

Go Neves

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of nanostructured carbon derived from the solid-state reaction between iron and boron carbide. <i>Materials Chemistry and Physics</i> , 2022, 276, 125396.	4.0	8
2	Synthesis, characterization and performance of nanostructured 2D turbostratic graphite particles derived from the solid-state reaction between carbides. <i>Materials Research Bulletin</i> , 2022, 151, 111826.	5.2	4
3	An Overview of Highly Porous Titanium Processed via Metal Injection Molding in Combination with the Space Holder Method. <i>Metals</i> , 2022, 12, 783.	2.3	8
4	Carbon Structures and Tribological Properties of Fe-C-SiC Self-Lubricating Metal Matrix Composites Prepared with $\sqrt{2}$ -SiC Polytypes. <i>Lubricants</i> , 2022, 10, 112.	2.9	4
5	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
6	Dry tribological performance of nanostructured 2D turbostratic graphite particles derived from boron and chromium carbides. <i>Wear</i> , 2021, 477, 203842.	3.1	6
7	Semi-empirical computational thermodynamic calculations used to predict carbide dissociation in Fe matrix. <i>Materials Chemistry and Physics</i> , 2020, 240, 122313.	4.0	10
8	Effect of Liquid Phase-Assisted Sintering on the Microstructure, Mechanical Properties, and Tribological Behavior of Self-Lubricating Ferrous Composites. <i>Advanced Engineering Materials</i> , 2020, 22, 1900865.	3.5	1
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	Study of silicon carbide dissociation into Fe and Fe C matrixes produced by die pressing and sintering. <i>Materials Chemistry and Physics</i> , 2020, 253, 123442.	4.0	9
11	Influence of porosity and hBN content on the damping capacity of metal matrix composites. <i>Powder Metallurgy</i> , 2020, 63, 116-125.	1.7	2
12	Effect of Ni addition and cryogenic hardening on the mechanical and tribological properties of self-lubricating steels produced by MIM. <i>Powder Metallurgy</i> , 2020, 63, 163-173.	1.7	2
13	Reinforced Pores in Porous Steels Obtained with Matrix Soluble Space Holders. <i>MRS Advances</i> , 2019, 4, 2959-2967.	0.9	0
14	Structure and properties of in situ-generated two-dimensional turbostratic graphite nodules. <i>Carbon</i> , 2017, 124, 685-692.	10.3	38
15	Application of computational thermodynamics to Fe/Ni, Fe-3%Si/Ni and 316L/Ni systems produced by powder metallurgy. <i>Powder Metallurgy</i> , 2017, 60, 301-308.	1.7	2