

# Rafael Guerra-Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4041983/publications.pdf>

Version: 2024-02-01

8  
papers

62  
citations

1937685

4  
h-index

1588992

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g-index

8  
all docs

8  
docs citations

8  
times ranked

28  
citing authors

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