Formamidinium Perovskitizers and Aromatic Spacers Synergistically Building Bilayer Dion-Jacobson Perovskite Photoelectric Bulk Crystals. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 11690-11698.	8.0	20
4	Metal Halide Scintillators with Fast and Self-Absorption-Free Defect-Bound Excitonic Radioluminescence for Dynamic X-Ray Imaging. <i>Advanced Functional Materials</i> , 2021, 31, 2007921.	14.9	78
5	Metal Halide Perovskites for X-Ray Detection and Imaging. <i>Matter</i> , 2021, 4, 144-163.	10.0	222
6	Oriented-Structured CsCu ₂ I ₃ Film by Close-Space Sublimation and Nanoscale Seed Screening for High-Resolution X-ray Imaging. <i>Nano Letters</i> , 2021, 21, 1392-1399.	9.1	113
7	Eco-Friendly and Highly Efficient Light-Emission Ferroelectric Scintillators by Precise Molecular Design. <i>Advanced Functional Materials</i> , 2021, 31, 2102848.	14.9	50
8	Embedding Cs ₃ Cu ₂ I ₅ Scintillators into Anodic Aluminum Oxide Matrix for High-Resolution X-Ray Imaging. <i>Advanced Optical Materials</i> , 2021, 9, 2101194.	7.3	48
9	Large Lead-Free Perovskite Single Crystal for High-Performance Coplanar X-Ray Imaging Applications. <i>Advanced Optical Materials</i> , 2020, 8, 2000814.	7.3	67
10	Hot-Pressed CsPbBr ₃ Quasi-Monocrystalline Film for Sensitive Direct X-ray Detection. <i>Advanced Materials</i> , 2019, 31, e1904405.	21.0	213
11	Controlled Cooling for Synthesis of Cs ₂ AgBiBr ₆ Single Crystals and Its Application for X-Ray Detection. <i>Advanced Optical Materials</i> , 2019, 7, 1900491.	7.3	118
12	Surface-Tension-Controlled Crystallization for High-Quality 2D Perovskite Single Crystals for Ultrahigh Photodetection. <i>Matter</i> , 2019, 1, 465-480.	10.0	202
13	Heteroepitaxial passivation of Cs ₂ AgBiBr ₆ wafers with suppressed ionic migration for X-ray imaging. <i>Nature Communications</i> , 2019, 10, 1989.	12.8	252
14	Controllable Cs _x FA _{1-x} Pb ₃ Single-Crystal Morphology via Rationally Regulating the Diffusion and Collision of Micelles toward High-Performance Photon Detectors. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 13812-13821.	8.0	35
15	In Situ Regulating the Order-Disorder Phase Transition in Cs ₂ AgBiBr ₆ Single Crystal toward the Application in an X-Ray Detector. <i>Advanced Functional Materials</i> , 2019, 29, 1900234.	14.9	114
16	High-Quality Cuboid CH ₃ NH ₃ Pb ₃ Single Crystals for High Performance X-Ray and Photon Detectors. <i>Advanced Functional Materials</i> , 2019, 29, 1806984.	14.9	115
17	Cs ₂ AgInCl ₆ Double Perovskite Single Crystals: Parity Forbidden Transitions and Their Application For Sensitive and Fast UV Photodetectors. <i>ACS Photonics</i> , 2018, 5, 398-405.	6.6	317
18	X-ray scintillation in lead-free double perovskite crystals. <i>Science China Chemistry</i> , 2018, 61, 1581-1586.	8.2	79

#	ARTICLE	IF	CITATIONS
19	Cs ₂ AgBiBr ₆ single-crystal X-ray detectors with a low detection limit. Nature Photonics, 2017, 11, 726-732.	31.4	984
20	Threshold Optimization in Multi-Voltage Threshold Digitizers for TOF PET detector. , 2017, , .		0