

Christopher Salvo

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Study of the Effect of the Floating Die Compaction on Mechanical Properties of Titanium Foams. <i>Metals</i> , 2020, 10, 1621. | 2.3 | 3 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |