

Christopher Salvo

List of Publications by Year in descending order

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18
papers

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1163117

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docs citations

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315
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced mechanical and electrical properties of novel graphene reinforced copper matrix composites. <i>Journal of Alloys and Compounds</i> , 2019, 777, 309-316.	5.5	68
2	Study on the microstructural evolution of Ti-Nb based alloy obtained by high-energy ball milling. <i>Journal of Alloys and Compounds</i> , 2017, 720, 254-263.	5.5	54
3	Microstructure, electrical and mechanical properties of Ti ₂ AlN MAX phase reinforced copper matrix composites processed by hot pressing. <i>Materials Characterization</i> , 2021, 171, 110812.	4.4	21
4	The influence of mechanical activation process on the microstructure and mechanical properties of bulk Ti ₂ AlN MAX phase obtained by reactive hot pressing. <i>Ceramics International</i> , 2019, 45, 17793-17799.	4.8	18
5	Structural Study of Novel Nanocrystalline fcc Ti-Ta-Sn Alloy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2061-2065.	2.2	12
6	Mechanically enhanced novel Ti-based alloy foams obtained by hot pressing. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 759, 112-123.	5.6	10
7	Effect of ultrasonic sonication time on the structural, optical and antibacterial properties of ceria nanostructures. <i>Materials Research Express</i> , 2019, 6, 095055.	1.6	9
8	Manufacturing optimisation of an original nanostructured (beta + gamma)-TiNbTa material. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2573-2585.	5.8	8
9	Synthesis and Characterization of a Nearly Single Bulk Ti ₂ AlN MAX Phase Obtained from Ti/AlN Powder Mixture through Spark Plasma Sintering. <i>Materials</i> , 2021, 14, 2217.	2.9	8
10	Materials analysis applying thermodynamic (MAAT) software: A friendly and free tool to analyze the formation of solid solutions, amorphous phases and intermetallic compounds. <i>Computer Physics Communications</i> , 2021, 259, 107573.	7.5	6
11	A Study on the Phase Formation and Magnetic Properties of FeNiCoCuM (M = Mo, Nb) High-Entropy Alloys Processed Through Powder Metallurgy. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2021, 52, 1044-1058.	2.2	5
12	Study of the Influence of Sintering Atmosphere and Mechanical Activation on the Synthesis of Bulk Ti ₂ AlN MAX Phase Obtained by Spark Plasma Sintering. <i>Materials</i> , 2021, 14, 4574.	2.9	5
13	The effect of alumina particles on the microstructural and mechanical properties of copper foams fabricated by space-holder method. <i>Materials Research Express</i> , 2018, 5, 056514.	1.6	4
14	Fast Solution Synthesis of NiO-Gd _{0.1} Ce _{0.9} O _{1.95} Nanocomposite via Different Approach: Influence of Processing Parameters and Characterizations. <i>Materials</i> , 2021, 14, 3437.	2.9	4
15	Effect of Milling Parameters on the Development of a Nanostructured FCC TiNb ₁₅ Mn Alloy via High-Energy Ball Milling. <i>Metals</i> , 2021, 11, 1225.	2.3	4
16	Study of the Effect of the Floating Die Compaction on Mechanical Properties of Titanium Foams. <i>Metals</i> , 2020, 10, 1621.	2.3	3
17	Effect of the Processing Parameters on the Porosity and Mechanical Behavior of Titanium Samples with Bimodal Microstructure Produced via Hot Pressing. <i>Materials</i> , 2022, 15, 136.	2.9	3
18	Flash sintering of one-step synthesized NiO-Ce _{0.9} Gd _{0.1} O _{1.95} (NiO-GDC) composite. <i>Materials Research Express</i> , 2019, 6, 125535.	1.6	2