

# John Robinson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/889198/publications.pdf>

Version: 2024-02-01

19  
papers

460  
citations

840776

11  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

239  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advancements and prospects of thermal management and waste heat recovery of PEMFC. International Journal of Thermofluids, 2021, 9, 100064.	7.8	118
2	Deformation and energy absorption of additively manufactured functionally graded thickness thin-walled circular tubes under lateral crushing. Engineering Structures, 2021, 226, 111324.	5.3	72
3	3D printed auxetic nasopharyngeal swabs for COVID-19 sample collection. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 114, 104175.	3.1	51
4	Mechanical performance of additively manufactured pure silver antibacterial bone scaffolds. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104090.	3.1	41
5	Effect of silver addition in copper-silver alloys fabricated by laser powder bed fusion in situ alloying. Journal of Alloys and Compounds, 2021, 857, 157561.	5.5	27
6	Additive manufacturing of anti-SARS-CoV-2 Copper-Tungsten-Silver alloy. Rapid Prototyping Journal, 2021, 27, 1831-1849.	3.2	26
7	Stable formation of powder bed laser fused 99.9% silver. Materials Today Communications, 2020, 24, 101195.	1.9	23
8	Correlation between selective laser melting parameters, pore defects and tensile properties of 99.9 % silver. Materials Today Communications, 2020, 25, 101550.	1.9	17
9	PEMFC Poly-Generation Systems: Developments, Merits, and Challenges. Sustainability, 2021, 13, 11696.	3.2	16
10	3D Printed Cobalt-Chromium-Molybdenum Porous Superalloy with Superior Antiviral Activity. International Journal of Molecular Sciences, 2021, 22, 12721.	4.1	15
11	Crushing and energy absorption properties of additively manufactured concave thin-walled tubes. Results in Engineering, 2022, 14, 100424.	5.1	13
12	Nanomaterials Theory and Applications. , 2022, , 302-314.		9
13	Future Directions and Requirements for Tissue Engineering Biomaterials. , 2022, , 195-218.		8
14	Smart Tribological Coating. , 2022, , 414-425.		5
15	Characteristics of Acoustic Metamaterials. , 2022, , 35-45.		5
16	Perforated Steel Stud to Improve the Acoustic Insulation of Drywall Partitions. Acoustics, 2021, 3, 679-695.	1.4	5
17	Mechanical and thermal performance of additively manufactured copper, silver and copper-silver alloys. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 0, , 146442072110409.	1.1	4
18	Tissue Engineering Concept. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
19	Antibacterial Biomaterials in Orthopedics. , 2021, , 46-46.		1