

Beatriz L Coira

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,735
citations

20
h-index

36
g-index

36
ext. papers

1,870
ext. citations

2.8
avg, IF

4.31
L-index

#	Paper	IF	Citations
36	Ordovician submarine to subaerial volcanism along the western Gondwana margin: records of the Famatinian belt evolution, north-western Sierras Pampeanas, Argentina. <i>International Journal of Earth Sciences</i> , 2022 , 111, 675	2.2	
35	Cenozoic ash-fall deposits in the Andean foreland basins, Northwest Argentina (23°-26°S) - Key to reconstruct their chrono-stratigraphy and to identify links to the Andean Neogene ignimbrite flare-up. <i>Journal of South American Earth Sciences</i> , 2022 , 103792	2	
34	Plio-Pleistocene paleoenvironmental evolution of the intermontane Humahuaca Basin, southern Central Andes. <i>Journal of South American Earth Sciences</i> , 2021 , 111, 103502	2	1
33	Origin of late Miocene Peraluminous Mn-rich Garnet-bearing Rhyolitic Ashes in the Andean Foreland (Northern Argentina). <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 364, 20-34	2.8	9
32	Arenigian tholeiitic basalts in the Famatina Ordovician basin, northwestern Argentina: emplacement conditions and their tectonic significance.. <i>Andean Geology</i> , 2017 , 44, 123	2.4	8
31	Tectonostratigraphic history of the Neogene Maimar basin, Northwest Argentina. <i>Journal of South American Earth Sciences</i> , 2016 , 72, 137-158	2	6
30	Extensional Carboniferous magmatism at the western margin of Gondwana: Las Lozas valley, Catamarca, Argentina. <i>Andean Geology</i> , 2016 , 43, 105	2.4	16
29	Combined U/Pb and Lu/Hf isotope study from the Las Lozas volcanics, northwestern Argentina: Evidence of juvenile Cryogenian-derived, lower Pennsylvanian volcanism in western Gondwana. <i>Journal of South American Earth Sciences</i> , 2015 , 59, 13-18	2	4
28	Tectonic controls on the evolution of the Andean Cenozoic foreland basin: Evidence from fluvial system variations in the Payogastilla Group, in the Calchaqu/Tonco and Amblayo Valleys, NW Argentina. <i>Journal of South American Earth Sciences</i> , 2014 , 52, 234-259	2	14
27	Central Andean mantle and crustal seismicity beneath the Southern Puna plateau and the northern margin of the Chilean-Pampean flat slab. <i>Tectonics</i> , 2014 , 33, 1636-1658	4.3	33
26	Subaqueous eruption-fed mass-flow deposits: Records of the Ordovician arc volcanism in the northern Famatina Belt; Northwestern Argentina. <i>Journal of South American Earth Sciences</i> , 2014 , 49, 73-84	2	12
25	Multi-stage Evolution of Late Neogene Mantle-derived Magmas from the Central Andes Back-arc in the Southern Puna Plateau of Argentina. <i>Journal of Petrology</i> , 2013 , 54, 1963-1995	3.9	32
24	Teleseismic tomography of the southern Puna plateau in Argentina and adjacent regions. <i>Tectonophysics</i> , 2013 , 586, 65-83	3.1	57
23	Velocity structure beneath the southern Puna plateau: Evidence for delamination. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 4292-4305	3.6	18
22	The Scelidotheriine Proscelidodon (Xenarthra: Mylodontidae) from the Late Miocene of Maimar (Northwestern Argentina, Jujuy Province). <i>Ameghiniana</i> , 2012 , 49, 668-674	0.9	10
21	Geochemical, isotopic and single crystal ⁴⁰ Ar/ ³⁹ Ar age constraints on the evolution of the Cerro Galán ignimbrites. <i>Bulletin of Volcanology</i> , 2011 , 73, 1487-1511	2.4	54
20	Regional chemical diversity, crustal and mantle sources and evolution of central Andean Puna plateau ignimbrites. <i>Journal of Volcanology and Geothermal Research</i> , 2010 , 198, 81-111	2.8	124

19	Puna (Argentina) and northern Chile Ordovician basic magmatism: A contribution to the tectonic setting. <i>Journal of South American Earth Sciences</i> , 2009 , 27, 24-35	2	33
18	Basic magmatism in northeastern Puna, Argentina: Chemical composition and tectonic setting in the Ordovician back-arc. <i>Journal of South American Earth Sciences</i> , 2009 , 28, 374-382	2	24
17	Shallowing and steepening subduction zones, continental lithospheric loss, magmatism, and crustal flow under the Central Andean Altiplano-Puna Plateau 2009 ,		58
16	The Granada ignimbrite: A compound pyroclastic unit and its relationship with Upper Miocene caldera volcanism in the northern Puna. <i>Journal of South American Earth Sciences</i> , 2008 , 25, 464-484	2	15
15	⁴⁰ Ar/ ³⁹ Ar geochronology of mafic volcanism in the back-arc region of the southern Puna plateau, Argentina. <i>Journal of South American Earth Sciences</i> , 2008 , 26, 1-15	2	46
14	Field trip guide: Neogene evolution of the central Andean Puna plateau and southern Central Volcanic Zone 2008 , 117-181		4
13	Geology of the Vilama caldera: A new interpretation of a large-scale explosive event in the Central Andean plateau during the Upper Miocene. <i>Journal of Volcanology and Geothermal Research</i> , 2007 , 164, 27-53	2.8	48
12	Timing of gold and crustal evolution of the Palaeozoic south central Andes, NW Argentina Implications for the endowment of orogenic belts. <i>Earth and Planetary Science Letters</i> , 2006 , 245, 702-721	5.3	19
11	Geochemical and isotopic constraints on Palaeozoic orogenic gold endowment and crustal evolution of the south central Andes, NW Argentina 2005 , 521-524		
10	Peperitic textures of Ordovician dacitic synsedimentary intrusions in Argentina's Puna Highland: clues to emplacement conditions. <i>Journal of Volcanology and Geothermal Research</i> , 2002 , 114, 165-180	2.8	20
9	Petrogenesis of Early Neogene Magmatism in the Northern Puna; Implications for Magma Genesis and Crustal Processes in the Central Andean Plateau. <i>Journal of Petrology</i> , 2002 , 43, 907-942	3.9	65
8	Magmatic sources and tectonic setting of Gondwana margin Ordovician magmas, northern Puna of Argentina and Chile 1999 ,		33
7	Neogene Magmatism, Tectonism, and Mineral Deposits of the Central Ande (22° to 33° S Latitude) 1999 ,		46
6	Paleomagnetism of upper Miocene ignimbrites at the Puna: An analysis of vertical-axis rotations in the Central Andes. <i>Journal of Geophysical Research</i> , 1996 , 101, 11387-11400		45
5	Generation of a crust-mantle magma mixture: magma sources and contamination at Cerro Panizos, central Andes. <i>Contributions To Mineralogy and Petrology</i> , 1996 , 123, 308-322	3.5	69
4	Young mafic back arc volcanic rocks as indicators of continental lithospheric delamination beneath the Argentine Puna Plateau, central Andes. <i>Journal of Geophysical Research</i> , 1994 , 99, 24323-24339		274
3	Late cenozoic deformation in the Central Andes: fault kinematics from the northern Puna, northwestern Argentina and southwestern Bolivia. <i>Journal of South American Earth Sciences</i> , 1994 , 7, 209-228	2	97
2	Implications of Quaternary volcanism at Cerro Tuzgle for crustal and mantle evolution of the Puna Plateau, Central Andes, Argentina. <i>Contributions To Mineralogy and Petrology</i> , 1993 , 113, 40-58	3.5	71

- 1 Tectonic and magmatic evolution of the Andes of northern Argentina and Chile. *Earth-Science Reviews*, **1982**, 18, 303-332

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