

Daniel C Bufford

List of Publications by Year in descending order

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papers

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1163117
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all docs

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docs citations

9
times ranked

383
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and microstructure of electrodeposited and sputtered nanotwinned face-centered-cubic metals. MRS Bulletin, 2016, 41, 286-291.	3.5	60
2	Thermal stability of twins and strengthening mechanisms in differently oriented epitaxial nanotwinned Ag films. Journal of Materials Research, 2013, 28, 1729-1739.	2.6	51
3	Indentation of nanotwinned fcc metals: Implications for nanotwin stability. Acta Materialia, 2012, 60, 4623-4635.	7.9	48
4	High Cycle Fatigue in the Transmission Electron Microscope. Nano Letters, 2016, 16, 4946-4953.	9.1	46
5	Room Temperature Deformation Mechanisms of Alumina Particles Observed from In Situ Micro-compression and Atomistic Simulations. Journal of Thermal Spray Technology, 2016, 25, 82-93.	3.1	39
6	Exploring Coupled Extreme Environments via <i>In-situ</i> Transmission Electron Microscopy. Microscopy Today, 2021, 29, 28-34.	0.3	14
7	In Situ TEM Multi-Beam Ion Irradiation as a Technique for Elucidating Synergistic Radiation Effects. Materials, 2017, 10, 1148.	2.9	11
8	Application of In Situ TEM to Investigate Irradiation Creep in Nanocrystalline Zirconium. Jom, 2019, 71, 3350-3357.	1.9	10
9	The mechanical response of micron-sized molecular crystals. MRS Advances, 2021, 6, 674-681.	0.9	4