Patrik Hoffmann

List of Publications by Year
in descending order

17 papers	1,067 citations	1040056 9 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	1397 citing authors

#	Article	IF	Citations
1	Room Temperature Direct Electron Beam Lithography in a Condensed Copper Carboxylate. Micromachines, 2021, 12, 580.	2.9	6
2	Harnessing nano oil reservoir network for generating low friction and wear in self-mating alumina. Materials and Design, 2021, 206, 109821.	7.0	2
3	Epitaxial Growth of Silicon on Silicon Wafers by Direct Laser Melting. Materials, 2020, 13, 4728.	2.9	6
4	High-Purity Copper Structures from a Perfluorinated Copper Carboxylate Using Focused Electron Beam Induced Deposition and Post-Purification. ACS Applied Electronic Materials, 2020, 2, 1989-1996.	4.3	10
5	Versatile micro- and nanotexturing techniques for antibacterial applications. , 2019, , 27-62.		6
6	Perfluoropolyether-Impregnated Mesoporous Alumina Composites Overcome the Dewettingâ€“Tribological Properties Trade-Off. ACS Applied Materials & Interfaces, 2018, 10, 10560-10570.	8.0	20
7	Flexural strength evaluations and fractography analyses of slip cast mesoporous submicron alumina. Ceramics International, 2018, 44, 5193-5201.	4.8	9
8	Additive Manufacturing of Semiconductor Silicon on Silicon Using Direct Laser Melting. , 2018, , 104-116.		3
9	Low Temperature Epitaxial Barium Titanate Thin Film Growth in High Vacuum CVD. Advanced Materials Interfaces, 2017, 4, 1700116.	3.7	14
10	Molecular dimensions and surface diffusion assisted mechanically robust slippery perfluoropolyether impregnated mesoporous alumina interfaces. Nanotechnology, 2017, 28, 505605.	2.6	12
11	Combinatorial HV-CVD survey of barium triisopropyl cyclopentadienyl and titanium tetraisopropoxide for the deposition of BaTiO₃. Physica Status Solidi (A) Applications and Materials Science, 2015, 212, 1556-1562.	1.8	6
12	Combinatorial Characterization of TiO₂ Chemical Vapor Deposition Utilizing Titanium Isopropoxide. ACS Combinatorial Science, 2015, 17, 413-420.	3.8	27
13	Selective Growth of Titanium Dioxide by Low-Temperature Chemical Vapor Deposition. ACS Applied Materials & Interfaces, 2015, 7, 9736-9743.	8.0	10
14	Surface 3D Micro Free Forms: Multifunctional Microstructured Mesoporous Î±-Alumina by in Situ Slip Casting Using Excimer Laser Ablated Polycarbonate Molds. ACS Applied Materials & Interfaces, 2015, 7, 24458-24469.	8.0	12
15	Surface Kinetics of Titanium Isopropoxide in High Vacuum Chemical Vapor Deposition. Journal of Physical Chemistry C, 2015, 119, 27965-27971.	3.1	9
16	High vacuum chemical vapour deposition of oxides:. Surface and Coatings Technology, 2013, 230, 13-21.	4.8	32
17	Gas-assisted focused electron beam and ion beam processing and fabrication. Journal of Vacuum Science & Technology B, 2008, 26, 1197-1276.	1.3	883