Lukas Läuber

List of Publications by Year
in descending order

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	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
2	Characterization of 316L Steel Cellular Dodecahedron Structures Produced by Selective Laser Melting. Technologies, 2016, 4, 34.	5.1	56
3	Processing of Al–12Si–TNM composites by selective laser melting and evaluation of compressive and wear properties. Journal of Materials Research, 2016, 31, 55-65.	2.6	103
4	Mechanical behavior of porous commercially pure Ti and Ti–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
5	Tensile properties of Al–12Si matrix composites reinforced with Ti–Al-based particles. Journal of Alloys and Compounds, 2015, 630, 256-259.	5.5	45
6	Selective Laser Melting of Ti-45Nb Alloy. Metals, 2015, 5, 686-694.	2.3	75
7	Selective laser melting of a beta-solidifying TNM-B1 titanium aluminide alloy. Journal of Materials Processing Technology, 2014, 214, 1852-1860.	6.3	131
8	Microstructure and mechanical properties of Al–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
9	Comparison of different post processing technologies for SLM generated 316l steel parts. Rapid Prototyping Journal, 2013, 19, 173-179.	3.2	108
10	Processing metallic glasses by selective laser melting. Materials Today, 2013, 16, 37-41.	14.2	345
11	Rapid Manufacturing of Cellular Structures of Steel or Titaniumalumide. Materials Science Forum, 0, 690, 103-106.	0.3	12