

Nico Leupold

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Powder Treatment for Increased Thickness of Iron Coatings Produced by the Powder Aerosol Deposition Method and Formation of Iron-Alumina Multilayer Structures. <i>Journal of Thermal Spray Technology</i> , 2021, 30, 480-487.	3.1	3
2	Suppressed ion migration in powder-based perovskite thick films using an ionic liquid. <i>Journal of Materials Chemistry C</i> , 2021, 9, 11827-11837.	5.5	5
3	Microscopic (Dis)order and Dynamics of Cations in Mixed FA/MA Lead Halide Perovskites. <i>Journal of Physical Chemistry C</i> , 2021, 125, 1742-1753.	3.1	28
4	Electrical Conductivity of Halide Perovskites Follows Expectations from Classical Defect Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2882-2889.	2.0	14
5	Recent Advances and Perspectives on Powder-Based Halide Perovskite Film Processing. <i>Advanced Functional Materials</i> , 2021, 31, 2007350.	14.9	33
6	Impact of Pressure and Temperature on the Compaction Dynamics and Layer Properties of Powder-Pressed Methylammonium Lead Halide Thick Films. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2619-2628.	4.3	14
7	High Versatility and Stability of Mechanochemically Synthesized Halide Perovskite Powders for Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 30259-30268.	8.0	47
8	Powder aerosol deposition method's novel applications in the field of sensing and energy technology. <i>Functional Materials Letters</i> , 2019, 12, 1930005.	1.2	38
9	Oxygen partial pressure dependency of the electrical conductivity of aerosol deposited alumina films between 650°C and 900°C. <i>Materials Letters</i> , 2019, 245, 208-210.	2.6	1
10	Influence of high temperature annealing on the dielectric properties of alumina films prepared by the aerosol deposition method. <i>Functional Materials Letters</i> , 2018, 11, 1850022.	1.2	7
11	High-Temperature Electrical Insulation Behavior of Alumina Films Prepared at Room Temperature by Aerosol Deposition and Influence of Annealing Process and Powder Impurities. <i>Journal of Thermal Spray Technology</i> , 2018, 27, 870-879.	3.1	23