

Edward L Pang

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

230
citations

1163117

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1281871

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docs citations

12
times ranked

232
citing authors

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