Miguel Angel Parada

List of Publications by Year
in descending order

47 papers	1,720 citations	279798 23 h-index	276875 41 g-index
48 all docs	48 docs citations	48 times ranked	1771 citing authors

#	Article	IF	Citations
1	Contrasting sources and conditions of shallow magmatic reservoirs of the Fui Group small eruptive centres associated with the LiquiÃ±e-Ofqui Fault Zone (Chilean Andes). Journal of South American Earth Sciences, 2022, 117, 103875.	1.4	0
2	Zircon inheritance from long-lived sources of Late Triassic post-orogenic plutons, High Andes, Central Chile (~30Â°S): Magmatic feedbacks and petrogenetic implications. Lithos, 2020, 370-371, 105662.	1.4	0
3	Cryptic magma recharge associated with the most voluminous 20th century eruptions (1921, 1948 and) Tj ETQq1 1 0.784314 rgBT /Ov	2.1	13
4	Stratigraphically controlled sampling captures the onset of highly fluid-fluxed melting at San Jorge volcano, Southern Volcanic Zone, Chile. Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	6
5	A model for thermal gradient and heat flow in central Chile: The role of thermal properties. Journal of South American Earth Sciences, 2019, 91, 88-101.	1.4	10
6	Old magma and a new, intrusive trigger: using diffusion chronometry to understand the rapid-onset Calbuco eruption, April 2015 (Southern Chile). Contributions To Mineralogy and Petrology, 2019, 174, 1.	3.1	16
7	Localised heating and intensive magmatic conditions prior to the 22â€“23 April 2015 Calbuco volcano eruption (Southern Chile). Bulletin of Volcanology, 2019, 81, 1.	3.0	23
8	Cordierite-bearing granitic rocks in South America: Contrasting sources and conditions of formation. Journal of South American Earth Sciences, 2019, 92, 417-434.	1.4	1
9	Mantle driven cretaceous flare-ups in Cordilleran arcs. Lithos, 2019, 326-327, 19-27.	1.4	34
10	Origin of Holocene trachyte lavas of the QuetrupillÃ¡n volcanic complex, Chile: Examples of residual melts in a rejuvenated crystalline mush reservoir. Journal of Volcanology and Geothermal Research, 2018, 357, 163-176.	2.1	17
11	Geological evolution of Paniri volcano, Central Andes, northern Chile. Journal of South American Earth Sciences, 2018, 84, 184-200.	1.4	14
12	Morphology, Effusion Rates, and Petrology of Postglacial Lavas of Laguna del Maule Volcanic Field, Chilean Andes, and Implications for Their Plumbing System. Geochemistry, Geophysics, Geosystems, 2018, 19, 4925-4944.	2.5	6
13	A geochemical approach to distinguishing competing tectono-magmatic processes preserved in small eruptive centres. Contributions To Mineralogy and Petrology, 2017, 172, 1.	3.1	18
14	Sr- and Nd- isotope variations along the Pleistocene San Pedro â€“ Linzor volcanic chain, N. Chile: Tracking the influence of the upper crustal Altiplano-Puna Magma Body. Journal of Volcanology and Geothermal Research, 2017, 341, 172-186.	2.1	27
15	Transient shallow reservoirs beneath small eruptive centres: Constraints from Mg-Fe interdiffusion in olivine. Journal of Volcanology and Geothermal Research, 2017, 347, 327-336.	2.1	14
16	Assessment of high enthalpy geothermal resources and promising areas of Chile. Geothermics, 2016, 59, 1-13.	3.4	57
17	Protracted late magmatic stage of the Caleu pluton (central Chile) as a consequence of heat redistribution by diking: Insights from zircon data and thermal modeling. Lithos, 2015, 227, 255-268.	1.4	10
18	Contrasting records from mantle to surface of Holocene lavas of two nearby arc volcanic complexes: Caburgua-Huelemolle Small Eruptive Centers and Villarrica Volcano, Southern Chile. Journal of Volcanology and Geothermal Research, 2015, 306, 1-16.	2.1	39

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19	Estimating low-enthalpy geothermal energy potential for district heating in Santiago basinâ€“Chile (33.5ÂÂ°S). Renewable Energy, 2015, 76, 186-195.	8.9	33
20	Comparing magnetic and magmatic fabrics to constrain the magma flow record in La Gloria pluton, central Chile. Journal of Structural Geology, 2014, 69, 32-46.	2.3	26
21	Pyrite as a record of hydrothermal fluid evolution in a porphyry copper system: A SIMS/EMPA trace element study. Geochimica Et Cosmochimica Acta, 2013, 104, 42-62.	3.9	335
22	Lateâ€stage magma flow in a shallow felsic reservoir: Merging the anisotropy of magnetic susceptibility record with numerical simulations in La Gloria Pluton, central Chile. Journal of Geophysical Research: Solid Earth, 2013, 118, 1984-1998.	3.4	26
23	High-resolution stable isotope stratigraphy of the upper Cambrian and Ordovician in the Argentine Precordillera: Carbon isotope excursions and correlations. Gondwana Research, 2013, 24, 330-348.	6.0	42
24	Contribution of ground surface altitude difference to thermal anomaly detection using satellite images: Application to volcanic/geothermal complexes in the Andes of Central Chile. Journal of Volcanology and Geothermal Research, 2012, 237-238, 69-80.	2.1	21
25	Transtension y transpresion del Jurasico Medio-Superior al Cretacico Inferior durante la construccion del arco magmatico en Chile central: evidencia a partir de enjambres de diques maficos.. Andean Geology, 2011, 38, .	0.5	5
26	Numerical Modeling of Time-dependent Fluid Dynamics and Differentiation of a Shallow Basaltic Magma Chamber. Journal of Petrology, 2010, 51, 731-762.	2.8	46
27	The genetic relationship between mafic dike swarms and plutonic reservoirs in the mesozoic of central chile (30Â°â€“33Â°45â€²S): insights from AMS and geochemistry. International Journal of Earth Sciences, 2009, 98, 177-201.	1.8	18
28	Supergene enrichment of copper deposits since the onset of modern hyperaridity in the Atacama Desert, Chile. Mineralium Deposita, 2009, 44, 497-504.	4.1	67
29	Formation of cristobalite nanofibers during explosive volcanic eruptions. Geology, 2009, 37, 435-438.	4.4	39
30	Atacamite formation by deep saline waters in copper deposits from the Atacama Desert, Chile: evidence from fluid inclusions, groundwater geochemistry, TEM, and 36Cl data. Mineralium Deposita, 2008, 43, 663-675.	4.1	52
31	Magmatic evolution of the Mantos Blancos copper deposit, Coastal Range of northern Chile: insight from Srâ€“Nd isotope, geochemical data and silicate melt inclusions. Resource Geology, 2008, 58, 124-142.	0.8	8
32	Upper Cambrian carbonate sequences of the Argentine Precordillera and the Steptoean C-Isotope positive excursion (SPICE). Gondwana Research, 2008, 13, 437-452.	6.0	51
33	Syntectonic emplacement of the Middle Jurassic ConcÃ³n Mafic Dike Swarm, Coastal Range, central Chile (33Â° S). Tectonophysics, 2006, 425, 101-122.	2.2	26
34	The Mantos Blancos copper deposit: an upper Jurassic breccia-style hydrothermal system in the Coastal Range of Northern Chile. Mineralium Deposita, 2006, 41, 246-258.	4.1	42
35	Ages and cooling history of the Early Cretaceous Caleu pluton: testimony of a switch from a rifted to a compressional continental margin in central Chile. Journal of the Geological Society, 2005, 162, 273-287.	2.1	34
36	Magnetic fabrics and compositional evidence for the construction of the Caleu pluton by multiple injections, Coastal Range of central Chile. Tectonophysics, 2005, 399, 399-420.	2.2	13

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37	Adakite-like signature of Late Miocene intrusions at the Los Pelambres giant porphyry copper deposit in the Andes of central Chile: metallogenic implications. Mineralium Deposita, 2003, 38, 876-885.	4.1	136
38	Magmatic Gradients in the Cretaceous Caleu Pluton (Central Chile): Injections of Pulses from a Stratified Magma Reservoir. Gondwana Research, 2002, 5, 307-324.	6.0	12
39	Base and precious metals geochemistry of rock units of the mainland AysÃ©n region, Chilean Patagonia. Journal of Geochemical Exploration, 2000, 68, 21-46.	3.2	5
40	Emplacement, petrological and magnetic susceptibility characteristics of diverse magmatic epidote-bearing granitoid rocks in Brazil, Argentina and Chile. Lithos, 1999, 46, 367-392.	1.4	71
41	Multiple sources for the Coastal Batholith of central Chile (31â€“34Â°S): geochemical and Srâ€“Nd isotopic evidence and tectonic implications. Lithos, 1999, 46, 505-521.	1.4	120
42	Crustal xenoliths from Calbuco Volcano, Andean Southern Volcanic Zone: implications for crustal composition and magma-crust interaction. Contributions To Mineralogy and Petrology, 1995, 119, 331-344.	3.1	50
43	Calbuco Volcano and minor eruptive centers distributed along the Liquiï¿½e-Ofqui Fault Zone, Chile (41ï¿½?42ï¿½ S): contrasting origin of andesitic and basaltic magma in the Southern Volcanic Zone of the Andes. Contributions To Mineralogy and Petrology, 1995, 119, 345-361.	3.1	66
44	Geochemistry of the Triassic to Jurassic plutonism of central Chile (30 to 33Â°S); Petrogenetic implications and a tectonic discussion. Special Paper of the Geological Society of America, 1991, , 99-112.	0.5	13
45	Pre-Andean peraluminous and metaluminous leucogranitoid suites in the High Andes of central Chile. Journal of South American Earth Sciences, 1988, 1, 211-221.	1.4	14
46	A general view on the Chilean-Argentine Andes, with emphasis on their early history. Geodynamic Series, 1987, , 97-113.	0.1	39
47	Lower Triassic alkaline granites of Central Chile (30â€¡S) in the high-Andean Cordillera. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1981, 70, 1043-1053.	1.3	5