

Daniel C Bufford

List of Publications by Year in descending order

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