

JosÃ© G Miranda-HernÃ¡ndez

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

113
citations

1683934

5
h-index

1719901

7
g-index

30
all docs

30
docs citations

30
times ranked

101
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Impedance Spectroscopy (EIS): A Review Study of Basic Aspects of the Corrosion Mechanism Applied to Steels. , 0, , .		30
2	Effect of Nickel Addition on Microstructure and Mechanical Properties of Aluminum-Based Alloys. Materials Science Forum, 0, 691, 10-14.	0.3	11
3	Synthesis and effect of CaTiO ₃ formation in CaO·Al ₂ O ₃ by solid-state reaction from CaCO ₃ ·Al ₂ O ₃ and Ti. Materials Chemistry and Physics, 2019, 232, 57-64.	2.0	11
4	Synthesis, microstructural analysis and mechanical properties of alumina-matrix cermets. Anyag: Journal of Silicate Based and Composite Materials, 2010, 62, 2-5.	0.0	11
5	Synthesis and Characterization of Zn-Ni Advanced Alloys Prepared by Mechanical Milling and Sintering at Solid-State Process. Advances in Materials Science and Engineering, 2017, 2017, 1-12.	1.0	7
6	Exfoliated graphite preparation based on an eco-friendly mechanochemical route. Journal of Environmental Chemical Engineering, 2020, 8, 104370.	3.3	6
7	A Comparative Analysis of the Tribological Behavior of Hard Layers Obtained by Three Different Hardened-Surface Processes on the Surface of AISI 4140 Steel. Crystals, 2022, 12, 298.	1.0	6
8	Alumina-Based Composites Reinforced with Silver Particles. Advances in Materials, 2013, 2, 62.	0.3	5
9	Physical, mechanical properties and antimicrobial analysis of a novel CaO·Al ₂ O ₃ compound reinforced with Al or Ag particles. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 97, 385-395.	1.5	4
10	REFRACTORY CERAMICS SYNTHESIS BY SOLID-STATE REACTION BETWEEN CaCO ₃ (MOLLUSK SHELL) AND Al ₂ O ₃ POWDERS. Ceramics - Silikaty, 2018, , 355-363.	0.2	4
11	Alumina-Copper Composites with High Fracture Toughness and Low Electrical Resistance. Materials Science Forum, 2010, 644, 43-46.	0.3	3
12	Tenacidad a la fractura de compuestos cermets 3Al ₂ O ₃ *2SiO ₂ /Ag manufacturados por molienda de alta energÃa. Revista Materia, 2016, 21, 243-251.	0.1	3
13	A PLZT Novel Sensor with Pt Implanted for Biomedical Application: Cardiac Micropulses Detection on Human Skin. Advances in Materials Science and Engineering, 2017, 2017, 1-7.	1.0	2
14	Effect of silver nanoparticless in the structure and mechanical properties of mullite/Ag cermets. Science of Sintering, 2019, 51, 175-187.	0.5	2
15	Synthesis of Al ₂ O ₃ /Ti/TiN Functional Graded Materials by Means of Nitriding in Salts of Al ₂ O ₃ /Ti Composites. Materials Science Forum, 2011, 691, 58-62.	0.3	1
16	Influence of poling voltage on optical absorption spectra, thermal properties, and structure of PLZT ceramics. Ferroelectrics, 2017, 507, 159-171.	0.3	1
17	Effect of Ni nanoparticles in Zn-Nix advanced alloys synthesized by sintering reaction. Materials Chemistry and Physics, 2021, 259, 124008.	2.0	1
18	Sea snail shells for synthesis of ceramic compounds reinforced with metallic oxide: Microstructural, mechanical and electrical behavior. Materials Today Communications, 2021, 28, 102656.	0.9	1

#	ARTICLE	IF	CITATIONS
19	Synthesis and Electrical Characterization of a PLZT Piezoelectric-Ceramic. <i>Advances in Materials</i> , 2014, 3, 11.	0.3	1
20	Study of thermal properties on the different layers composing a commercial ceramic tile. <i>Revista Mexicana De Física</i> , 2019, 65, 124-127.	0.2	1
21	Alumina-Based Functional Materials Hardened with Al or Ti and Al-nitride or Ti-nitride Dispersions. <i>Materials Research Society Symposia Proceedings</i> , 2010, 1276, 1.	0.1	0
22	Titanium Effect on Microstructure and Fracture toughness of Al ₂ O ₃ -BASED Composites. <i>Materials Science Forum</i> , 0, 691, 32-36.	0.3	0
23	Fracture Toughness Enhancement of Mullite-Ceramics Reinforced with Metals. <i>Ceramic Transactions</i> , 2014, , 45-52.	0.1	0
24	Obtaining Al ₂ O ₃ /TiO ₂ -Functional Graded Material through Air Oxidation of Al ₂ O ₃ /Ti Composite. <i>Advanced Materials Research</i> , 0, 976, 256-259.	0.3	0
25	An archaeometallurgical study of Mixtec silver gold alloy foils from Tomb No. 7, Monte Alban, Oaxaca, México. <i>Materials Chemistry and Physics</i> , 2020, 242, 122475.	2.0	0
26	Electrical response in poled (Bi _{0.5} Na _{0.5}) _{0.935} Ba _{0.065} TiO ₃ ceramics. <i>Ferroelectrics</i> , 2020, 558, 67-78.	0.3	0
27	AECBDCA Análisis eléctrico de cerámicas piezoeléctricas de BaTiO ₃ dopadas con Cu y Ag. P. A. Boletín Científico De Ciencias Básicas E Ingenierías Del ICBI, 2020, 8, 91-98.	0.0	0