

Riccardo Caivano

List of Publications by Year in descending order

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7
papers

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citations

1937685

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2053705

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g-index

7
all docs

7
docs citations

7
times ranked

22
citing authors

#	ARTICLE	IF	CITATIONS
1	Very high cycle fatigue (VHCF) response of additively manufactured materials: A review. Fatigue and Fracture of Engineering Materials and Structures, 2021, 44, 2919-2943.	3.4	20
2	Innovative formulation for topological fatigue optimisation based on material defects distribution and TopFat algorithm. International Journal of Fatigue, 2021, 147, 106176.	5.7	12
3	Topology and fibre orientation simultaneous optimisation: A design methodology for fibre-reinforced composite components. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2020, 234, 1267-1279.	1.1	8
4	A new methodology for thermostructural topology optimization: Analytical definition and validation. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2021, 235, 481-500.	1.1	6
5	Defect-Driven Topology Optimisation: TopFat algorithm validation via 3D components re-design for real industrial applications. Procedia Structural Integrity, 2022, 39, 81-88.	0.8	3
6	TopFat methodology implemented in a commercial software: benchmarking validation. Procedia Structural Integrity, 2021, 34, 221-228.	0.8	0
7	Defect-Driven Topology Optimisation: TopFat algorithm extended to commercial software for wide-ranging applications. Procedia Structural Integrity, 2021, 33, 1095-1102.	0.8	0