

Jean-Yves Buffière

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

373
citations

1307594
7
h-index

1588992
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g-index

8
all docs

8
docs citations

8
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Damage tolerant design of additively manufactured metallic components subjected to cyclic loading: State of the art and challenges. <i>Progress in Materials Science</i> , 2021, 121, 100786.	32.8	106
2	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
3	Enhancing the tensile properties of EBM as-built thin parts: Effect of HIP and chemical etching. <i>Materials Characterization</i> , 2018, 143, 82-93.	4.4	55
4	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
5	Fatigue properties of EBM as-built and chemically etched thin parts. <i>Procedia Structural Integrity</i> , 2017, 7, 158-165.	0.8	29
6	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
7	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
8	Laser Powder Bed Fusion printability of cobalt-free steel powders for manufacturing injection molds. <i>Additive Manufacturing</i> , 2021, 44, 102031.	3.0	4