

Ian Buchanan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3021912/publications.pdf>

Version: 2024-02-01

7
papers

32
citations

1937685
4
h-index

1872680
6
g-index

7
all docs

7
docs citations

7
times ranked

26
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of a variable focal spot size on the contrast channels retrieved in edge-illumination X-ray phase contrast imaging. Scientific Reports, 2022, 12, 3354.	3.3	5
2	Reliable material characterization at low x-ray energy through the phase-attenuation duality. Applied Physics Letters, 2022, 120, 124102.	3.3	1
3	Replacing the detector mask with a structured scintillator in edge-illumination x-ray phase contrast imaging. Journal of Applied Physics, 2022, 131, 204501.	2.5	1
4	A laboratory-based, low-energy, multi-modal x-ray microscope with user-defined resolution. Applied Physics Letters, 2022, 120, .	3.3	5
5	Simplified retrieval method for Edge Illumination X-ray phase contrast imaging allowing multi-modal imaging with fewer input frames. Optics Express, 2020, 28, 11597.	3.4	5
6	Fast, non-iterative algorithm for quantitative integration of X-ray differential phase-contrast images. Optics Express, 2020, 28, 39677.	3.4	11
7	Effective modeling of high-energy laboratory-based x-ray phase contrast imaging utilizing absorption masks or gratings. Journal of Applied Physics, 2020, 128, 214503.	2.5	4