

# Christian Notthoff

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

118  
citations

1478505

6  
h-index

1281871

11  
g-index

16  
all docs

16  
docs citations

16  
times ranked

121  
citing authors

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