

Paulo E Fonseca

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,206
citations

361413

20
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

1049
citing authors

#	ARTICLE	IF	CITATIONS
1	Geodynamic evolution of the SW Europe Variscides. <i>Tectonics</i> , 2007, 26, .	2.8	215
2	Tectonics of the Beja-Acebuches Ophiolite: a major suture in the Iberian Variscan Foldbelt. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1993, 82, 440-447.	1.3	89
3	Variscan ophiolite belts in the Ossa-Morena Zone (Southwest Iberia): Geological characterization and geodynamic significance. <i>Gondwana Research</i> , 2010, 17, 408-421.	6.0	87
4	The ca. 350Ma Beja Igneous Complex: A record of transcurrent slab break-off in the Southern Iberia Variscan Belt?. <i>Tectonophysics</i> , 2008, 461, 356-377.	2.2	85
5	⁴⁰ Ar/ ³⁹ Ar mineral age constraints for the tectonothermal evolution of a Variscan suture in southwest Iberia. <i>Tectonophysics</i> , 1993, 222, 177-194.	2.2	74
6	The emergence of volcanic oceanic islands on a slow-moving plate: The example of Madeira Island, NE Atlantic. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 522-537.	2.5	58
7	The Moura Phyllonitic Complex: An Accretionary Complex related with obduction in the Southern Iberia Variscan Suture. <i>Geodinamica Acta</i> , 2005, 18, 375-388.	2.2	55
8	Diachronic collision, slab break-off and long-term high thermal flux in the Brasiliano Pan-African orogeny: Implications for the geodynamic evolution of the Mantiqueira Province. <i>Precambrian Research</i> , 2015, 260, 1-22.	2.7	53
9	The low-grade Canal de las Montañas Shear Zone and its role in the tectonic emplacement of the Sarmiento Ophiolitic Complex and Late Cretaceous Patagonian Andes orogeny, Chile. <i>Tectonophysics</i> , 2012, 524-525, 165-185.	2.2	48
10	Thermochronology of central Ribeira Fold Belt, SE Brazil: Petrological and geochronological evidence for long-term high temperature maintenance during Western Gondwana amalgamation. <i>Precambrian Research</i> , 2010, 180, 285-298.	2.7	36
11	A comprehensive analysis of groundwater resources using GIS and multicriteria tools (Caldas da Tj ETQq1 1 0.784314 rgBT /Overlock 11)	2.7	35
12	Electromagnetic imaging of a transpressional tectonics in SW Iberia. <i>Geophysical Research Letters</i> , 2001, 28, 439-442.	4.0	31
13	Tectonostratigraphy of Middle and Upper Palaeozoic black shales from the Porto-Tomar-Ferreira do Alentejo shear zone (W Portugal): new perspectives on the Iberian Massif. <i>Geobios</i> , 2003, 36, 649-663.	1.4	28
14	Mechanics of thick-skinned Variscan overprinting of Cadomian basement (Iberian Variscides). <i>Comptes Rendus - Geoscience</i> , 2009, 341, 127-139.	1.2	27
15	Crustal seismic structure beneath Portugal and southern Galicia (Western Iberia) and the role of Variscan inheritance. <i>Tectonophysics</i> , 2017, 717, 645-664.	2.2	25
16	HPaLT Variscan metamorphism in the Cubito-Moura schists (Ossa-Morena Zone, southern Iberia). <i>Comptes Rendus - Geoscience</i> , 2006, 338, 1260-1267.	1.2	24
17	Defining the dynamics of groundwater in Serra da Estrela Mountain area, central Portugal: an isotopic and hydrogeochemical approach. <i>Hydrogeology Journal</i> , 2011, 19, 117-131.	2.1	24
18	Metamorphic P-T evolution of granulites in the central Ribeira Fold Belt, SE Brazil. <i>Geosciences Journal</i> , 2011, 15, 27-51.	1.2	24

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19	Environmental issues in urban groundwater systems: a multidisciplinary study of the Paranhos and Salgueiros spring waters, Porto (NW Portugal). <i>Environmental Earth Sciences</i> , 2010, 61, 379-392.	2.7	22
20	Conceptualizing a mountain hydrogeologic system by using an integrated groundwater assessment (Serra da Estrela, Central Portugal): a review. <i>Geosciences Journal</i> , 2013, 17, 371-386.	1.2	22
21	HT-fabrics in a garnet-bearing quartzite from Western Portugal: geodynamic implications for the Iberian Variscan Belt. <i>Terra Nova</i> , 2003, 15, 96-103.	2.1	20
22	The role of geosciences in the assessment of low-temperature geothermal resources (N-Portugal): a review. <i>Geosciences Journal</i> , 2010, 14, 423-442.	1.2	20
23	The link between partial melting, granitization and granulite development in central Ribeira Fold Belt, SE Brazil: New evidence from elemental and Sr- ⁸⁷ / ₈₆ Nd isotopic geochemistry. <i>Journal of South American Earth Sciences</i> , 2011, 31, 262-278.	1.4	18
24	Urban speleology applied to groundwater and geo-engineering studies: underground topographic surveying of the ancient Arca D'Água galleries catchworks (Porto, NW Portugal). <i>International Journal of Speleology</i> , 2010, 39, 1-14.	1.0	17
25	P-T-Fluid evolution and graphite deposition during retrograde metamorphism in Ribeira Fold Belt, SE Brazil: Oxygen fugacity, fluid inclusions and C- ¹³ / ₁₂ H isotopic evidence. <i>Journal of South American Earth Sciences</i> , 2011, 31, 93-109.	1.4	12
26	Prograde epizonal clay mineral assemblages and retrograde alteration in tectonic basins controlled by major strike-slip zones (W Iberian Variscan chain). <i>Clay Minerals</i> , 2007, 42, 109-128.	0.6	10
27	The Odivelas Limestone: evidence for a Middle Devonian reef system in western Ossa-Morena Zone (Portugal). <i>Geologica Carpathica</i> , 2009, 60, 121-137.	0.7	10
28	Geodynamic evolution of the South Variscan Iberian Suture as recorded by mineral transformations. <i>Geodinamica Acta</i> , 2002, 15, 45-61.	2.2	9
29	Garnet-biotite diffusion mechanisms in complex high-grade orogenic belts: Understanding and constraining petrological cooling rates in granulites from Ribeira Fold Belt (SE Brazil). <i>Journal of South American Earth Sciences</i> , 2014, 56, 128-138.	1.4	7
30	A geotraverse through the south and central sectors of the Ossa-Morena zone in Portugal (Iberian)	0.0	7
31	Stratigraphy and palynology of the Pennsylvanian continental Buçaco Basin (NW Iberia). <i>Geobios</i> , 2018, 51, 507-516.	1.4	5
32	Late Cenozoic Basin Opening in Relation to Major Strike-Slip Faulting Along the Porto-Coimbra-Tomar Fault Zone (Northern Portugal). , 0, , 137-153.		2
33	Transected folds with opposite patterns in Terena Formation (Ossa Morena Zone, Portugal): anomalous structures resulting from sedimentary basin anisotropies. <i>Geodinamica Acta</i> , 2009, 22, 157-163.	2.2	2
34	2D and 3D resistivity tomography of the Suãmo garnet-bearing dyke, Lisbon Volcanic Complex, Portugal: a case study. <i>Journal of Geophysics and Engineering</i> , 2013, 10, 035013.	1.4	2
35	Geochemical Considerations from the Carboniferous Unconventional Petroleum System of SW Iberia. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 811.	2.0	2
36	Prasinophyte bloom and putative fungi abundance near the KaÅk event (Middle Devonian) from the Odivelas Limestone, Southwest Iberia. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2020, 100, 593-603.	1.5	1

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37	Reply to comment by M. Francisco Pereira et al. on "Geodynamic evolution of the SW Europe Variscides". Tectonics, 2009, 28, .	2.8	0
38	Role of high mountain areas in catchment hydromineral resources " Northern/Central Portugal: environmental issues. WIT Transactions on Ecology and the Environment, 2008, , .	0.0	0