

# Carlos Romero

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9235617/publications.pdf>

Version: 2024-02-01

11  
papers

122  
citations

1478280

6  
h-index

1588896

8  
g-index

11  
all docs

11  
docs citations

11  
times ranked

124  
citing authors

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