

Juan E Otamendi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9409322/publications.pdf>

Version: 2024-02-01

25
papers

1,049
citations

623734

14
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

821
citing authors

#	ARTICLE	IF	CITATIONS
1	Rayleigh fractionation of heavy rare earths and yttrium during metamorphic garnet growth. <i>Geology</i> , 2002, 30, 159.	4.4	184
2	Generation of Tonalitic and Dioritic Magmas by Coupled Partial Melting of Gabbroic and Metasedimentary Rocks within the Deep Crust of the Famatinian Magmatic Arc, Argentina. <i>Journal of Petrology</i> , 2009, 50, 841-873.	2.8	116
3	A MASH Zone Revealed: the Mafic Complex of the Sierra Valle F�rtil. <i>Journal of Petrology</i> , 2015, 56, 1863-1896.	2.8	101
4	Geological, Petrological and Geochemical Evidence for Progressive Construction of an Arc Crustal Section, Sierra de Valle F�rtil, Famatinian Arc, Argentina. <i>Journal of Petrology</i> , 2012, 53, 761-800.	2.8	100
5	Timing constraints on building an intermediate plutonic arc crustal section: U- Pb zircon geochronology of the Sierra Valle F�rtil-La Huerta, Famatinian arc, Argentina. <i>Tectonics</i> , 2010, 29, n/a-n/a.	2.8	86
6	Partial Melting of Aluminous Metagreywackes in the Northern Sierra de Comechingones, Central Argentina. <i>Journal of Petrology</i> , 2001, 42, 1751-1772.	2.8	69
7	Geology and petrology of a deep crustal zone from the Famatinian paleo-arc, Sierras de Valle F�rtil and La Huerta, San Juan, Argentina. <i>Journal of South American Earth Sciences</i> , 2009, 27, 258-279.	1.4	63
8	Metamorphic evolution of migmatites from the deep Famatinian arc crust exposed in Sierras Valle F�rtil-La Huerta, San Juan, Argentina. <i>Journal of South American Earth Sciences</i> , 2008, 25, 313-335.	1.4	57
9	U-Pb ages and Hf isotope compositions of zircons in plutonic rocks from the central Famatinian arc, Argentina. <i>Journal of South American Earth Sciences</i> , 2017, 76, 412-426.	1.4	41
10	The geodynamic history of the Famatinian arc, Argentina: A record of exposed geology over the type section (latitudes 27�- 33� south). <i>Journal of South American Earth Sciences</i> , 2020, 100, 102558.	1.4	41
11	Reconstruction of the Early Ordovician Famatinian arc through thermobarometry in lower and middle crustal exposures, Sierra de Valle F�rtil, Argentina. <i>Tectonophysics</i> , 2013, 589, 151-166.	2.2	40
12	Early Paleozoic accretionary orogens along the Western Gondwana margin. <i>Geoscience Frontiers</i> , 2021, 12, 109-130.	8.4	34
13	Petrology of mafic and ultramafic layered rocks from the Jaboncillo Valley, Sierra de Valle F�rtil, Argentina: Implications for the evolution of magmas in the lower crust of the Famatinian arc. <i>Journal of South American Earth Sciences</i> , 2010, 29, 685-704.	1.4	24
14	Trace elements in minerals from mafic and ultramafic cumulates of the central Sierra de Valle F�rtil, Famatinian arc, Argentina. <i>Lithos</i> , 2016, 240-243, 355-370.	1.4	18
15	Formation of paired pelitic and gabbroic migmatites: An empirical investigation of the consistency of geothermometers, geobarometers, and pseudosections. <i>Lithos</i> , 2011, 122, 57-75.	1.4	12
16	Depositional age and provenance in the San Luis Formation, Sierras Pampeanas, Argentina: Evidence from detrital zircon studies. <i>Journal of South American Earth Sciences</i> , 2019, 94, 102228.	1.4	9
17	Syn-deformational anatexis along the Santa Rosa river section, Argentina: Feedback relations between deformation, metamorphism and melt extraction. <i>Journal of Structural Geology</i> , 2019, 124, 151-167.	2.3	9
18	Petrology and geochronology of the San Mart�n de los Andes batholith: Insights into the Devonian magmatism of the North Patagonian Andes. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103283.	1.4	9

#	ARTICLE	IF	CITATIONS
19	Metamorphic evolution of the R�o Santa Rosa Granulites, northern Sierra de Comechingones, Argentina. <i>Journal of South American Earth Sciences</i> , 2005, 18, 163-181.	1.4	8
20	Petrology of rocks formed by interaction of mafic magmas and high-grade metamorphic rocks at Suya Taco area, northern Sierra de Comechingones, Argentina. <i>Lithos</i> , 2003, 66, 107-132.	1.4	7
21	Geochronology and facies analysis of subaqueous volcanism of lower ordovician, Famatinian arc, Argentina. <i>Journal of South American Earth Sciences</i> , 2018, 84, 255-265.	1.4	6
22	Early Cambrian multiple-sourced plutonism in the Eastern Sierras Pampeanas, C�rdoba, Argentina: Implications for the evolution of the early Paleozoic Gondwana margin. <i>Journal of South American Earth Sciences</i> , 2021, 106, 103048.	1.4	6
23	Petrological and geochemical variations of a turbidite-like metasedimentary sequence over the metatexite to diatexite transition within the Pampean Orogen, Argentina. <i>International Journal of Earth Sciences</i> , 2019, 108, 1361-1385.	1.8	4
24	Caracterizaci�n petrol�gica y geoqu�mica de las rocas plut�nicas de la Sierra de La Aguada, Provincia de San Luis, Argentina: Implicaciones gen�ticas con el arco magm�tico Famatiniano. <i>Estudios Geol�gicos</i> , 2017, 73, 065.	0.2	3
25	P-T-t path reconstruction in a syn-deformational migmatization event along the north-central portion of Sierra de Comechingones, C�rdoba, Argentina. <i>Journal of South American Earth Sciences</i> , 2021, 112, 103534.	1.4	2