

Phase transition kinetics and surface binding states of n perovskite

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Citation Report

#	ARTICLE	IF	CITATIONS
2	In situ investigation of degradation at organometal halide perovskite surfaces by X-ray photoelectron spectroscopy at realistic water vapour pressure. <i>Chemical Communications</i> , 2017, 53, 5231-5234.	2.2	78
3	Unveiling the Crystal Formation of Cesium Lead Mixed-Halide Perovskites for Efficient and Stable Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2936-2940.	2.1	169
4	Rapid, stable and self-powered perovskite detectors via a fast chemical vapor deposition process. <i>RSC Advances</i> , 2017, 7, 18224-18230.	1.7	57
5	Understanding surface chemistry during MAPbI ₃ spray deposition and its effect on photovoltaic performance. <i>Journal of Materials Chemistry C</i> , 2017, 5, 902-916.	2.7	89
6	Pillars of assembled pyridyl bis-urea macrocycles: a robust synthon to organize diiodotetrafluorobenzenes. <i>CrystEngComm</i> , 2017, 19, 484-491.	1.3	10
7	Communication—Large Electron-Hole Diffusion Lengths in Methylammonium Lead Triiodide Perovskite Films Prepared by an Electrochemical-Chemical Approach. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, P819-P821.	0.9	1
8	Oxygen-induced defects at the lead halide perovskite/graphene oxide interfaces. <i>Journal of Materials Chemistry A</i> , 2018, 6, 1423-1442.	5.2	26
9	Revealing the Self-Degradation Mechanisms in Methylammonium Lead Iodide Perovskites in Dark and Vacuum. <i>ChemPhysChem</i> , 2018, 19, 1507-1513.	1.0	56
10	Architecture of Biperovskite-Based LaCrO ₃ /PbTiO ₃ p-n Heterojunction with a Strong Interface for Enhanced Charge Anti-recombination Process and Visible Light-Induced Photocatalytic Reactions. <i>Inorganic Chemistry</i> , 2018, 57, 15133-15148.	1.9	52
11	Improving the stability of methylammonium lead iodide perovskite solar cells by cesium doping. <i>Thin Solid Films</i> , 2018, 667, 40-47.	0.8	24
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13	Type-I alignment in MAPbI ₃ based solar devices with doped-silicon nanocrystals. <i>Nano Energy</i> , 2018, 50, 245-255.	8.2	22
14	Enhanced solar cell stability by hygroscopic polymer passivation of metal halide perovskite thin film. <i>Energy and Environmental Science</i> , 2018, 11, 2609-2619.	15.6	276
15	Highly efficient hydrogen generation of BiI ₃ nanoplates decorated with Ag nanoparticles. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 15962-15974.	3.8	10
16	Light-Induced Anomalous Resistive Switches Based on Individual Organic-Inorganic Halide Perovskite Micro/Nanofibers. <i>Advanced Electronic Materials</i> , 2018, 4, 1800206.	2.6	26
17	Effect of depositing PCBM on perovskite-based metal-oxide-semiconductor field effect transistors. <i>Chinese Physics B</i> , 2018, 27, 047208.	0.7	3
18	Predominant Stable MAPbI ₃ Films Deposited via Chemical Vapor Deposition: Stability Studies in Illuminated and Darkened States Coupled with Temperature under an Open-Air Atmosphere. <i>ACS Applied Energy Materials</i> , 2018, 1, 3301-3312.	2.5	16
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27	Multi-shaped cationic gold nanoparticle-l-cysteine-ZnSeS quantum dots hybrid nanozyme as an intrinsic peroxidase mimic for the rapid colorimetric detection of cocaine. Sensors and Actuators B: Chemical, 2019, 287, 416-427.	4.0	27
28	Doping and Photon Induced Defect Healing of Hybrid Perovskite Thin Films: An Approach Towards Efficient Light Emitting Diodes. ChemNanoMat, 2019, 5, 666-673.	1.5	5
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57	Effect of Annealing on Innovative CsPbI ₃ -QDs Doped Perovskite Thin Films. <i>Crystals</i> , 2021, 11, 101.	1.0	5
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76	Crystallization Tailoring for Efficient and Stable Perovskite Solar Cells Via Introduction of Propionic Acid in a Green Anti-Solvent. <i>Journal of Electronic Materials</i> , 0, , .	1.0	0
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