

Seho Lee

List of Publications by Year in descending order

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13
papers

85
citations

1937685
4
h-index

1474206
9
g-index

14
all docs

14
docs citations

14
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of Magnetic Domains in Insulation-Coated Electrical Steels by Neutron Dark-Field Imaging. Applied Physics Express, 2010, 3, 106602.	2.4	33
2	Symmetric Talbot-Lau neutron grating interferometry and incoherent scattering correction for quantitative dark-field imaging. Scientific Reports, 2019, 9, 18973.	3.3	11
3	Deep learning for high-resolution and high-sensitivity interferometric phase contrast imaging. Scientific Reports, 2020, 10, 9891.	3.3	10
4	Evaluation of grating realized via pulse current electroplating combined with atomic layer deposition as an x-ray grating interferometer. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, 030903.	2.1	6
5	System Design and Evaluation of a Compact and High Energy X-ray Talbot-Lau Grating Interferometer for Industrial Applications. Journal of the Korean Physical Society, 2018, 73, 1827-1833.	0.7	5
6	High-resolution X-ray phase-contrast imaging with a grating interferometer. Journal of the Korean Physical Society, 2017, 71, 538-542.	0.7	4
7	Visualization of compensating currents in type-II/1 superconductor via high field cooling. Applied Physics Letters, 2020, 116, 192602.	3.3	4
8	Study on dark-field imaging with a laboratory x-ray source: Random stress variation analysis based on x-ray grating interferometry. Review of Scientific Instruments, 2021, 92, 015103.	1.3	3
9	Decomposing Magnetic Dark-Field Contrast in Spin Analyzed Talbot-Lau Interferometry: A Stern-Gerlach Experiment without Spatial Beam Splitting. Physical Review Letters, 2021, 126, 070401.	7.8	3
10	Phase retrieval based on deep learning in grating interferometer. Scientific Reports, 2022, 12, 6739.	3.3	3
11	Visualization of Magnetic Domains in Electrical Steel Using High-Resolution Dark-Field Imaging. Journal of Korean Institute of Metals and Materials, 2019, 57, 352-359.	1.0	2
12	Neutron grating interferometer with an analyzer grating based on a light blocker. Optics Express, 2020, 28, 23284.	3.4	1
13	Analysis on the Positional Accuracy of the Non-orthogonal Two-pair kV Imaging Systems for Real-time Tumor Tracking Using XCAT. Progress in Medical Physics, 2015, 26, 143.	0.4	0