

Erik M Lauridsen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

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citations

1040056

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10
docs citations

10
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	3-D growth of a short fatigue crack within a polycrystalline microstructure studied using combined diffraction and phase-contrast X-ray tomography. <i>Acta Materialia</i> , 2011, 59, 590-601.	7.9	166
2	In situ observations of microscale damage evolution in unidirectional natural fibre composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2012, 43, 1639-1649.	7.6	46
3	3D in situ observations of glass fibre/matrix interfacial debonding. <i>Composites Part A: Applied Science and Manufacturing</i> , 2013, 55, 63-73.	7.6	43
4	Universality and self-similarity in pinch-off of rods by bulk diffusion. <i>Nature Physics</i> , 2010, 6, 796-800.	16.7	38
5	Characterization of metals in four dimensions. <i>Materials Research Letters</i> , 2020, 8, 462-476.	8.7	32
6	<i>In situ</i> time-of-flight neutron imaging of NiO-YSZ anode support reduction under influence of stress. <i>Journal of Applied Crystallography</i> , 2016, 49, 1674-1681.	4.5	21
7	Effect of stress on NiO reduction in solid oxide fuel cells: a new application of energy-resolved neutron imaging. <i>Journal of Applied Crystallography</i> , 2015, 48, 401-408.	4.5	18
8	Tracking polycrystal evolution non-destructively in 3D by laboratory X-ray diffraction contrast tomography. <i>Materials Characterization</i> , 2021, 172, 110814.	4.4	16
9	Flexible sample environment for high resolution neutron imaging at high temperatures in controlled atmosphere. <i>Review of Scientific Instruments</i> , 2015, 86, 125109.	1.3	13
10	Mapping misoriented fibers using X-ray dark field tomography. <i>Applied Physics A: Materials Science and Processing</i> , 2014, 115, 741-745.	2.3	11