Leonardo Fanton

List of Publications by Year
in descending order

13 papers	118 citations	1478505 6 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	137 citing authors

#	Article	IF	Citations
1	Proliferation of osteoblast precursor cells on the surface of TiO2 nanowires anodically grown on a Î²-type biomedical titanium alloy. Scientific Reports, 2022, 12, 7895.	3.3	4
2	A new approach of abrasive wear performance of flame sprayed NiCrSiBFeC/SiC composite coating. Wear, 2021, 477, 203887.	3.1	9
3	Exploring the Ti-5553 phase transformations utilizing in-situ high-temperature laser-scanning confocal microscopy. Materials Characterization, 2020, 159, 110013.	4.4	5
4	Erosionâ€“Corrosion Resistance of Laser Surface Alloying of NbC Thermal Spray Coatings on AISI 304L Steel. Journal of Thermal Spray Technology, 2020, 29, 319-329.	3.1	12
5	Melting behavior and globular microstructure formation in semi-solid CoCrCu FeNi high-entropy alloys. Journal of Materials Science and Technology, 2020, 52, 207-217.	10.7	26
6	Effects of laser surface melting on crystallographic texture, microstructure, elastic modulus and hardness of Tiâˆ’30Nbâˆ’4Sn alloy. Transactions of Nonferrous Metals Society of China, 2020, 30, 392-404.	4.2	9
7	Anodization growth of TiO2 nanotubes on Tiâ€“35Nbâ€“7Zrâ€“5Ta alloy: effects of anodization time, strain hardening, and crystallographic texture. Journal of Materials Science, 2019, 54, 13724-13739.	3.7	12
8	High strength biomedical Tiâ€“13Moâ€“6Sn alloy: Processing routes, microstructural evolution and mechanical behavior. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 764, 138190.	5.6	7
9	Phase transformation of Nb2O5 during the formation of flame sprayed coatings and its influence on the adhesion strength, abrasive wear and slurry erosive wear. Wear, 2019, 426-427, 277-284.	3.1	5
10	Texture Development in Cold Deformed and Recrystallized Tiâ€“30Nbâ€“4Sn Alloy and Its Effects on Hardness and Young's Modulus. Advanced Engineering Materials, 2017, 19, 1600058.	3.5	6
11	Comparison of Mechanical and Microstructural Characteristics in Maraging 300 Steel Welded by three Different Processes: LASER, PLASMA and TIG. Procedia Engineering, 2015, 114, 291-297.	1.2	22
12	Soldagem a laser de aÃ§os de ultra-alta resistÃªncia. Revista Brasileira De AplicaÃ§Ãµes De VÃ¡cuo, 2015, 34, 60.	0.1	0
13	Study of Laser Welding and Heat Treatments Done in Different High Strength Steels: 4340, 300M, Maraging 300. , 2013, , .		1