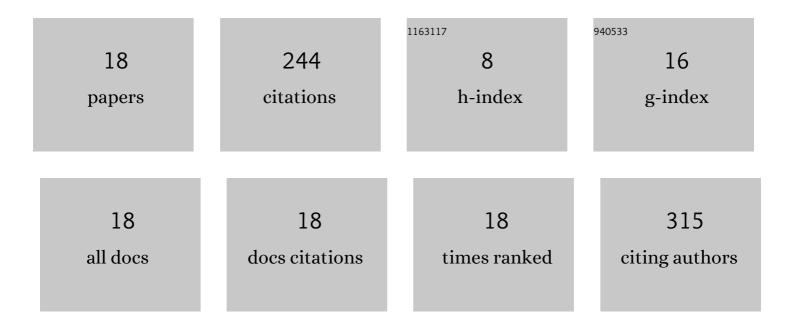
Christopher Salvo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4025548/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Enhanced mechanical and electrical properties of novel graphene reinforced copper matrix composites. Journal of Alloys and Compounds, 2019, 777, 309-316.	5.5	68
2	Study on the microstructural evolution of Ti-Nb based alloy obtained by high-energy ball milling. Journal of Alloys and Compounds, 2017, 720, 254-263.	5.5	54
3	Microstructure, electrical and mechanical properties of Ti2AlN MAX phase reinforced copper matrix composites processed by hot pressing. Materials Characterization, 2021, 171, 110812.	4.4	21
4	The influence of mechanical activation process on the microstructure and mechanical properties of bulk Ti2AlN MAX phase obtained by reactive hot pressing. Ceramics International, 2019, 45, 17793-17799.	4.8	18
5	Structural Study of Novel Nanocrystalline fcc Ti-Ta-Sn Alloy. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 2061-2065.	2.2	12
6	Mechanically enhanced novel Ti-based alloy foams obtained by hot pressing. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 759, 112-123.	5.6	10
7	Effect of ultrasonic sonication time on the structural, optical and antibacterial properties of ceria nanostructures. Materials Research Express, 2019, 6, 095055.	1.6	9
8	Manufacturing optimisation of an original nanostructured (beta + gamma)-TiNbTa material. Journal of Materials Research and Technology, 2019, 8, 2573-2585.	5.8	8
9	Synthesis and Characterization of a Nearly Single Bulk Ti2AlN MAX Phase Obtained from Ti/AlN Powder Mixture through Spark Plasma Sintering. Materials, 2021, 14, 2217.	2.9	8
10	Materials analysis applying thermodynamic (MAAT) software: AÂfriendly and free tool to analyze the formation of solid solutions, amorphous phases and intermetallic compounds. Computer Physics Communications, 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. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 1044-1058.	2.2	5
12	Study of the Influence of Sintering Atmosphere and Mechanical Activation on the Synthesis of Bulk Ti2AlN MAX Phase Obtained by Spark Plasma Sintering. Materials, 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. Materials Research Express, 2018, 5, 056514.	1.6	4
14	Fast Solution Synthesis of NiO-Gd0.1Ce0.9O1.95 Nanocomposite via Different Approach: Influence of Processing Parameters and Characterizations. Materials, 2021, 14, 3437.	2.9	4
15	Effect of Milling Parameters on the Development of a Nanostructured FCC–TiNb15Mn Alloy via High-Energy Ball Milling. Metals, 2021, 11, 1225.	2.3	4
16	Study of the Effect of the Floating Die Compaction on Mechanical Properties of Titanium Foams. Metals, 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. Materials, 2022, 15, 136.	2.9	3
18	Flash sintering of one-step synthesized NiO-Ce0.9Gd0.1O1.95 (NiO-GDC) composite. Materials Research Express, 2019, 6, 125535.	1.6	2