Beatriz L Coira

List of Publications by Citations

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	Tectonic and magmatic evolution of the Andes of northern Argentina and Chile. *Earth-Science Reviews*, **1982**, 18, 303-332	10.2	370
35	Young mafic back arc volcanic rocks as indicators of continental lithospheric delamination beneath the Argentine Puna Plateau, central Andes. *Journal of Geophysical Research*, **1994**, 99, 24323-24339		274
34	Regional chemical diversity, crustal and mantle sources and evolution of central Andean Puna plateau ignimbrites. *Journal of Volcanology and Geothermal Research*, **2010**, 198, 81-111	2.8	124
33	Late cenozoic deformation in the Central Andes: fault kinematics from the northern Puna, northwestern Argentina and southwestern Bolivia. *Journal of South American Earth Sciences*, **1994**, 7, 209-228	2	97
32	Implications of Quaternary volcanism at Cerro Tuzgle for crustal and mantle evolution of the Puna Plateau, Central Andes, Argentina. *Contributions To Mineralogy and Petrology*, **1993**, 113, 40-58	3.5	71
31	Generation of a crust-mantle magma mixture: magma sources and contamination at Cerro Panizos, central Andes. *Contributions To Mineralogy and Petrology*, **1996**, 123, 308-322	3.5	69
30	Petrogenesis of Early Neogene Magmatism in the Northern Puna; Implications for Magma Genesis and Crustal Processes in the Central Andean Plateau. *Journal of Petrology*, **2002**, 43, 907-942	3.9	65
29	Shallowing and steepening subduction zones, continental lithospheric loss, magmatism, and crustal flow under the Central Andean Altiplano-Puna Plateau **2009**,		58
28	Teleseismic tomography of the southern Puna plateau in Argentina and adjacent regions. *Tectonophysics*, **2013**, 586, 65-83	3.1	57
27	Geochemical, isotopic and single crystal 40Ar/39Ar age constraints on the evolution of the Cerro Galán ignimbrites. *Bulletin of Volcanology*, **2011**, 73, 1487-1511	2.4	54
26	Geology of the Vilama caldera: A new interpretation of a large-scale explosive event in the Central Andean plateau during the Upper Miocene. *Journal of Volcanology and Geothermal Research*, **2007**, 164, 27-53	2.8	48
25	40Ar/39Ar geochronology of mafic volcanism in the back-arc region of the southern Puna plateau, Argentina. *Journal of South American Earth Sciences*, **2008**, 26, 1-15	2	46
24	Neogene Magmatism, Tectonism, and Mineral Deposits of the Central Ande (22° to 33° S Latitude) **1999**,		46
23	Paleomagnetism of upper Miocene ignimbrites at the Puna: An analysis of vertical-axis rotations in the Central Andes. *Journal of Geophysical Research*, **1996**, 101, 11387-11400		45
22	Central Andean mantle and crustal seismicity beneath the Southern Puna plateau and the northern margin of the Chilean-Pampean flat slab. *Tectonics*, **2014**, 33, 1636-1658	4.3	33
21	Puna (Argentina) and northern Chile Ordovician basic magmatism: A contribution to the tectonic setting. *Journal of South American Earth Sciences*, **2009**, 27, 24-35	2	33
20	Magmatic sources and tectonic setting of Gondwana margin Ordovician magmas, northern Puna of Argentina and Chile **1999**,		33

19	Multi-stage Evolution of Late Neogene Mantle-derived Magmas from the Central Andes Back-arc in the Southern Puna Plateau of Argentina. *Journal of Petrology*, **2013**, 54, 1963-1995	3.9	32
18	Basic magmatism in northeastern Puna, Argentina: Chemical composition and tectonic setting in the Ordovician back-arc. *Journal of South American Earth Sciences*, **2009**, 28, 374-382	2	24
17	Peperitic textures of Ordovician dacitic synsedimentary intrusions in Argentinas Puna Highland: clues to emplacement conditions. *Journal of Volcanology and Geothermal Research*, **2002**, 114, 165-180	2.8	20
16	Timing of gold and crustal evolution of the Palaeozoic south central Andes, NW Argentina Implications for the endowment of orogenic belts. *Earth and Planetary Science Letters*, **2006**, 245, 702-721	5.3	19
15	Velocity structure beneath the southern Puna plateau: Evidence for delamination. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 4292-4305	3.6	18
14	Extensional Carboniferous magmatism at the western margin of Gondwana: Las Lozas valley, Catamarca, Argentina. *Andean Geology*, **2016**, 43, 105	2.4	16
13	The Granada ignimbrite: A compound pyroclastic unit and its relationship with Upper Miocene caldera volcanism in the northern Puna. *Journal of South American Earth Sciences*, **2008**, 25, 464-484	2	15
12	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. *Journal of South American Earth Sciences*, **2014**, 52, 234-259	2	14
11	Subaqueous eruption-fed mass-flow deposits: Records of the Ordovician arc volcanism in the northern Famatina Belt; Northwestern Argentina. *Journal of South American Earth Sciences*, **2014**, 49, 73-84	2	12
10	The ScelidotheriineProscelidodon(Xenarthra: Mylodontidae) from the Late Miocene of Maimar (Northwestern Argentina, Jujuy Province). *Ameghiniana*, **2012**, 49, 668-674	0.9	10
9	Origin of late Miocene Peraluminous Mn-rich Garnet-bearing Rhyolitic Ashes in the Andean Foreland (Northern Argentina). *Journal of Volcanology and Geothermal Research*, **2018**, 364, 20-34	2.8	9
8	Arenigian tholeiitic basalts in the Famatina Ordovician basin, northwestern Argentina: emplacement conditions and their tectonic significance.. *Andean Geology*, **2017**, 44, 123	2.4	8
7	Tectonostratigraphic history of the Neogene Maimar basin, Northwest Argentina. *Journal of South American Earth Sciences*, **2016**, 72, 137-158	2	6
6	Combined UPb and LuHf isotope study from the Las Lozas volcanics, northwestern Argentina: Evidence of juvenile Cryogenian-derived, lower Pennsylvanian volcanism in western Gondwana. *Journal of South American Earth Sciences*, **2015**, 59, 13-18	2	4
5	Field trip guide: Neogene evolution of the central Andean Puna plateau and southern Central Volcanic Zone **2008**, 117-181		4
4	Plio-Pleistocene paleoenvironmental evolution of the intermontane Humahuaca Basin, southern Central Andes. *Journal of South American Earth Sciences*, **2021**, 111, 103502	2	1
3	Ordovician submarine to subaerial volcanism along the western Gondwana margin: records of the Famatinian belt evolution, north-western Sierras Pampeanas, Argentina. *International Journal of Earth Sciences*, **2022**, 111, 675	2.2	
2	Geochemical and isotopic constraints on Palaeozoic orogenic gold endowment and crustal evolution of the south central Andes, NW Argentina **2005**, 521-524		

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. *Journal of South American Earth Sciences*, **2022**, 103792