

Michael Schubert

List of Publications by Year in descending order

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12
papers

373
citations

1040056

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1199594

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docs citations

13
times ranked

271
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Carrier Gas Composition on the Stress of Al ₂ O ₃ Coatings Prepared by the Aerosol Deposition Method. <i>Materials</i> , 2014, 7, 5633-5642.	2.9	62
2	Powder requirements for aerosol deposition of alumina films. <i>Advanced Powder Technology</i> , 2015, 26, 1143-1151.	4.1	55
3	How to treat powders for the room temperature aerosol deposition method to avoid porous, low strength ceramic films. <i>Journal of the European Ceramic Society</i> , 2019, 39, 592-600.	5.7	47
4	Powder aerosol deposition method "novel applications in the field of sensing and energy technology. <i>Functional Materials Letters</i> , 2019, 12, 1930005.	1.2	38
5	Tuning of the electrical conductivity of Sr(Ti,Fe)O ₃ oxygen sensing films by aerosol co-deposition with Al ₂ O ₃ . <i>Sensors and Actuators B: Chemical</i> , 2016, 230, 427-433.	7.8	37
6	Influence of Oxygen Partial Pressure during Processing on the Thermoelectric Properties of Aerosol-Deposited CuFeO ₂ . <i>Materials</i> , 2016, 9, 227.	2.9	24
7	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
8	Capacitive soot sensor for diesel exhausts. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 1020-1027.	7.8	16
9	Effect of substrate hardness and surface roughness on the film formation of aerosol-deposited ceramic films. <i>Functional Materials Letters</i> , 2017, 10, 1750045.	1.2	14
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	Capacitive Soot Sensor. <i>Procedia Engineering</i> , 2015, 120, 241-244.	1.2	5
12	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