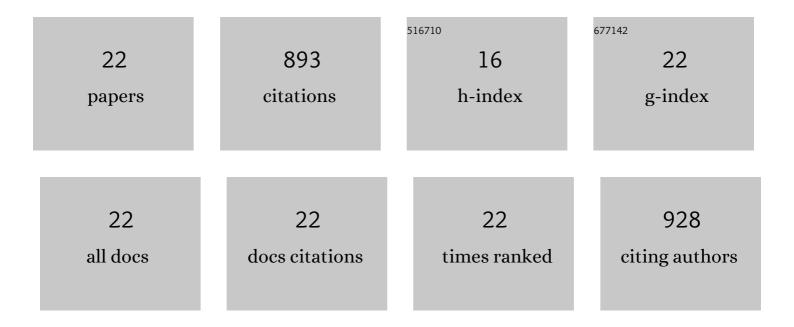
Shenglu Lu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/148849/publications.pdf Version: 2024-02-01



SHENCHILLI

#	Article	IF	CITATIONS
1	Sliding wear behavior and electrochemical properties of binder jet additively manufactured 316SS /bronze composites in marine environment. Tribology International, 2021, 156, 106810.	5.9	18
2	Detailed assessments of tribological properties of binder jetting printed stainless steel and tungsten carbide infiltrated with bronze. Wear, 2021, 477, 203788.	3.1	12
3	Microstructure, tensile properties and deformation behaviour of a promising bio-applicable new Ti35Zr15Nb25Ta25 medium entropy alloy (MEA). Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 824, 141805.	5.6	16
4	Improving the accuracy and reliability of temperature field simulation during laser metal deposition. Australian Journal of Mechanical Engineering, 2021, 19, 630-641.	2,1	1
5	Fabrication of TiÂ+ÂMg composites by three-dimensional printing of porous Ti and subsequent pressureless infiltration of biodegradable Mg. Materials Science and Engineering C, 2020, 108, 110478.	7.3	44
6	Binder Jetting Additive Manufacturing of High Porosity 316L Stainless Steel Metal Foams. Materials, 2020, 13, 3744.	2.9	34
7	Fatigue Performance of Additively Manufactured Ti-6Al-4V: Surface Condition vs. Internal Defects. Jom, 2020, 72, 1022-1030.	1.9	22
8	High oxygen-content titanium and titanium alloys made from powder. Journal of Alloys and Compounds, 2020, 836, 155526.	5.5	33
9	Additively manufactured CoCrFeNiMn high-entropy alloy via pre-alloyed powder. Materials and Design, 2019, 168, 107576.	7.0	124
10	3D characterization of defects in deep-powder-bed manufactured Ti–6Al–4V and their influence on tensile properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 761, 138031.	5.6	40
11	Intensified texture in selective electron beam melted Ti-6Al-4V thin plates by hot isostatic pressing and its fundamental influence on tensile fracture and properties. Materials Characterization, 2019, 152, 162-168.	4.4	19
12	Effect of overlap distance on the microstructure and mechanical properties of in situ welded parts built by electron beam melting process. Journal of Alloys and Compounds, 2019, 772, 247-255.	5.5	20
13	Laser welding of electron beam melted Ti-6Al-4V to wrought Ti-6Al-4V: Effect of welding angle on microstructure and mechanical properties. Journal of Alloys and Compounds, 2019, 782, 967-972.	5.5	21
14	Hybrid Binder to Mitigate Feed Powder Segregation in the Inkjet 3D Printing of Titanium Metal Parts. Metals, 2018, 8, 322.	2.3	12
15	Realizing a full volume component by in-situ welding during electron beam melting process. Additive Manufacturing, 2018, 22, 375-380.	3.0	18
16	Characterization and decompositional crystallography of the massive phase grains in an additively-manufactured Ti-6Al-4V alloy. Materials Characterization, 2017, 127, 146-152.	4.4	26
17	Study of Direct Fabrication of a Ti-6Al-4V Impeller on a Wrought Ti-6Al-4V Plate by Electron Beam Melting. Jom, 2017, 69, 2738-2744.	1.9	29
18	Layer Additive Production or Manufacturing of Thick Sections of Ti-6Al-4V by Selective Electron Beam Melting (SEBM). Jom, 2017, 69, 1836-1843.	1.9	16

Shenglu Lu

#	Article	IF	CITATIONS
19	Massive transformation in Ti–6Al–4V additively manufactured by selective electron beam melting. Acta Materialia, 2016, 104, 303-311.	7.9	155
20	Microstructure and Mechanical Properties of Long Ti-6Al-4V Rods Additively Manufactured by Selective Electron Beam Melting Out of a Deep Powder Bed and the Effect of Subsequent Hot Isostatic Pressing. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 3824-3834.	2.2	99
21	A yttrium-containing high-temperature titanium alloy additively manufactured by selective electron beam melting. Journal of Central South University, 2015, 22, 2857-2863.	3.0	11
22	Additive manufacturing of a high niobium-containing titanium aluminide alloy by selective electron beam melting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 636, 103-107.	5.6	123