Lukas LÃ¶ber

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6173050/publications.pdf

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11 papers	1,793 citations	933447 10 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	1770 citing authors

#	Article	IF	Citations
1	Microstructure and mechanical properties of Alâ€“12Si produced by selective laser melting: Effect of heat treatment. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2014, 590, 153-160.	5.6	649
2	Processing metallic glasses by selective laser melting. Materials Today, 2013, 16, 37-41.	14.2	345
3	Mechanical behavior of porous commercially pure Ti and Tiâ€“TiB composite materials manufactured by selective laser melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 625, 350-356.	5.6	235
4	Selective laser melting of a beta-solidifying TNM-B1 titanium aluminide alloy. Journal of Materials Processing Technology, 2014, 214, 1852-1860.	6.3	131
5	Comparison of different post processing technologies for SLM generated 316l steel parts. Rapid Prototyping Journal, 2013, 19, 173-179.	3.2	108
6	Processing of Alâ€“12Siâ€“TNM composites by selective laser melting and evaluation of compressive and wear properties. Journal of Materials Research, 2016, 31, 55-65.	2.6	103
7	Selective Laser Melting of Ti-45Nb Alloy. Metals, 2015, 5, 686-694.	2.3	75
8	Characterization of 316L Steel Cellular Dodecahedron Structures Produced by Selective Laser Melting. Technologies, 2016, 4, 34.	5.1	56
9	Tensile properties of Alâ€“12Si matrix composites reinforced with Tiâ€“Al-based particles. Journal of Alloys and Compounds, 2015, 630, 256-259.	5.5	45
10	Computational Investigation of Melt Pool Process Dynamics and Pore Formation in Laser Powder Bed Fusion. Journal of Materials Engineering and Performance, 2019, 28, 6565-6578.	2.5	34
11	Rapid Manufacturing of Cellular Structures of Steel or Titaniumalumide. Materials Science Forum, 0, 690, 103-106.	0.3	12