

A Ignacio Moreno-Ventas Bravo

List of Publications by Year in descending order

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39
papers

1,085
citations

471509

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h-index

395702

33
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40
all docs

40
docs citations

40
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative analyses of the infiltration of Al ₂ O ₃ and MgO refractories by molten phases in the copper-making process using the sessile drop technique. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2020, 59, 15-24.	1.9	5
2	Study of the refractory used in a submerged arc furnace in the copper-making industry. <i>International Journal of Applied Ceramic Technology</i> , 2020, 17, 625-636.	2.1	0
3	Kinetic of pyrite thermal degradation under oxidative environment. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1157-1163.	3.6	8
4	Copper Flash Smelting Process Balance Modeling. <i>Metals</i> , 2020, 10, 1229.	2.3	12
5	Study of Industrial Copper Matte Converting Using Micrography and Thermochemical Calculations. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 1432-1445.	2.1	5
6	Kinetic Evolution of Chalcopyrite Thermal Degradation under Oxidative Environment. <i>Mining, Metallurgy and Exploration</i> , 2020, 37, 923-932.	0.8	3
7	Fundamentals of the refractory wear in an industrial anode furnace used in the copper-making process. <i>Ceramics International</i> , 2019, 45, 9788-9798.	4.8	6
8	Post-mortem study of magnesia-chromite refractory used in the gas area of a Submerged Arc Furnace for the copper-making process. <i>Boletín De La Sociedad Española De Cerámica Y Vidrio</i> , 2019, 58, 178-188.	1.9	4
9	Comparative analysis of refractory wear in the copper-making process by a novel (industrial) dynamic test. <i>Ceramics International</i> , 2019, 45, 1535-1544.	4.8	5
10	Post-mortem study of magnesia-chromite refractory used in Peirce-Smith Converter for copper-making process, supported by thermochemical calculations. <i>Ceramics International</i> , 2018, 44, 13476-13486.	4.8	15
11	Post-mortem Study of Magnesia-Chromite Refractory Used in a Submerged Arc Furnace in the Copper-Making Process. <i>Jom</i> , 2018, 70, 2435-2442.	1.9	7
12	Interfacial Properties of Tetrahydrofuran and Carbon Dioxide Mixture from Computer Simulation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 16142-16153.	3.1	7
13	Chemical degradation of magnesia-chromite refractory used in the conversion step of the pyrometallurgical copper-making process: A thermochemical approach. <i>Ceramics International</i> , 2018, 44, 18363-18375.	4.8	19
14	Measurement and modeling of high pressure density and interfacial tension of carbon dioxide + tetrahydrofuran mixture. <i>Journal of Supercritical Fluids</i> , 2017, 128, 359-369.	3.2	4
15	Vapour-liquid interfacial properties of square-well chains from density functional theory and Monte Carlo simulation. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12296-12309.	2.8	12
16	Mineral chemistry and phase equilibrium constraints on the origin of accretions formed during copper flash smelting. <i>Minerals and Metallurgical Processing</i> , 2017, 34, 36-43.	0.7	1
17	On interfacial properties of tetrahydrofuran: Atomistic and coarse-grained models from molecular dynamics simulation. <i>Journal of Chemical Physics</i> , 2016, 144, 144702.	3.0	13
18	Liquid-liquid interfacial properties of a symmetrical Lennard-Jones binary mixture. <i>Journal of Chemical Physics</i> , 2015, 143, 104706.	3.0	12

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19	Effect of molecular flexibility of Lennard-Jones chains on vapor-liquid interfacial properties. Journal of Chemical Physics, 2014, 140, 114705.	3.0	12
20	Effect of dispersive long-range corrections to the pressure tensor: The vapour-liquid interfacial properties of the Lennard-Jones system revisited. Journal of Chemical Physics, 2014, 141, 184701.	3.0	31
21	SHRIMP U-Pb zircon geochronology and thermal modeling of multilayer granitoid intrusions. Lithos, 2013, 175-176, 104-123.	1.4	35
22	On interfacial tension calculation from the test-area methodology in the grand canonical ensemble. Journal of Chemical Physics, 2012, 136, 114707.	3.0	9
23	Fabric evidence for granodiorite emplacement with extensional shear zones in the Variscan Gredos massif (Spanish Central System). Journal of Structural Geology, 2012, 42, 74-90.	2.3	21
24	Vapor-liquid interfacial properties of rigid-linear Lennard-Jones chains. Journal of Chemical Physics, 2012, 137, 084706.	3.0	21
25	Universal scaling behaviour of surface tension of molecular chains. Journal of Chemical Physics, 2012, 137, 024702.	3.0	17
26	Petrology and SHRIMP U-Pb zircon geochronology of Cordilleran granitoids of the Bariloche area, Argentina. Journal of South American Earth Sciences, 2011, 32, 508-530.	1.4	76
27	Assessing Bulk Assimilation in Cordierite-bearing Granitoids from the Central System Batholith, Spain; Experimental, Geochemical and Geochronological Constraints. Journal of Petrology, 2011, 52, 223-256.	2.8	48
28	Melting Relations of MORB-Sediment Melanges in Underplated Mantle Wedge Plumes; Implications for the Origin of Cordilleran-type Batholiths. Journal of Petrology, 2010, 51, 1267-1295.	2.8	179
29	Ordovician ferrosilicic magmas: Experimental evidence for ultrahigh temperatures affecting a metagreywacke source. Gondwana Research, 2009, 16, 622-632.	6.0	27
30	Massive generation of atypical ferrosilicic magmas along the Gondwana active margin: Implications for cold plumes and back-arc magma generation. Gondwana Research, 2008, 14, 451-473.	6.0	45
31	Triple-junction migration during Paleozoic plate convergence: the Aracena metamorphic belt, Hercynian massif, Spain. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 180-185.	1.3	19
32	Significance of MORB-derived Amphibolites from the Aracena Metamorphic Belt, Southwest Spain. Journal of Petrology, 1996, 37, 235-260.	2.8	81
33	Triple-junction migration during Paleozoic plate convergence: the Aracena metamorphic belt, Hercynian massif, Spain. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 180.	1.3	11
34	The role of hybridization in the genesis of Hercynian granitoids in the gredos massif, Spain: inferences from Sr-Nd isotopes. Contributions To Mineralogy and Petrology, 1995, 120, 137-149.	3.1	67
35	Unstable flow, magma mixing and magma-rock deformation in a deep-seated conduit: the Gil-Márquez Complex, south-west Spain. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1995, 84, 359.	1.3	6
36	Unstable flow, magma mixing and magma-rock deformation in a deep-seated conduit: the Gil-Márquez Complex, south-west Spain. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1995, 84, 359.	1.3	21

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37	H-type (hybrid) granitoids: a proposed revision of the granite-type classification and nomenclature. Earth-Science Reviews, 1991, 31, 237-253.	9.1	135
38	Multistage crystallization of tonalitic enclaves in granitoid rocks (Hercynian belt, Spain): implications for magma mixing. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1991, 80, 109-120.	1.3	28
39	Microgranular enclaves as indicators of hybridization processes in granitoid rocks, Hercynian Belt, Spain. Geological Journal, 1990, 25, 391-404.	1.3	51