JosÃ© G Miranda-HernÃ¡ndez

List of Publications by Year
in descending order

27	113	1683934 5	1719901 7
papers	citations	h-index	g-index

30	30	30	101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Effect of Ni nanoparticles in Zn-Nix advanced alloys synthesized by sintering reaction. Materials Chemistry and Physics, 2021, 259, 124008.	2.0	1
3	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
4	An archaeometallurgical study of Mixtec silver gold alloy foils from Tomb No. 7, Monte Alban, Oaxaca, MÃ©xico. Materials Chemistry and Physics, 2020, 242, 122475.	2.0	0
5	Exfoliated graphite preparation based on an eco-friendly mechanochemical route. Journal of Environmental Chemical Engineering, 2020, 8, 104370.	3.3	6
6	Electrical response in poled (Bi_{0.5}Na_{0.5})_{0.935}Ba_{0.065}TiO₃ ceramics. Ferroelectrics, 2020, 558, 67-78.	0.3	0
7	AECPBDCA AnÃ¡lisis elÃ©ctrico de cerÃ¡micas piezoelÃ©ctricas de BaTiO3 dopadas con Cu y Ag. PÃ„DI BoletÃn CientÃfico De Ciencias BÃ¡sicas E IngenierÃas Del ICBI, 2020, 8, 91-98.	0.0	0
8	Physical, mechanical properties and antimicrobial analysis of a novel CaOÂ·Al2O3 compound reinforced with Al or Ag particles. Journal of the Mechanical Behavior of Biomedical Materials, 2019, 97, 385-395.	1.5	4
9	Synthesis and effect of CaTiO3 formation in CaOÂ·Al2O3 by solid-state reaction from CaCO3Â·Al2O3 and Ti. Materials Chemistry and Physics, 2019, 232, 57-64.	2.0	11
10	Effect of silver nanoparticless in the structure and mechanical properties of mullite/Ag cermets. Science of Sintering, 2019, 51, 175-187.	0.5	2
11	Study of thermal properties on the different layers composing a commercial ceramic tile. Revista Mexicana De FÃsica, 2019, 65, 124-127.	0.2	1
12	REFRACTORY CERAMICS SYNTHESIS BY SOLID-STATE REACTION BETWEEN CaCOâ‚ƒ (MOLLUSK SHELL) AND Alâ‚‚Oâ‚ƒ POWDERS. Ceramics - Silikaty, 2018, , 355-363.	0.2	4
13	Influence of poling voltage on optical absorption spectra, thermal properties, and structure of PLZT ceramics. Ferroelectrics, 2017, 507, 159-171.	0.3	1
14	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
15	Synthesis and Characterization of Zn-Ni_x 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
16	Tenacidad a la fractura de compuestos cermets 3Al2O3*2SiO2/Ag manufacturados por molienda de alta energÃa. Revista Materia, 2016, 21, 243-251.	0.1	3
17	Fracture Toughness Enhancement of Mullite-Ceramics Reinforced with Metals. Ceramic Transactions, 2014, , 45-52.	0.1	0
18	Synthesis and Electrical Characterization of a PLZT Piezoelectric-Ceramic. Advances in Materials, 2014, 3, 11.	0.3	1

#	Article	IF	Citations
19	Alumina-Based Composites Reinforced with Silver Particles. Advances in Materials, 2013, 2, 62.	0.3	5
20	Synthesis of Al₂O₃/Ti/TiN Functional Graded Materials by Means of Nitriding in Salts of Al₂O₃/Ti Composites. Materials Science Forum, 2011, 691, 58-62.	0.3	1
21	Alumina-Copper Composites with High Fracture Toughness and Low Electrical Resistance. Materials Science Forum, 2010, 644, 43-46.	0.3	3
22	Alumina-Based Functional Materials Hardened with Al or Ti and Al-nitride or Ti-nitride Dispersions. Materials Research Society Symposia Proceedings, 2010, 1276, 1.	0.1	0
23	Synthesis, microstructural analysis and mechanical properties of alumina-matrix cermets. Ã‰pÃ‡Å‘anyag: Journal of Silicate Based and Composite Materials, 2010, 62, 2-5.	0.0	11
24	Effect of Nickel Addition on Microstructure and Mechanical Properties of Aluminum-Based Alloys. Materials Science Forum, 0, 691, 10-14.	0.3	11
25	Titanium Effect on Microstructure and Fracture toughness of Al₂O₃-BASED Composites. Materials Science Forum, 0, 691, 32-36.	0.3	0
26	Obtaining Al₂O₃/Ti/TiO₂-Functional Graded Material through Air Oxidation of Al₂O₃/Ti Composite. Advanced Materials Research, 0, 976, 256-259.	0.3	0
27	Electrochemical Impedance Spectroscopy (EIS): A Review Study of Basic Aspects of the Corrosion Mechanism Applied to Steels. , 0, , .		30