

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

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40
all docs

40
docs citations

40
times ranked

978
citing authors

#	ARTICLE	IF	CITATIONS
1	Melting Relations of MORB-Sediment Melanges in Underplated Mantle Wedge Plumes; Implications for the Origin of Cordilleran-type Batholiths. <i>Journal of Petrology</i> , 2010, 51, 1267-1295.	2.8	179
2	H-type (hybrid) granitoids: a proposed revision of the granite-type classification and nomenclature. <i>Earth-Science Reviews</i> , 1991, 31, 237-253.	9.1	135
3	Significance of MORB-derived Amphibolites from the Aracena Metamorphic Belt, Southwest Spain. <i>Journal of Petrology</i> , 1996, 37, 235-260.	2.8	81
4	Petrology and SHRIMP U ²³⁵ Pb zircon geochronology of Cordilleran granitoids of the Bariloche area, Argentina. <i>Journal of South American Earth Sciences</i> , 2011, 32, 508-530.	1.4	76
5	The role of hybridization in the genesis of Hercynian granitoids in the Gredos massif, Spain: inferences from Sr-Nd isotopes. <i>Contributions To Mineralogy and Petrology</i> , 1995, 120, 137-149.	3.1	67
6	Microgranular enclaves as indicators of hybridization processes in granitoid rocks, Hercynian Belt, Spain. <i>Geological Journal</i> , 1990, 25, 391-404.	1.3	51
7	Assessing Bulk Assimilation in Cordierite-bearing Granitoids from the Central System Batholith, Spain; Experimental, Geochemical and Geochronological Constraints. <i>Journal of Petrology</i> , 2011, 52, 223-256.	2.8	48
8	Massive generation of atypical ferrosilicic magmas along the Gondwana active margin: Implications for cold plumes and back-arc magma generation. <i>Gondwana Research</i> , 2008, 14, 451-473.	6.0	45
9	SHRIMP U ²³⁵ Pb zircon geochronology and thermal modeling of multilayer granitoid intrusions. <i>Lithos</i> , 2013, 175-176, 104-123.	1.4	35
10	Effect of dispersive long-range corrections to the pressure tensor: The vapour-liquid interfacial properties of the Lennard-Jones system revisited. <i>Journal of Chemical Physics</i> , 2014, 141, 184701.	3.0	31
11	Multistage crystallization of tonalitic enclaves in granitoid rocks (Hercynian belt, Spain): implications for magma mixing. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1991, 80, 109-120.	1.3	28
12	Ordovician ferrosilicic magmas: Experimental evidence for ultrahigh temperatures affecting a metagreywacke source. <i>Gondwana Research</i> , 2009, 16, 622-632.	6.0	27
13	Fabric evidence for granodiorite emplacement with extensional shear zones in the Variscan Gredos massif (Spanish Central System). <i>Journal of Structural Geology</i> , 2012, 42, 74-90.	2.3	21
14	Vapor-liquid interfacial properties of rigid-linear Lennard-Jones chains. <i>Journal of Chemical Physics</i> , 2012, 137, 084706.	3.0	21
15	Unstable flow, magma mixing and magma-rock deformation in a deep-seated conduit: the Gil-Márquez Complex, south-west Spain. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 359.	1.3	21
16	Triple-junction migration during Paleozoic plate convergence: the Aracena metamorphic belt, Hercynian massif, Spain. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996, 85, 180-185.	1.3	19
17	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
18	Universal scaling behaviour of surface tension of molecular chains. <i>Journal of Chemical Physics</i> , 2012, 137, 024702.	3.0	17

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19	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
20	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
21	Effect of molecular flexibility of Lennard-Jones chains on vapor-liquid interfacial properties. <i>Journal of Chemical Physics</i> , 2014, 140, 114705.	3.0	12
22	Liquid-liquid interfacial properties of a symmetrical Lennard-Jones binary mixture. <i>Journal of Chemical Physics</i> , 2015, 143, 104706.	3.0	12
23	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
24	Copper Flash Smelting Process Balance Modeling. <i>Metals</i> , 2020, 10, 1229.	2.3	12
25	Triple-junction migration during Paleozoic plate convergence: the Aracena metamorphic belt, Hercynian massif, Spain. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996, 85, 180.	1.3	11
26	On interfacial tension calculation from the test-area methodology in the grand canonical ensemble. <i>Journal of Chemical Physics</i> , 2012, 136, 114707.	3.0	9
27	Kinetic of pyrite thermal degradation under oxidative environment. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 141, 1157-1163.	3.6	8
28	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
29	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
30	Unstable flow, magma mixing and magma-rock deformation in a deep-seated conduit: the Gil-Múñez Complex, south-west Spain. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1995, 84, 359.	1.3	6
31	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
32	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
33	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
34	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
35	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
36	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

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37	Kinetic Evolution of Chalcopyrite Thermal Degradation under Oxidative Environment. Mining, Metallurgy and Exploration, 2020, 37, 923-932.	0.8	3
38	Mineral chemistry and phase equilibrium constraints on the origin of accretions formed during copper flash smelting. Minerals and Metallurgical Processing, 2017, 34, 36-43.	0.7	1
39	Study of the refractory used in a submerged arc furnace in the copper-making industry. International Journal of Applied Ceramic Technology, 2020, 17, 625-636.	2.1	0