

Rafael Guerra-Silva

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Geometric and Manufacturing Parameters on the Compressive Behavior of 3D Printed Polymer Lattice Structures. <i>Materials</i> , 2021, 14, 1462.	2.9	18
2	Manufacturing and Characterization of 3D Miniature Polymer Lattice Structures Using Fused Filament Fabrication. <i>Polymers</i> , 2021, 13, 635.	4.5	17
3	A Comparison of Miniature Lattice Structures Produced by Material Extrusion and Vat Photopolymerization Additive Manufacturing. <i>Polymers</i> , 2021, 13, 2163.	4.5	9
4	2D Finite Element Modeling of the Cutting Force in Peripheral Milling of Cellular Metals. <i>Materials</i> , 2020, 13, 555.	2.9	8
5	Numerical Characterization of the Solid Particle Accumulation in a Turbulent Flow through Curved Pipes by Means of Stokes Numbers. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7381.	2.5	4
6	Assessment of analytical relationships for mechanical properties of truncated octahedron and diamond lattice structures. <i>Materials Today Communications</i> , 2021, 29, 102756.	1.9	3
7	Finite element analysis of orthogonal cutting of cellular metals: influence of cutting conditions on chip formation and surface damage. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 113, 1267-1280.	3.0	2
8	Influence of Material and Constitutive Models on Friction Analysis for Modelling in Machining Cellular Metal Structures. <i>Applied Mechanics and Materials</i> , 2015, 727-728, 292-298.	0.2	1