

Edward L Pang

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Nanotwinning-assisted dynamic recrystallization at high strains and strain rates. <i>Nature Materials</i> , 2022, 21, 786-794.	27.5	46
2	Role of grain constraint on the martensitic transformation in ceria-doped zirconia. <i>Journal of the American Ceramic Society</i> , 2021, 104, 1156-1168.	3.8	7
3	Crystal orientation and detector distance effects on resolving pseudosymmetry by electron backscatter diffraction. <i>Journal of Applied Crystallography</i> , 2021, 54, 513-522.	4.5	3
4	The mechanism of thermal transformation hysteresis in ZrO ₂ -CeO ₂ shape-memory ceramics. <i>Acta Materialia</i> , 2021, 213, 116972.	7.9	10
5	Real World Application of EBSD Forward Models. <i>Microscopy and Microanalysis</i> , 2021, 27, 40-43.	0.4	0
6	Global optimization for accurate determination of EBSD pattern centers. <i>Ultramicroscopy</i> , 2020, 209, 112876.	1.9	20
7	FeNiCoAlTaB superelastic and shape-memory wires with oligocrystalline grain structure. <i>Scripta Materialia</i> , 2020, 188, 1-5.	5.2	13
8	Resolving pseudosymmetry in tetragonal ZrO ₂ using electron backscatter diffraction with a modified dictionary indexing approach. <i>Journal of Applied Crystallography</i> , 2020, 53, 1060-1072.	4.5	9
9	Minimum-strain symmetrization of Bravais lattices. <i>Physical Review Research</i> , 2020, 2, .	3.6	3
10	Reduced cracking in polycrystalline ZrO ₂ -CeO ₂ shape-memory ceramics by meeting the cofactor conditions. <i>Acta Materialia</i> , 2019, 177, 230-239.	7.9	26
11	The effect of zirconium on the omega phase in Ti-24Nb-[0-8]Zr (at.%) alloys. <i>Acta Materialia</i> , 2018, 153, 62-70.	7.9	73
12	Modeling interface-controlled phase transformation kinetics in thin films. <i>Journal of Applied Physics</i> , 2015, 117, 175304.	2.5	20