

Alexis Burr

List of Publications by Year in descending order

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8
papers

251
citations

1163117
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1588992
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g-index

8
all docs

8
docs citations

8
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical framework to predict the fatigue life of lattice structures built by additive manufacturing. <i>International Journal of Fatigue</i> , 2020, 139, 105769.	5.7	24
2	Fatigue performances of chemically etched thin struts built by selective electron beam melting: Experiments and predictions. <i>Materialia</i> , 2020, 9, 100589.	2.7	41
3	Effect of ultrasonic shot peening on the surface defects of thin struts built by electron beam melting: Consequences on fatigue resistance. <i>Additive Manufacturing</i> , 2019, 28, 821-830.	3.0	20
4	In situ X-ray tomography densification of firn: The role of mechanics and diffusion processes. <i>Acta Materialia</i> , 2019, 167, 210-220.	7.9	12
5	Thermal Conductivity of Snow, Firn, and Porous Ice From 3D Image-Based Computations. <i>Geophysical Research Letters</i> , 2019, 46, 13079-13089.	4.0	36
6	Effect of build orientation on the fatigue properties of as-built Electron Beam Melted Ti-6Al-4V alloy. <i>International Journal of Fatigue</i> , 2019, 118, 65-76.	5.7	94
7	Pore morphology of polar firn around closure revealed by X-ray tomography. <i>Cryosphere</i> , 2018, 12, 2481-2500.	3.9	16
8	The anisotropic contact response of viscoplastic monocrystalline ice particles. <i>Acta Materialia</i> , 2017, 132, 576-585.	7.9	8