

Tomasz Durejko

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

904
citations

687220

13
h-index

526166

27
g-index

28
all docs

28
docs citations

28
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	The microstructure, mechanical properties and corrosion resistance of 316L stainless steel fabricated using laser engineered net shaping. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 677, 1-10.	2.6	356
2	Thin wall tubes with Fe3Al/SS316L graded structure obtained by using laser engineered net shaping technology. <i>Materials & Design</i> , 2014, 63, 766-774.	5.1	89
3	Porous graded FeAl intermetallic foams fabricated by sintering process using NaCl space holders. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2015, 636, 407-414.	2.6	48
4	Static and Dynamic Loading Behavior of Ti6Al4V Honeycomb Structures Manufactured by Laser Engineered Net Shaping (LENSTM) Technology. <i>Materials</i> , 2019, 12, 1225.	1.3	46
5	Deformation of honeycomb cellular structures manufactured with Laser Engineered Net Shaping (LENS) technology under quasi-static loading: Experimental testing and simulation. <i>Additive Manufacturing</i> , 2019, 25, 307-316.	1.7	46
6	Structure and properties of the Fe3Al-type intermetallic alloy fabricated by laser engineered net shaping (LENS). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 650, 374-381.	2.6	40
7	Properties of Polyethylene Terephthalate (PET) after Thermo-Oxidative Aging. <i>Materials</i> , 2021, 14, 3833.	1.3	39
8	Processing and characterization of graded metal/intermetallic materials: The example of Fe/FeAl intermetallics. <i>Materials & Design</i> , 2011, 32, 2827-2834.	5.1	33
9	Superelastic Effect in NiTi Alloys Manufactured Using Electron Beam and Focused Laser Rapid Manufacturing Methods. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 4463-4473.	1.2	28
10	Microstructural characterization of laser-cladded NiCrAlY coatings on Inconel 625 Ni-based superalloy and 316L stainless steel. <i>Surface and Coatings Technology</i> , 2020, 387, 125317.	2.2	27
11	Microstructure and mechanical properties of a Fe-28%Al-5%Cr-1%Nb-2%B alloy fabricated by Laser Engineered Net Shaping. <i>Materials Letters</i> , 2017, 196, 87-90.	1.3	20
12	The Triballoy T-800 Coatings Deposited by Laser Engineered Net Shaping (LENSTM). <i>Materials</i> , 2019, 12, 1366.	1.3	19
13	Self-Organized Anodic Oxides on Titanium Alloys Prepared from Glycol- and Glycerol-Based Electrolytes. <i>Materials</i> , 2020, 13, 4743.	1.3	19
14	Microstructure and Properties of Inconel 625 Fabricated Using Two Types of Laser Metal Deposition Methods. <i>Materials</i> , 2020, 13, 5050.	1.3	14
15	Characterization of nanoporous anodic aluminum oxide formed on laser pre-treated aluminum. <i>Materials Characterization</i> , 2016, 122, 130-136.	1.9	11
16	Structural and Optical Characterization of ZnS Ultrathin Films Prepared by Low-Temperature ALD from Diethylzinc and 1,5-Pentanedithiol after Various Annealing Treatments. <i>Materials</i> , 2019, 12, 3212.	1.3	10
17	Superelastic Behavior of Ti-Nb Alloys Obtained by the Laser Engineered Net Shaping (LENS) Technique. <i>Materials</i> , 2020, 13, 2827.	1.3	9
18	The Application of Globular Water-Atomized Iron Powders for Additive Manufacturing by a LENS Technique. <i>Materials</i> , 2018, 11, 843.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Microstructure Evolution of 316L Steel Prepared with the Use of Additive and Conventional Methods and Subjected to Dynamic Loads: A Comparative Study. <i>Materials</i> , 2020, 13, 4893.	1.3	7
20	The Microstructure Evolution of a Fe3Al Alloy during the LENS Process. <i>Materials</i> , 2018, 11, 390.	1.3	6
21	Characterization of Cobalt-Based Stellite 6 Alloy Coating Fabricated by Laser-Engineered Net Shaping (LENS). <i>Materials</i> , 2021, 14, 7442.	1.3	6
22	The Effect of Nanometric \pm -Al ₂ O ₃ Addition on Structure and Mechanical Properties of FeAl Alloys Fabricated by Lens Technique. <i>Archives of Metallurgy and Materials</i> , 2017, 62, 1703-1712.	0.6	5
23	The Effect of the Traverse Feed Rate on the Microstructure and Mechanical Properties of Laser Deposited Fe3Al (Zr,B) Intermetallic Alloy. <i>Materials</i> , 2018, 11, 792.	1.3	5
24	The Structure of FeAl Sinters Fabricated Using Cyclic Loading. <i>Materials</i> , 2015, 8, 575-585.	1.3	4
25	Thermo-oxidative aging of the polyoxymethylene (POM), acrylonitrile-butadiene-styrene (ABS) and polycarbonate (PC) polymers – a comparative study. <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	4
26	Suitability of Laser Engineered Net Shaping Technology for Inconel 625 Based Parts Repair Process. <i>Materials</i> , 2021, 14, 7302.	1.3	3
27	Wire Electrical Discharge Machining Of FeAl Intermetallic Sinters Without And With Addition Of Nano-Al ₂ O ₃ Oxide Ceramic. <i>Archives of Metallurgy and Materials</i> , 2015, 60, 2447-2456.	0.6	2
28	Influence of Manufacturing Technology on the Structure of 80W-20Re Heavy Sinters. <i>Materials</i> , 2019, 12, 3965.	1.3	0