

Francisco J Baldenebro-Lopez

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Simultaneous effect of mechanical alloying and arc-melting processes in the microstructure and hardness of an AlCoFeMoNiTi high-entropy alloy. <i>Journal of Alloys and Compounds</i> , 2015, 643, S250-S255.	2.8	39
2	Effect of Mo and Ti on the microstructure and microhardness in AlCoFeNiMoTi high entropy alloys prepared by mechanical alloying and conventional sintering. <i>Advanced Powder Technology</i> , 2020, 31, 1693-1701.	2.0	36
3	A new application of recycled-PET/PAN composite nanofibers to cement-based materials. <i>Journal of Cleaner Production</i> , 2020, 252, 119827.	4.6	31
4	Evaluation of the mechanical properties, durability and drying shrinkage of the mortar reinforced with polyacrylonitrile microfibers. <i>Construction and Building Materials</i> , 2019, 210, 32-39.	3.2	29
5	Series of Nanocrystalline NiCoAlFe(Cr, Cu, Mo, Ti) High-Entropy Alloys produced by Mechanical Alloying. <i>Materials Research</i> , 2016, 19, 39-46.	0.6	22
6	Influence of Size on the Microstructure and Mechanical Properties of an AISI 304L Stainless Steel—A Comparison between Bulk and Fibers. <i>Materials</i> , 2015, 8, 451-461.	1.3	19
7	Microstructural and magnetic behavior of an equiatomic NiCoAlFe alloy prepared by mechanical alloying. <i>Journal of Alloys and Compounds</i> , 2014, 615, S317-S323.	2.8	12
8	Microstructural evolution of mechanically alloyed Ni-based alloys under high temperature oxidation. <i>Powder Technology</i> , 2015, 281, 57-64.	2.1	9
9	Microstructure and microhardness of high entropy alloys with Zn addition: AlCoFeNiZn and AlCoFeNiMoTiZn. <i>Advanced Powder Technology</i> , 2021, 32, 4687-4696.	2.0	7
10	Cement-Matrix Composites Reinforced with Carbon Fibers as a Multifunctional Material. <i>Microscopy and Microanalysis</i> , 2014, 20, 1880-1881.	0.2	5
11	Microstructural Changes and Mechanical Response of Aluminum-Based Composites Prepared with Dispersed CeO ₂ Nanoparticles. <i>Advances in Materials Science and Engineering</i> , 2019, 2019, 1-8.	1.0	5
12	Effect of zinc oxide on the hydration, microstructure and compressive strength of ternary mixtures. <i>Magazine of Concrete Research</i> , 2021, 73, 420-431.	0.9	3
13	Effect on Microstructure and Hardness of A2024 Aluminum Alloy Doped Cerium Oxide Nanoparticle. <i>Microscopy and Microanalysis</i> , 2015, 21, 2119-2120.	0.2	1
14	Synthesis, Microstructural Characterization and Microhardness of AlCoNi-SiC Composite Prepared by Mechanical Alloying. <i>Materials Research</i> , 2016, 19, 118-124.	0.6	1
15	Performance of PET post-consume bottle fiber into a concrete matrix. <i>Microscopy and Microanalysis</i> , 2013, 19, 1858-1859.	0.2	0
16	Equiatomic NiCoAlFeMoTiCr _x (x= 0,1) High Entropy Alloys Produced by Mechanical Alloying. <i>Microscopy and Microanalysis</i> , 2014, 20, 882-883.	0.2	0
17	Characterization of Precipitate Phases in a NiCoAlFeCrTi High Entropy Alloy by Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2015, 21, 2121-2122.	0.2	0
18	Recycled Al Reinforced with Oxide Nanoparticles Produced by Stir-Casting Method. <i>Microscopy and Microanalysis</i> , 2015, 21, 1037-1038.	0.2	0

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19	Effect on Microstructure and Microhardness of Equiatomic NiCoAlFeMoTi High Entropy Alloys Produced by Mechanical Alloying and Subsequent Arc-Melting. Microscopy and Microanalysis, 2016, 22, 1980-1981.	0.2	0
20	An Electron Microscopy Study on Morphology and Microstructure of a NiCoAlFeMoTiCr High-entropy Alloy synthesized by Arc-melting. Microscopy and Microanalysis, 2016, 22, 1978-1979.	0.2	0
21	Synthesis of AlCoNi-SiC Composite Prepared by Mechanical Alloying. Microscopy and Microanalysis, 2016, 22, 1982-1983.	0.2	0
22	Comparison of Microstructure and Hardness of an Equiatomic NiCo Alloy Produced by Two Routes.. Microscopy and Microanalysis, 2016, 22, 1994-1995.	0.2	0
23	Microstructural Characterization of a Metal Matrix Composite CoCrFeMnMoNi-ZnO Nanoparticles. Microscopy and Microanalysis, 2016, 22, 1996-1997.	0.2	0
24	Synthesis and Characterization of TiO ₂ /C Composite for Photocatalytic Degradation of Dyes.. Microscopy and Microanalysis, 2018, 24, 1114-1115.	0.2	0
25	Synthesis and Characterization of HfC/SiC Ceramic Nanoparticles. Microscopy and Microanalysis, 2018, 24, 1110-1111.	0.2	0
26	Effect on Microstructure and Nanoindentation of a AlCoFeMoNi High Entropy Alloy.. Microscopy and Microanalysis, 2018, 24, 1112-1113.	0.2	0