

Jan Hovind

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

242
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving the Spatial Resolution of Neutron Imaging at Paul Scherrer Institut – The Neutron Microscope Project. <i>Physics Procedia</i> , 2015, 69, 169-176.	1.2	80
2	Implementation and assessment of the black body bias correction in quantitative neutron imaging. <i>PLoS ONE</i> , 2019, 14, e0210300.	2.5	51
3	Progress in Industrial Applications using Modern Neutron Imaging Techniques. <i>Physics Procedia</i> , 2013, 43, 231-242.	1.2	28
4	Water and entrapped air redistribution in heterogeneous sand sample: Quantitative neutron imaging of the process. <i>Water Resources Research</i> , 2015, 51, 1359-1371.	4.2	24
5	Investigation of ammonium oxalate diffusion in carbonatic substrates by neutron tomography. <i>Journal of Cultural Heritage</i> , 2016, 19, 463-466.	3.3	17
6	Development of neutron imaging quantitative data treatment to assess conservation products in cultural heritage. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6133-6139.	3.7	17
7	Bragg-edge attenuation spectra at voxel level from 4D wavelength-resolved neutron tomography. <i>Journal of Applied Crystallography</i> , 2020, 53, 188-196.	4.5	15
8	Rotation axis demultiplexer enabling simultaneous computed tomography of multiple samples. <i>MethodsX</i> , 2016, 3, 320-325.	1.6	5
9	Impact of Infiltration Rate on Residual Air Distribution and Hydraulic Conductivity. <i>Vadose Zone Journal</i> , 2019, 18, 1-15.	2.2	5
10	Design Feasibility Study for a Demultiplexer Miniaturized for Microtomographic Imaging. <i>Physics Procedia</i> , 2017, 88, 190-195.	1.2	0