

Nico Leupold

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

213
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

226
citing authors

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