

Benito Abalos

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,072
citations

361296

20
h-index

414303

32
g-index

50
all docs

50
docs citations

50
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochronological record of Cadomian exterior orogen reworking in bi-modal igneous protoliths of the Cabo Ortegal Allochthon (NW Iberia): the Cambrian onset of the Palaeozoic plate-tectonic cycle. <i>International Geology Review</i> , 2024, 66, 310-335.	1.1	0
2	Geochemical dataset of high-pressure acid migmatites from the Cabo Ortegal Complex (NW Spain). <i>Data in Brief</i> , 2022, 40, 107823.	0.5	0
3	Ediacaran - Earliest Cambrian arc-tholeiite and adakite associations of the Malcocinado Formation (Ossa-Morena Zone, SW Spain): Juvenile continental crust and deep crustal reworking in northern Gondwana. <i>Lithos</i> , 2020, 372-373, 105683.	0.6	12
4	U-Pb, Hf isotope and REE constraints on high-pressure acid migmatites from the Cabo Ortegal Complex (NW Spain): New evidence of short-duration metamorphism in a Variscan subduction channel. <i>Lithos</i> , 2020, 372-373, 105660.	0.6	2
5	Short-duration regional metamorphic event recorded in a Variscan subduction channel (Malpica de la Mata, NW Spain). <i>Lithos</i> , 2019, 193, 105683.	0.9	10
6	Scales of deformation partitioning during exhumation in a continental subduction channel: A petrofabric study of eclogites and gneisses from the NW Iberian Peninsula (Malpica de la Mata, NW Spain). <i>Lithos</i> , 2018, 157, 105683.	0.9	10
7	Boris Choubert: Unrecognized visionary geologist, pioneer of the global tectonics. <i>Bulletin - Societe Geologique De France</i> , 2018, 189, 7.	0.9	2
8	Petrofabric of forsterite marbles and related rocks from a low-pressure metamorphic terrain (Almadén de la Plata massif, Ossa-Morena Zone, SW Spain) and its kinematic interpretation. <i>Journal of Structural Geology</i> , 2018, 117, 58-80.	1.0	1
9	Eclogite inclusions from subducted metaigneous continental crust (Malpica de la Mata Allochthonous). <i>Lithos</i> , 2017, 136, 1376-1406.	1.3	22
10	Discerning Permian orogenic metamorphism from other tectonothermal events (Mesoproterozoic to Permian) in the Iberian Peninsula (northern Spain). <i>Lithosphere</i> , 2017, 9, 441-452.	0.6	2
11	Petrofabric and seismic properties of lithospheric mantle xenoliths from the Calatrava volcanic field (Central Spain). <i>Tectonophysics</i> , 2016, 683, 200-215.	0.9	15
12	Geologic map of the Basque-Cantabrian Basin and a new tectonic interpretation of the Basque Arc. <i>International Journal of Earth Sciences</i> , 2016, 105, 2327-2354.	0.9	26
13	Radiometric discrimination of pre-Variscan amphibolites in the Ediacaran Serie Negra (Ossa-Morena). <i>Lithos</i> , 2016, 135, 105683.	0.9	29
14	Geochemistry and paleotectonic setting of Ediacaran metabasites from the Ossa-Morena Zone (SW Iberia). <i>Lithos</i> , 2016, 135, 105683.	0.9	24
15	Graphite and quartz petrofabrics: Examples from the Ediacaran black quartzites of the Ossa-Morena Zone (SW Iberia). <i>Tectonophysics</i> , 2014, 615-616, 53-68.	0.9	7
16	Provenance of quartz-rich metamorphic tectonite pebbles from the Black Flysch (W Pyrenees, N Iberia). <i>Lithos</i> , 2014, 117, 105683.	0.9	10
17	Ventifacts and associated weathering forms in early Albian carbonates of the Cantabrian coast (Noja). <i>Lithos</i> , 2014, 117, 105683.	1.1	9
18	Mantle wedge deformation recorded by high-temperature peridotite fabric superposition and hydrous retrogression (Limo massif, Cabo Ortegal, NW Spain). <i>International Journal of Earth Sciences</i> , 2012, 101, 1835-1853.	0.9	19

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19	African/Amazonian Proterozoic correlations of Iberia: A detrital zircon Uâ€Pb study of early Cambrian conglomerates from the Sierra de la Demanda (northern Spain). <i>Tectonics</i> , 2012, 31, .	1.3	19
20	Cambrian rift-related magmatism in the Ossa-Morena Zone (Iberian Massif): Geochemical and geophysical evidence of Gondwana breakâ€up. <i>Tectonophysics</i> , 2012, 570-571, 135-150.	0.9	23
21	Structural Diagenesis of Siderite Layers in Black Shales (Albian Black Flysch, Northern Spain). <i>Journal of Geology</i> , 2012, 120, 405-429.	0.7	10
22	The geochemical and isotopic record of evaporite recycling in spas and salterns of the Basque Cantabrian basin, Spain. <i>Applied Geochemistry</i> , 2011, 26, 1315-1329.	1.4	17
23	EBSD microfabric study of pre-Cambrian deformations recorded in quartz pebbles from the Sierra de la Demanda (N Spain). <i>Journal of Structural Geology</i> , 2011, 33, 500-518.	1.0	12
24	Latest Cretaceous cone-in-cone structures and soft-sediment deformation (Basque-Cantabrian Basin,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i> 2011, 123, 427-438.	1.6	9
25	Eclogite as a seismic marker in subduction channels: Seismic velocities, anisotropy, and petrofabric of Cabo Ortegal eclogite tectonites (Spain). <i>Bulletin of the Geological Society of America</i> , 2011, 123, 439-456.	1.6	32
26	Transposed high-pressure granulite fabrics (Cabo Ortegal, NW Spain): Implications on the scales of deformation localization. <i>Journal of Structural Geology</i> , 2009, 31, 776-790.	1.0	14
27	Scientific examination of classic Spanish stamps with colour error, a non-invasive micro-Raman and micro-XRF approach: The King Alfonso XIII (1889â€1901 â€œPelÃ³nâ€) 15 cents definitive issue. <i>Journal of Cultural Heritage</i> , 2008, 9, 189-195.	1.5	22
28	Geological and isotopic constraints on the structure of the Bilbao anticlinorium (Basqueâ€Cantabrian basin, North Spain). <i>Journal of Structural Geology</i> , 2008, 30, 1354-1367.	1.0	27
29	Microstructural evidences for thermal runaway and deep palaeoseismic activity (Cabo Ortegal, NW) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	0.9	2
30	Composite origin of an early Variscan transported suture: Ophiolitic units of the Morais Nappe Complex (north Portugal). <i>Tectonics</i> , 2006, 25, n/a-n/a.	1.3	71
31	Metamorphic evolution and thermobaric structure of the subduction-related Bacariza high-pressure granulite formation (Cabo Ortegal Complex, NW Spain). <i>Lithos</i> , 2005, 84, 125-149.	0.6	39
32	Structural analysis of high-pressure shear zones (Bacariza Formation, Cabo Ortegal, NW Spain). <i>Journal of Structural Geology</i> , 2005, 27, 1046-1060.	1.0	11
33	Structural assemblage of high-pressure mantle and crustal rocks in a subduction channel (Cabo) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	1.3	45
34	On the relationship between kilometer-scale sheath folds, ductile thrusts and minor structures in the basal high-pressure units of the Cabo Ortegal complex (NW Spain). <i>Journal of Structural Geology</i> , 2002, 24, 1971-1989.	1.0	18
35	Superposed Hercynian and Cadomian orogenic cycles in the Ossa-Morena zone and related areas of the Iberian Massif. <i>Bulletin of the Geological Society of America</i> , 2000, 112, 1398-1413.	1.6	125
36	Title is missing!. <i>Bulletin of the Geological Society of America</i> , 2000, 112, 1398.	1.6	27

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37	Deformation, high-pressure metamorphism and exhumation of ultramafic rocks in a deep subduction/collision setting (Cabo Ortegal, NW Spain). <i>Journal of Metamorphic Geology</i> , 1999, 17, 747-764.	1.6	31
38	Structure of the Castillo granite, Southwest Spain: Variscan deformation of a late Cadomian pluton. <i>Tectonics</i> , 1999, 18, 1041-1063.	1.3	7
39	Anisotropy of magnetic susceptibility of eclogites: Mineralogical origin and correlation with the tectonic fabric (Cabo Ortegal, Spain). <i>Geodinamica Acta</i> , 1998, 11, 271-283.	2.2	3
40	Omphacite fabric variation in the Cabo Ortegal eclogite (NW Spain): relationships with strain symmetry during high-pressure deformation. <i>Journal of Structural Geology</i> , 1997, 19, 621-637.	1.0	66
41	Upper-mantle anisotropy in SW Iberia from long-range seismic profiles and teleseismic shear-wave data. <i>Physics of the Earth and Planetary Interiors</i> , 1996, 95, 153-166.	0.7	20
42	Flow Stress, strain rate and effective viscosity evaluation in a high-pressure metamorphic nappe (Cabo Ortegal, Spain). <i>Journal of Metamorphic Geology</i> , 1996, 14, 227-248.	1.6	30
43	Correlation between seismic anisotropy and major geological structures in SW Iberia: A case study on continental lithosphere deformation. <i>Tectonics</i> , 1995, 14, 1021-1040.	1.3	33
44	A reply to "Cadomian subduction/collision and Variscan transpression in the Badajoz-Córdoba Shear Belt, southwest Spain: a discussion on the age of the main tectonometamorphic events" by A. Azor, F. González Lodeiro and J.F. Simancas. <i>Tectonophysics</i> , 1993, 217, 347-353.	0.9	12
45	Tectonic setting of Cadomian low-pressure metamorphism in the central Ossa-Morena zone (Iberian) <i>Tectonophysics</i> , 1993, 217, 347-353.	0.784314	30
46	Variscan shear-zone deformation of late Precambrian basement in SW Iberia: implications for circum-Atlantic pre-Mesozoic tectonics. <i>Journal of Structural Geology</i> , 1992, 14, 807-823.	1.0	19
47	Structural and metamorphic evolution of the almaden de la plata core (Seville, Spain) in relation to syn-metamorphic shear between the Ossa-Morena and South Portuguese zones of the Iberian Variscan fold belt. <i>Tectonophysics</i> , 1991, 191, 365-387.	0.9	18
48	Cadomian subduction/collision and Variscan transpression in the Badajoz-Córdoba shear belt, southwest Spain. <i>Tectonophysics</i> , 1991, 199, 51-72.	0.9	93
49	Title is missing!. <i>Estudios Geologicos</i> , 1990, 46, .	0.7	3