

Jonathan Ogle

List of Publications by Year in descending order

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12
papers

255
citations

1163117

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562
citing authors

#	ARTICLE	IF	CITATIONS
1	Low temperature homoepitaxy of (010) Pb^{2+} -Ga ₂ O ₃ by metalorganic vapor phase epitaxy: Expanding the growth window. Applied Physics Letters, 2020, 117, .	3.3	56
2	Understanding Hydrogen Bonding Interactions in Crosslinked Methylammonium Lead Iodide Crystals: Towards Reducing Moisture and Light Degradation Pathways. Angewandte Chemie - International Edition, 2019, 58, 13912-13921.	13.8	43
3	Self-assembled propylammonium cations at grain boundaries and the film surface to improve the efficiency and stability of perovskite solar cells. Journal of Materials Chemistry A, 2019, 7, 23739-23746.	10.3	41
4	Morphology and Optoelectronic Variations Underlying the Nature of the Electron Transport Layer in Perovskite Solar Cells. ACS Applied Energy Materials, 2018, 1, 602-615.	5.1	25
5	Catalytic growth of vertically aligned SnS/SnS ₂ heterojunctions. Materials Research Express, 2017, 4, 094002.	1.6	23
6	Semiconducting to Metallic Electronic Landscapes in Defects-Controlled 2D π -Conjugated Coordination Polymer Thin Films. Advanced Functional Materials, 2021, 31, 2006920.	14.9	19
7	Quantifying multiple crystallite orientations and crystal heterogeneities in complex thin film materials. CrystEngComm, 2019, 21, 5707-5720.	2.6	17
8	Voltage bias stress effects in metal halide perovskites are strongly dependent on morphology and ion migration pathways. Journal of Materials Chemistry A, 2020, 8, 25109-25119.	10.3	11
9	Steric hindrance dependence on the spin and morphology properties of highly oriented self-doped organic small molecule thin films. Materials Advances, 2021, 2, 356-365.	5.4	8
10	Understanding Hydrogen Bonding Interactions in Crosslinked Methylammonium Lead Iodide Crystals: Towards Reducing Moisture and Light Degradation Pathways. Angewandte Chemie, 2019, 131, 14050-14059.	2.0	5
11	Promoting Bandlike Transport in Well-Defined and Highly Conducting Polymer Thin Films upon Controlling Dopant Oxidation Levels and Polaron Effects. ACS Applied Polymer Materials, 2021, 3, 2938-2949.	4.4	5
12	Interplay between Morphology and Electronic Structure in Emergent Organic and π -Conjugated Organometal Thin Film Materials. Industrial & Engineering Chemistry Research, 2021, 60, 15365-15379.	3.7	2