

# Jan Hovind

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10910320/publications.pdf>

Version: 2024-02-01

10  
papers

242  
citations

1307594

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1474206

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docs citations

10  
times ranked

371  
citing authors

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