

# Pietro Rebesan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9661502/publications.pdf>

Version: 2024-02-01

12  
papers

171  
citations

1478505

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h-index

1199594

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12  
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12  
docs citations

12  
times ranked

152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct ink writing of porous titanium (Ti6Al4V) lattice structures. Materials Science and Engineering C, 2019, 103, 109794.	7.3	50
2	Biosilicate scaffolds produced by 3D printing and direct foaming using preceramic polymers. Journal of the American Ceramic Society, 2019, 102, 1010-1020.	3.8	32
3	Effect of Particle Size Distribution on Laser Powder Bed Fusion Manufacturability of Copper. BHM-Zeitschrift Fuer Rohstoffe Geotechnik Metallurgie Werkstoffe Maschinen-Und Anlagentechnik, 2021, 166, 256-262.	1.0	18
4	Additive manufacturing for thermal management applications: from experimental results to numerical modeling. International Journal of Thermofluids, 2021, 10, 100091.	7.8	17
5	Experimental and computational evaluation of tensile properties of additively manufactured hexa- and tetrachiral auxetic cellular structures. Additive Manufacturing, 2021, 45, 102022.	3.0	15
6	Tungsten Fabricated by Laser Powder Bed Fusion. BHM-Zeitschrift Fuer Rohstoffe Geotechnik Metallurgie Werkstoffe Maschinen-Und Anlagentechnik, 2021, 166, 263-269.	1.0	9
7	Improved Conceptual Design of the Beamline for the DTT Neutral Beam Injector. IEEE Transactions on Plasma Science, 2022, 50, 4027-4032.	1.3	6
8	Experimental and numerical analyses of fluid flow inside additively manufactured and smoothed cooling channels. International Communications in Heat and Mass Transfer, 2022, 135, 106128.	5.6	6
9	Pure molybdenum manufactured by Laser Powder Bed Fusion: Thermal and mechanical characterization at room and high temperature. Additive Manufacturing, 2021, 47, 102277.	3.0	5
10	Additive manufacturing and direct synthesis of sphere ceramic scaffolds from a silicone resin and reactive fillers. Journal of the European Ceramic Society, 2022, 42, 286-295.	5.7	5
11	Conceptual Design of the Beamline for the DTT Neutral Beam Injector following a Double Beam Source Design Approach. Plasma and Fusion Research, 2021, 16, 2405080-2405080.	0.7	4
12	Interface analysis of additively manufactured pure molybdenum and AISI 304 stainless steel building-plate. Materials Letters, 2021, 305, 130763.	2.6	4