

Carlos Romero

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

122
citations

1478280

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1588896

8
g-index

11
all docs

11
docs citations

11
times ranked

124
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatigue and fracture properties of Ti alloys from powder-based processes – A review. <i>International Journal of Fatigue</i> , 2018, 117, 407-419.	2.8	53
2	Producing High-Quality Titanium Alloy by a Cost-Effective Route Combining Fast Heating and Hot Processing. <i>Jom</i> , 2018, 70, 632-637.	0.9	13
3	Fabrication and Characterization of Bioactive Gelatin-Alginate Bioactive Glass Composite Coatings on Porous Titanium Substrates. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 15008-15020.	4.0	13
4	Ultrafine microstructures in eutectoid element bearing low-cost Ti-Fe alloys enabled by slow bainite formation. <i>Journal of Alloys and Compounds</i> , 2018, 769, 226-232.	2.8	11
5	Electrophoretic Deposition of PEEK/45S5 Bioactive Glass Coating on Porous Titanium Substrate: Influence of Processing Conditions and Porosity Parameters. <i>Key Engineering Materials</i> , 0, 704, 343-350.	0.4	10
6	Effect of thermomechanical microstructural modification and resulting crystallographic texture on the crack initiation mechanism and fatigue behaviour of PM Ti-6Al-4V. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 792, 139836.	2.6	7
7	Thermomechanically processed powder metallurgy Ti-5Fe alloy: Effect of microstructure, texture, Fe partitioning and residual porosity on tensile and fatigue behaviour. <i>Materialia</i> , 2021, 20, 101254.	1.3	7
8	Thermomechanical Processing of Cost-Affordable Powder Metallurgy Ti-5Fe Alloys from the Blended Elemental Approach: Microstructure, Tensile Deformation Behavior, and Failure. <i>Metals</i> , 2020, 10, 1405.	1.0	6
9	The Effect of Heat Treatments on Microstructure and Mechanical Properties of As-Extruded Ti-6Al-4V Alloy Rod from Blended Elemental Powders. <i>Key Engineering Materials</i> , 0, 770, 45-51.	0.4	1
10	Influence of microstructure on the fatigue behavior of blended elemental Ti-6Al-4V alloy post-consolidated by extrusion. <i>International Journal of Modern Physics B</i> , 2020, 34, 2040025.	1.0	1
11	Tailoring Mechanical Properties of Extruded Ti-6Al-4V Alloy from the Blended Elemental Route via Microstructure Control. <i>Applied Mechanics and Materials</i> , 2018, 884, 36-42.	0.2	0