

Patrik Hoffmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6187812/publications.pdf>

Version: 2024-02-01

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