

Riccardo Caivano

List of Publications by Year in descending order

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7
papers

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1937685
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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Defect-Driven Topology Optimisation: TopFat algorithm validation via 3D components re-design for real industrial applications. <i>Procedia Structural Integrity</i> , 2022, 39, 81-88. | 0.8 | 3 |
| 2 | A new methodology for thermostructural topology optimization: Analytical definition and validation. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2021, 235, 481-500. | 1.1 | 6 |
| 3 | Innovative formulation for topological fatigue optimisation based on material defects distribution and TopFat algorithm. <i>International Journal of Fatigue</i> , 2021, 147, 106176. | 5.7 | 12 |
| 4 | Very high cycle fatigue (VHCF) response of additively manufactured materials: A review. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2021, 44, 2919-2943. | 3.4 | 20 |
| 5 | TopFat methodology implemented in a commercial software: benchmarking validation. <i>Procedia Structural Integrity</i> , 2021, 34, 221-228. | 0.8 | 0 |
| 6 | Defect-Driven Topology Optimisation: TopFat algorithm extended to commercial software for wide-ranging applications. <i>Procedia Structural Integrity</i> , 2021, 33, 1095-1102. | 0.8 | 0 |
| 7 | Topology and fibre orientation simultaneous optimisation: A design methodology for fibre-reinforced composite components. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 2020, 234, 1267-1279. | 1.1 | 8 |