

Jaeho Choi

List of Publications by Year in descending order

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17
papers

1,442
citations

759233

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#	ARTICLE	IF	CITATIONS
1	Organolead Halide Perovskites for Low Operating Voltage Multilevel Resistive Switching. <i>Advanced Materials</i> , 2016, 28, 6562-6567.	21.0	285
2	Organic-Inorganic Hybrid Halide Perovskites for Memories, Transistors, and Artificial Synapses. <i>Advanced Materials</i> , 2018, 30, e1704002.	21.0	205
3	Air-Stable Cesium Lead Iodide Perovskite for Ultra-Low Operating Voltage Resistive Switching. <i>Advanced Functional Materials</i> , 2018, 28, 1705783.	14.9	177
4	Enhanced Endurance Organolead Halide Perovskite Resistive Switching Memories Operable under an Extremely Low Bending Radius. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 30764-30771.	8.0	135
5	Lead-Free All-Inorganic Cesium Tin Iodide Perovskite for Filamentary and Interface-Type Resistive Switching toward Environment-Friendly and Temperature-Tolerant Nonvolatile Memories. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8155-8163.	8.0	133
6	Wafer-scale reliable switching memory based on 2-dimensional layered organic-inorganic halide perovskite. <i>Nanoscale</i> , 2017, 9, 15278-15285.	5.6	113
7	Inhibition of Ion Migration for Reliable Operation of Organolead Halide Perovskite-Based Metal/Semiconductor/Metal Broadband Photodetectors. <i>Advanced Functional Materials</i> , 2016, 26, 4213-4222.	14.9	112
8	Halide Perovskites for Applications beyond Photovoltaics. <i>Small Methods</i> , 2018, 2, 1700310.	8.6	94
9	Tailored 2D/3D Halide Perovskite Heterointerface for Substantially Enhanced Endurance in Conducting Bridge Resistive Switching Memory. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 17039-17045.	8.0	55
10	Hydrociphher: Bioinspired Dynamic Structural Color-Based Cryptographic Surface. <i>Advanced Optical Materials</i> , 2020, 8, 1901259.	7.3	49
11	Conducting Bridge Resistive Switching Behaviors in Cubic MAPbI_3 , Orthorhombic RbPbI_3 , and Their Mixtures. <i>Advanced Electronic Materials</i> , 2019, 5, 1800586.	5.1	33
12	Direct Observation of Surface Potential Distribution in Insulation Resistance Degraded Acceptor-Doped BaTiO_3 Multilayered Ceramic Capacitors. <i>Electronic Materials Letters</i> , 2018, 14, 629-635.	2.2	15
13	Preparation and Characterization of $\text{Pb}(\text{Zr}, \text{Ti})\text{O}_3$ Thin Films by Metalorganic Chemical vapor Deposition Using a Solid Delivery System. <i>Journal of Materials Research</i> , 2000, 15, 1284-1290.	2.6	12
14	Mimicry of the plant leaf with a living hydrogel sheet of cellulose nanofibers. <i>Carbohydrate Polymers</i> , 2022, 290, 119485.	10.2	9
15	Halide Perovskites: Organic-Inorganic Hybrid Halide Perovskites for Memories, Transistors, and Artificial Synapses (<i>Adv. Mater.</i> 42/2018). <i>Advanced Materials</i> , 2018, 30, 1870317.	21.0	7
16	Data Storage: Air-Stable Cesium Lead Iodide Perovskite for Ultra-Low Operating Voltage Resistive Switching (<i>Adv. Funct. Mater.</i> 5/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870029.	14.9	4
17	Plausible carrier transport model in organic-inorganic hybrid perovskite resistive memory devices. <i>AIP Advances</i> , 2018, 8, .	1.3	3