

# Seho Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4410892/publications.pdf>

Version: 2024-02-01

13  
papers

85  
citations

1936888

4  
h-index

1473754

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

114  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase retrieval based on deep learning in grating interferometer. <i>Scientific Reports</i> , 2022, 12, 6739.	1.6	3
2	Study on dark-field imaging with a laboratory x-ray source: Random stress variation analysis based on x-ray grating interferometry. <i>Review of Scientific Instruments</i> , 2021, 92, 015103.	0.6	3
3	Decomposing Magnetic Dark-Field Contrast in Spin Analyzed Talbot-Lau Interferometry: A Stern-Gerlach Experiment without Spatial Beam Splitting. <i>Physical Review Letters</i> , 2021, 126, 070401.	2.9	3
4	Visualization of compensating currents in type-II/1 superconductor via high field cooling. <i>Applied Physics Letters</i> , 2020, 116, 192602.	1.5	4
5	Deep learning for high-resolution and high-sensitivity interferometric phase contrast imaging. <i>Scientific Reports</i> , 2020, 10, 9891.	1.6	10
6	Neutron grating interferometer with an analyzer grating based on a light blocker. <i>Optics Express</i> , 2020, 28, 23284.	1.7	1
7	Evaluation of grating realized via pulse current electroplating combined with atomic layer deposition as an x-ray grating interferometer. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, 030903.	0.9	6
8	Symmetric Talbot-Lau neutron grating interferometry and incoherent scattering correction for quantitative dark-field imaging. <i>Scientific Reports</i> , 2019, 9, 18973.	1.6	11
9	Visualization of Magnetic Domains in Electrical Steel Using High-Resolution Dark-Field Imaging. <i>Journal of Korean Institute of Metals and Materials</i> , 2019, 57, 352-359.	0.4	2
10	System Design and Evaluation of a Compact and High Energy X-ray Talbot-Lau Grating Interferometer for Industrial Applications. <i>Journal of the Korean Physical Society</i> , 2018, 73, 1827-1833.	0.3	5
11	High-resolution X-ray phase-contrast imaging with a grating interferometer. <i>Journal of the Korean Physical Society</i> , 2017, 71, 538-542.	0.3	4
12	Analysis on the Positional Accuracy of the Non-orthogonal Two-pair kV Imaging Systems for Real-time Tumor Tracking Using XCAT. <i>Progress in Medical Physics</i> , 2015, 26, 143.	0.4	0
13	Observation of Magnetic Domains in Insulation-Coated Electrical Steels by Neutron Dark-Field Imaging. <i>Applied Physics Express</i> , 2010, 3, 106602.	1.1	33