

Mingren Shen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12193234/publications.pdf>

Version: 2024-02-01

8
papers

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citations

1478505

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1720034

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all docs

8
docs citations

8
times ranked

58
citing authors

#	ARTICLE	IF	CITATIONS
1	A deep learning based automatic defect analysis framework for In-situ TEM ion irradiations. Computational Materials Science, 2021, 197, 110560.	3.0	29
2	Multi defect detection and analysis of electron microscopy images with deep learning. Computational Materials Science, 2021, 199, 110576.	3.0	24
3	Chemically driven fluid transport in long microchannels. Journal of Chemical Physics, 2016, 145, 124119.	3.0	13
4	Assessing Graphâ€­based Deep Learning Models for Predicting Flash Point. Molecular Informatics, 2020, 39, e1900101.	2.5	10
5	Performance and limitations of deep learning semantic segmentation of multiple defects in transmission electron micrographs. Cell Reports Physical Science, 2022, 3, 100876.	5.6	10
6	Evaluation of radiomics and machine learning in identification of aggressive tumor features in renal cell carcinoma (RCC). Abdominal Radiology, 2021, 46, 4278-4288.	2.1	8
7	Machine learning principles applied to CT radiomics to predict mucinous pancreatic cysts. Abdominal Radiology, 2021, , 1.	2.1	7
8	Diffusive-Flux-Driven Microturbines by Fore-and-Aft Asymmetric Phoresis. Physical Review Applied, 2019, 12, .	3.8	1