# Haodi Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11068997/publications.pdf

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| 20 | 3,133 | 430874 | 794594 |
|---|---|---|---|
| papers | citations | 18 h-index | 19 g-index |

| 20 | 20 | 20 | 2805 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Cs2AgBiBr6 single-crystal X-ray detectors with a low detection limit. Nature Photonics, 2017, 11, 726-732. | 31.4 | 984 |
| 2 | Cs<sub>2</sub>AgInCl<sub>6</sub> Double Perovskite Single Crystals: Parity Forbidden Transitions and Their Application For Sensitive and Fast UV Photodetectors. ACS Photonics, 2018, 5, 398-405. | 6.6 | 317 |
| 3 | Heteroepitaxial passivation of Cs2AgBiBr6 wafers with suppressed ionic migration for X-ray imaging. Nature Communications, 2019, 10, 1989. | 12.8 | 252 |
| 4 | Metal Halide Perovskites for X-Ray Detection and Imaging. Matter, 2021, 4, 144-163. | 10.0 | 222 |
| 5 | Hotâ€Pressed CsPbBr<sub>3</sub> Quasiâ€Monocrystalline Film for Sensitive Direct Xâ€ray Detection. Advanced Materials, 2019, 31, e1904405. | 21.0 | 213 |
| 6 | Surface-Tension-Controlled Crystallization for High-Quality 2D Perovskite Single Crystals for Ultrahigh Photodetection. Matter, 2019, 1, 465-480. | 10.0 | 202 |
| 7 | Controlled Cooling for Synthesis of Cs<sub>2</sub>AgBiBr<sub>6</sub> Single Crystals and Its Application for Xâ€Ray Detection. Advanced Optical Materials, 2019, 7, 1900491. | 7.3 | 118 |
| 8 | Highâ€Quality Cuboid CH<sub>3</sub>NH<sub>3</sub>PbI<sub>3</sub> Single Crystals for High Performance Xâ€Ray and Photon Detectors. Advanced Functional Materials, 2019, 29, 1806984. | 14.9 | 115 |
| 9 | In Situ Regulating the Orderâ€“Disorder Phase Transition in Cs<sub>2</sub>AgBiBr<sub>6</sub> Single Crystal toward the Application in an Xâ€Ray Detector. Advanced Functional Materials, 2019, 29, 1900234. | 14.9 | 114 |
| 10 | Oriented-Structured CsCu<sub>2</sub>I<sub>3</sub> Film by Close-Space Sublimation and Nanoscale Seed Screening for High-Resolution X-ray Imaging. Nano Letters, 2021, 21, 1392-1399. | 9.1 | 113 |
| 11 | X-ray scintillation in lead-free double perovskite crystals. Science China Chemistry, 2018, 61, 1581-1586. | 8.2 | 79 |
| 12 | Metal Halide Scintillators with Fast and Selfâ€Absorptionâ€Free Defectâ€Bound Excitonic Radioluminescence for Dynamic Xâ€Ray Imaging. Advanced Functional Materials, 2021, 31, 2007921. | 14.9 | 78 |
| 13 | Large Leadâ€Free Perovskite Single Crystal for Highâ€Performance Coplanar Xâ€Ray Imaging Applications. Advanced Optical Materials, 2020, 8, 2000814. | 7.3 | 67 |
| 14 | Compact and Largeâ€Area Perovskite Films Achieved via Softâ€Pressing and Multiâ€Functional Polymerizable Binder for Flatâ€Panel Xâ€Ray Imager. Advanced Functional Materials, 2022, 32, 2110729. | 14.9 | 58 |
| 15 | Ecoâ€Friendly and Highly Efficient Lightâ€Emission Ferroelectric Scintillators by Precise Molecular Design. Advanced Functional Materials, 2021, 31, 2102848. | 14.9 | 50 |
| 16 | Embedding Cs<sub>3</sub>Cu<sub>2</sub>I<sub>5</sub> Scintillators into Anodic Aluminum Oxide Matrix for Highâ€Resolution Xâ€Ray Imaging. Advanced Optical Materials, 2021, 9, 2101194. | 7.3 | 48 |
| 17 | Quasiâ€2D Perovskite Thick Film for Xâ€Ray Detection with Low Detection Limit. Advanced Functional Materials, 2022, 32, 2109458. | 14.9 | 48 |
| 18 | Controllable Cs<sub>x</sub>FA<sub>1â€“x</sub>PbI<sub>3</sub> Single-Crystal Morphology via Rationally Regulating the Diffusion and Collision of Micelles toward High-Performance Photon Detectors. ACS Applied Materials & Interfaces, 2019, 11, 13812-13821. | 8.0 | 35 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Formamidinium Perovskitizers and Aromatic Spacers Synergistically Building Bilayer Dionâ€“Jacobson Perovskite Photoelectric Bulk Crystals. ACS Applied Materials & Interfaces, 2022, 14, 11690-11698. | 8.0 | 20 |
| 20 | Threshold Optimization in Multi-Voltage Threshold Digitizers for TOF PET detector. , 2017, , . | | 0 |