

# Mingren Shen

## List of Publications by Year in descending order

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

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8  
papers

102  
citations

1478505

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1720034

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docs citations

8  
times ranked

58  
citing authors

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