

Christian Notthoff

List of Publications by Year in descending order

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papers

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1478505

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docs citations

16
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121
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotropic and Anisotropic Flux Pinning Induced by Heavy-Ion Irradiation. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	5
2	The Role of Stacking Faults in the Enhancement of the a - b Plane Peak in Silver Ion-Irradiated Commercial MOD REBCO Wires. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	5
3	SAXS data modelling for the characterisation of ion tracks in polymers. Physical Chemistry Chemical Physics, 2022, 24, 9345-9359.	2.8	8
4	Shape of nanopores in track-etched polycarbonate membranes. Journal of Membrane Science, 2021, 638, 119681.	8.2	34
5	Ion track etching of polycarbonate membranes monitored by <i>in situ</i> small angle X-ray scattering. Physical Chemistry Chemical Physics, 2021, 23, 14231-14241.	2.8	5
6	Grazing-incidence transmission SAXS investigation of conical etched ion tracks in SiO ₂ . Nuclear Instruments & Methods in Physics Research B, 2020, 465, 62-66.	1.4	0
7	Analysis of nanometer-sized aligned conical pores using small-angle x-ray scattering. Physical Review Materials, 2020, 4, .	2.4	6
8	Swift heavy ion irradiation of GaSb: From ion tracks to nanoporous networks. Physical Review Materials, 2020, 4, .	2.4	6
9	Ion shaping of single-layer Au nanoparticles in amorphous silicon dioxide, in silicon nitride, and at their interface. Physical Review Materials, 2020, 4, .	2.4	6
10	Ion Irradiation Shaping of Dense Two-dimensional Arrays of Au Nanoparticles Embedded in Silica Studied via TEM. Microscopy and Microanalysis, 2019, 25, 1610-1611.	0.4	0
11	Etched ion tracks in amorphous SiO ₂ characterized by small angle x-ray scattering: influence of ion energy and etching conditions. Nanotechnology, 2019, 30, 274001.	2.6	13
12	Conical etched ion tracks in SiO ₂ characterised by small angle X-ray scattering. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 133-136.	1.4	3
13	Structural properties of nano-porous GaSb prepared by swift heavy-ion irradiation. Nuclear Instruments & Methods in Physics Research B, 2018, 435, 126-132.	1.4	5
14	Influence of thickness on the structural properties of radio-frequency and direct-current magnetron sputtered TiO ₂ anatase thin films. Thin Solid Films, 2014, 558, 443-448.	1.8	11
15	Effect of preparation of iron-infiltrated activated carbon catalysts on nitrogen oxide conversion at low temperature. Applied Catalysis B: Environmental, 2014, 160-161, 641-650.	20.2	9
16	Synthesis of Active Carbon-Based Catalysts by Chemical Vapor Infiltration for Nitrogen Oxide Conversion. Journal of Nanoscience and Nanotechnology, 2011, 11, 7956-7961.	0.9	2