

Elizabeth Kautz

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

380
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

425
citing authors

#	ARTICLE	IF	CITATIONS
1	Image-driven discriminative and generative methods for establishing microstructure-processing relationships relevant to nuclear fuel processing pipelines. <i>Microscopy and Microanalysis</i> , 2021, 27, 2128-2130.	0.4	1
2	Rapid and flexible segmentation of electron microscopy data using few-shot machine learning. <i>Npj Computational Materials</i> , 2021, 7, .	8.7	37
3	An image-driven machine learning approach to kinetic modeling of a discontinuous precipitation reaction. <i>Materials Characterization</i> , 2020, 166, 110379.	4.4	20
4	Nanoscale Spatially Resolved Mapping of Uranium Enrichment. <i>Scientific Reports</i> , 2019, 9, 12302.	3.3	16
5	Grain boundary engineering to control the discontinuous precipitation in multicomponent U10Mo alloy. <i>Acta Materialia</i> , 2018, 151, 181-190.	7.9	43
6	Phase transformation of metastable discontinuous precipitation products to equilibrium phases in U10Mo alloys. <i>Scripta Materialia</i> , 2018, 156, 70-74.	5.2	24
7	Image driven machine learning methods for microstructure recognition. <i>Computational Materials Science</i> , 2016, 123, 176-187.	3.0	239