

Leonardo Fanton

List of Publications by Year in descending order

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13
papers

118
citations

1478505

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1281871

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13
times ranked

137
citing authors

#	ARTICLE	IF	CITATIONS
1	Melting behavior and globular microstructure formation in semi-solid CoCrCu FeNi high-entropy alloys. <i>Journal of Materials Science and Technology</i> , 2020, 52, 207-217.	10.7	26
2	Comparison of Mechanical and Microstructural Characteristics in Maraging 300 Steel Welded by three Different Processes: LASER, PLASMA and TIG. <i>Procedia Engineering</i> , 2015, 114, 291-297.	1.2	22
3	Anodization growth of TiO ₂ nanotubes on Ti-35Nb-7Zr-5Ta alloy: effects of anodization time, strain hardening, and crystallographic texture. <i>Journal of Materials Science</i> , 2019, 54, 13724-13739.	3.7	12
4	Erosion-Corrosion Resistance of Laser Surface Alloying of NbC Thermal Spray Coatings on AISI 304L Steel. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 319-329.	3.1	12
5	Effects of laser surface melting on crystallographic texture, microstructure, elastic modulus and hardness of Ti-30Nb-4Sn alloy. <i>Transactions of Nonferrous Metals Society of China</i> , 2020, 30, 392-404.	4.2	9
6	A new approach of abrasive wear performance of flame sprayed NiCrSiBFeC/SiC composite coating. <i>Wear</i> , 2021, 477, 203887.	3.1	9
7	High strength biomedical Ti-13Mo-6Sn alloy: Processing routes, microstructural evolution and mechanical behavior. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 764, 138190.	5.6	7
8	Texture Development in Cold Deformed and Recrystallized Ti-30Nb-4Sn Alloy and Its Effects on Hardness and Young's Modulus. <i>Advanced Engineering Materials</i> , 2017, 19, 1600058.	3.5	6
9	Phase transformation of Nb ₂ O ₅ during the formation of flame sprayed coatings and its influence on the adhesion strength, abrasive wear and slurry erosive wear. <i>Wear</i> , 2019, 426-427, 277-284.	3.1	5
10	Exploring the Ti-5553 phase transformations utilizing in-situ high-temperature laser-scanning confocal microscopy. <i>Materials Characterization</i> , 2020, 159, 110013.	4.4	5
11	Proliferation of osteoblast precursor cells on the surface of TiO ₂ nanowires anodically grown on a Î²-type biomedical titanium alloy. <i>Scientific Reports</i> , 2022, 12, 7895.	3.3	4
12	Study of Laser Welding and Heat Treatments Done in Different High Strength Steels: 4340, 300M, Maraging 300. , 2013, , .		1
13	Soldagem a laser de Aços de ultra-alta resistência. <i>Revista Brasileira De Aplicações De Vácuo</i> , 2015, 34, 60.	0.1	0