

M Francisco Pereira

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,775
citations

147801

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51
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89
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89
docs citations

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times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Variscan intracrustal recycling by melting of Carboniferous arc-like igneous protoliths (Álvora) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	3.3	8
2	The unique Cambro-Ordovician silicic large igneous province of NW Gondwana: Catastrophic melting of a thinned crust. <i>Gondwana Research</i> , 2022, 106, 164-173.	6.0	5
3	Ordovician tectonics and crustal evolution at the Gondwana margin (Central Iberian Zone). <i>Journal of the Geological Society</i> , 2022, 179, .	2.1	6
4	Changing Carboniferous Arc Magmatism in the Ossa-Morena Zone (Southwest Iberia): Implications for the Variscan Belt. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 597.	2.0	4
5	Geochronological evidence of Cambrian Series 2 calc-alkaline plutonism in the Paleozoic Western High Atlas (Moroccan Meseta). <i>Journal of African Earth Sciences</i> , 2022, 194, 104611.	2.0	2
6	A unique blueschist facies metapelite with Mg-rich chloritoid from the Badajoz-Córdoba Unit (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	10
7	Isotope geochemistry evidence for Laurussian-type sources of South Portuguese Zone Carboniferous turbidites (Variscan Orogeny). <i>Geological Society Special Publication</i> , 2021, 503, 619-642.	1.3	12
8	Detrital zircon provenance of Triassic sandstone of the Algarve Basin (SW Iberia): evidence of Gondwanan- and Laurussian-type sources of sediment. <i>Geological Magazine</i> , 2021, 158, 311-329.	1.5	4
9	Whole-rock and Sm ¹⁴⁷ /Nd isotopic geochemistry of Triassic SW Iberia sandstones: implications for provenance. <i>Journal of Iberian Geology</i> , 2021, 47, 189-207.	1.3	0
10	Revisiting the Intermediate Sediment Repository Concept Applied to the Provenance of Zircon. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 233.	2.0	7
11	Tracking the Late Devonian high-P metamorphic belt in the Variscan Orogen: New constraints on the PT evolution of eclogites from the Cubito-Moura Unit (SW Iberian Massif). <i>Lithos</i> , 2021, 386-387, 106015.	1.4	4
12	Geochemical and isotopic (Sm Nd) provenance of Ediacaran-Cambrian metasedimentary series from the Iberian Massif. Paleoreconstruction of the North Gondwana margin. <i>Earth-Science Reviews</i> , 2020, 201, 103079.	9.1	20
13	Chronostratigraphic framework and provenance of the Ossa-Morena Zone Carboniferous basins (southwest Iberia). <i>Solid Earth</i> , 2020, 11, 1291-1312.	2.8	10
14	Ediacaran Obduction of a Forearc Ophiolite in SW Iberia: A Turning Point in the Evolving Geodynamic Setting of Peri-Gondwana. <i>Tectonics</i> , 2019, 38, 95-119.	2.8	26
15	Zircon U-Pb geochronology and geochemistry of Cambrian magmatism in the Coastal Block (Oued) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.0	9
16	Comment on "Stratigraphy of the Northern Pulo do Lobo Domain, SW Iberia Variscides: A palynological contribution" by Zélia Pereira et al. (2018) <i>Geobios</i> 51, 491-506. <i>Geobios</i> , 2019, 55, 103-106.	1.1	2
17	The granite-hosted Variscan gold deposit from Santo António mine in the Iberian Massif (Penedono,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.3	5
18	Comment on Baltic provenance of top-Famennian siliciclastic material of the northern Rhenish Massif, Rhenohercynian zone of the Variscan orogen, by Koltonik et al., <i>International Journal of Earth Sciences</i> (2018) 107:2645-2669. <i>International Journal of Earth Sciences</i> , 2019, 108, 1067-1073.	1.8	3

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19	The Calzadilla Ophiolite (SW Iberia) and the Ediacaran fore-arc evolution of the African margin of Gondwana. <i>Gondwana Research</i> , 2018, 58, 71-86.	6.0	32
20	Multiple Paleozoic magmatic-orogenic events in the Central Extremadura batholith (Iberian Variscan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	16
21	Recycling of the Proterozoic crystalline basement in the Coastal Block (Moroccan Meseta): New insights for understanding the geodynamic evolution of the northern peri-Gondwanan realm. <i>Precambrian Research</i> , 2018, 306, 129-154.	2.7	37
22	S-type granite generation and emplacement during a regional switch from extensional to contractional deformation (Central Iberian Zone, Iberian autochthonous domain, Variscan Orogeny). <i>International Journal of Earth Sciences</i> , 2018, 107, 251-267.	1.8	38
23	Time-space distribution of silicic plutonism in a gneiss dome of the Iberian Variscan Belt: The Ã%ovora Massif (Ossa-Morena Zone, Portugal). <i>Tectonophysics</i> , 2018, 747-748, 298-317.	2.2	30
24	Stratigraphy of the Northern Pulo do Lobo Domain, SW Iberia Variscides: A palynological contribution. <i>Geobios</i> , 2018, 51, 491-506.	1.4	23
25	Provenance of upper Triassic sandstone, southwest Iberia (Alentejo and Algarve basins): tracing variability in the sources. <i>International Journal of Earth Sciences</i> , 2017, 106, 43-57.	1.8	13
26	Birth and demise of the Rhenish Ocean magmatic arc(s): Combined Uâ€Pb and Hf isotope analyses in detrital zircon from SW Iberia siliciclastic strata. <i>Lithos</i> , 2017, 278-281, 383-399.	1.4	51
27	Detrital provenance of the Upper Triassic siliciclastic rocks from southwest Iberia: a review. <i>Journal of Iberian Geology</i> , 2017, 43, 379-393.	1.3	6
28	Uâ€Pb laser ablation ICP-MS zircon dating across the Ediacaranâ€Cambrian transition of the Montagne Noire, southern France. <i>Comptes Rendus - Geoscience</i> , 2017, 349, 380-390.	1.2	16
29	Magnetotelluric Imaging of the Lithosphere Across the Variscan Orogen (Iberian Autochthonous) Tj ETQq1 1 0.784314 rgBT /Overlock 11	2.8	5
30	Geochemistry and tectonostratigraphy of the basal allochthonous units of SW Iberia (Ã%ovora Massif,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	29
31	2017, 268-271, 285-301.		
31	Strike-slip shear zones of the Iberian Massif: Are they coeval?. <i>Lithosphere</i> , 2017, 9, 726-744.	1.4	27
32	Provenance of Holocene beach sand in the Western Iberian margin: the use of the Kolmogorovâ€Smirnov test for the deciphering of sediment recycling in a modern coastal system. <i>Sedimentology</i> , 2016, 63, 1149-1167.	3.1	13
33	Tectonic evolution of Variscan Iberia: Gondwanaâ€Laurussia collision revisited. <i>Earth-Science Reviews</i> , 2016, 162, 269-292.	9.1	94
34	Extensional orogenic collapse captured by strike-slip tectonics: Constraints from structural geology and UPb geochronology of the Pinhel shear zone (Variscan orogen, Iberian Massif). <i>Tectonophysics</i> , 2016, 691, 290-310.	2.2	52
35	Discussion on â€Detrital zircon geochronology of the Carboniferous Baixo Alentejo Flysch Group (South Portugal); constraints on the provenance and geodynamic evolution of the South Portuguese Zoneâ€™, <i>Journal of the Geological Society</i> , 172, 294â€308. <i>Journal of the Geological Society</i> , 2016, 173, 398-400.	2.1	2
36	Tracing the Cambro-Ordovician ferrosilicic to calc-alkaline magmatic association in Iberia by in situ Uâ€Pb SHRIMP zircon geochronology (Gredos massif, Spanish Central System batholith). <i>Tectonophysics</i> , 2016, 681, 95-110.	2.2	21

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37	Evidence for multi-cycle sedimentation and provenance constraints from detrital zircon Uâ€“Pb ages: Triassic strata of the Lusitanian basin (western Iberia). <i>Tectonophysics</i> , 2016, 681, 318-331.	2.2	16
38	Potential sources of Ediacaran strata of Iberia: a review. <i>Geodinamica Acta</i> , 2015, 27, 1-14.	2.2	31
39	Peralkaline and alkaline magmatism of the Ossa-Morena zone (SW Iberia): Age, source, and implications for the Paleozoic evolution of Gondwanan lithosphere. <i>Lithosphere</i> , 2015, 7, 73-90.	1.4	49
40	The multistage crystallization of zircon in calc-alkaline granitoids: Uâ€“Pb age constraints on the timing of Variscan tectonic activity in SW Iberia. <i>International Journal of Earth Sciences</i> , 2015, 104, 1167-1183.	1.8	37
41	Evidence of a Paleoproterozoic basement in the Moroccan Variscan Belt (Rehamna Massif, Western) <i>Tj ETQq1 1 0.784314 rgBT / Over</i>	2.7	44
42	The quartz-dioritic Hospitais intrusion (SW Iberian Massif) and its mafic microgranular enclaves â€“ Evidence for mineral clustering. <i>Lithos</i> , 2015, 224-225, 78-100.	1.4	36
43	The inception of a Paleotethyan magmatic arc in Iberia. <i>Geoscience Frontiers</i> , 2015, 6, 297-306.	8.4	32
44	Zircon geochronology of intrusive rocks from Cap de Creus, Eastern Pyrenees. <i>Geological Magazine</i> , 2014, 151, 1095-1114.	1.5	44
45	Diachronism in the late Neoproterozoicâ€“Cambrian arc-rift transition of North Gondwana: A comparison of Morocco and the Iberian Ossa-Morena Zone. <i>Journal of African Earth Sciences</i> , 2014, 98, 113-132.	2.0	62
46	Deciphering a multi-event in a non-complex set of detrital zircon Uâ€“Pb ages from Carboniferous graywackes of SW Iberia. <i>Chemical Geology</i> , 2014, 378-379, 62-74.	3.3	1
47	Chronological link between deep-seated processes in magma chambers and eruptions: Permo-Carboniferous magmatism in the core of Pangaea (Southern Pyrenees). <i>Gondwana Research</i> , 2014, 25, 290-308.	6.0	86
48	Variability over time in the sources of South Portuguese Zone turbidites: evidence of denudation of different crustal blocks during the assembly of Pangaea. <i>International Journal of Earth Sciences</i> , 2014, 103, 1453-1470.	1.8	36
49	Early Cambrian granitoids of North Gondwana margin in the transition from a convergent setting to intra-continental rifting (Ossa-Morena Zone, SW Iberia). <i>International Journal of Earth Sciences</i> , 2014, 103, 1203-1218.	1.8	42
50	Provenance study of Plioceneâ€“Pleistocene sands based on ancient detrital zircons (Alvalade Basin,) <i>Tj ETQq0 0 0 rgBT / Over</i>	2.1	10
51	Provenance Analysis of the Late Ediacaran Basins from Southwestern Iberia (SÃ©rie Negra Succession) <i>Tj ETQq1 1 0.784314 rgBT / Over</i>	0.3	2
52	Chroniberia: The Ongoing Development of a Geochronological GIS Database of Iberia. <i>Springer Geology</i> , 2014, , 733-736.	0.3	3
53	Provenance Analysis of Lower Palaeozoic Siliciclastic Rocks of Southwestern Iberia (Ossaâ€“Morena) <i>Tj ETQq1 1 0.784314 rgBT / Over</i>	0.3	2
54	Provenance of Cambrianâ€“Ordovician Siliciclastic Rocks of Southwestern Iberia: Insights into the Evolution of the North Gondwana Margin. <i>Springer Geology</i> , 2014, , 753-757.	0.3	0

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55	Deciphering a Multiphase Event in a Noncomplex Set of Detrital Zircon U-Pb Ages. Springer Geology, 2014, , 717-722.	0.3	0
56	The Significance of Changes of Source Areas During Carboniferous Turbiditic Deposition (Southwestern Iberia). Springer Geology, 2014, , 741-745.	0.3	0
57	The role of strain localization in magma injection into a transtensional shear zone (Variscan belt, SW Iberia). Tectonophysics, 2011, 487, 1-14.	2.1	9
58	The provenance of Late Ediacaran and Early Ordovician siliciclastic rocks in the Southwest Central Iberian Zone: Constraints from detrital zircon data on northern Gondwana margin evolution during the late Neoproterozoic. Precambrian Research, 2012, 192-195, 166-189.	2.7	102
59	North-Gondwana assembly, break-up and paleogeography: U-Pb isotope evidence from detrital and igneous zircons of Ediacaran and Cambrian rocks of SW Iberia. Gondwana Research, 2012, 22, 866-881.	6.0	115
60	The missing Rheic Ocean magmatic arcs: Provenance analysis of Late Paleozoic sedimentary clastic rocks of SW Iberia. Gondwana Research, 2012, 22, 882-891.	6.0	85
61	Early carboniferous wrenching, exhumation of high-grade metamorphic rocks and basin instability in SW Iberia: Constraints derived from structural geology and U-Pb and ⁴⁰ Ar- ³⁹ Ar geochronology. Tectonophysics, 2012, 558-559, 28-44.	2.2	64
62	Tracing the Cadomian magmatism with detrital/inherited zircon ages by in-situ U-Pb SHRIMP geochronology (Ossa-Morena Zone, SW Iberian Massif). Lithos, 2011, 123, 204-217.	1.4	82
63	Relative timing of transcurrent displacements in northern Gondwana: U-Pb laser ablation ICP-MS zircon and monazite geochronology of gneisses and sheared granites from the western Iberian Massif (Portugal). Gondwana Research, 2010, 17, 461-481.	6.0	59
64	Exhumation of high-pressure rocks in northern Gondwana during the Early Carboniferous (Coimbra-Cordoba shear zone, SW Iberian Massif): Tectonothermal analysis and U-Th-Pb SHRIMP in-situ zircon geochronology. Gondwana Research, 2010, 17, 440-460.	6.0	51
65	Rift-related volcanism predating the birth of the Rheic Ocean (Ossa-Morena zone, SW Iberia). Gondwana Research, 2010, 17, 392-407.	6.0	105
66	The role of bedding in the formation of fault-fold structures, Portalegre-Esperanza transpressional shear zone, SW Iberia. Geological Journal, 2010, 45, 521-535.	1.3	3
67	Variscan intra-orogenic extensional tectonics in the Ossa-Morena Zone (Ossa-Morena-Aracena-Lora del Ro) Special Publication, 2009, 327, 215-237.	1.3	57
68	Layered granitoids: Interaction between continental crust recycling processes and mantle-derived magmatism. Lithos, 2009, 111, 125-141.	1.4	39
69	Comment on "Geodynamic evolution of the SW Europe Variscides" by Antnio Ribeiro et al.. Tectonics, 2009, 28, .	2.8	6
70	Tectonothermal analysis of high-temperature mylonitization in the Coimbra-Crdoba shear zone (SW Iberia) and its implications for the transport during the amalgamation of Pangea. Tectonophysics, 2008, 461, 378-394.	2.2	27
71	Cambrian ensialic rift-related magmatism in the Ossa-Morena Zone (Ossa-Morena-Aracena metamorphic belt,) Tectonophysics, 2008, 461, 91-113.	2.2	106
72	New insights from U-Pb zircon dating of Early Ordovician magmatism on the northern Gondwana margin: The Urrea Formation (SW Iberian Massif, Portugal). Tectonophysics, 2008, 461, 114-129.	2.2	74

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73	The Cadomian Orogeny and the opening of the Rheic Ocean: The diachrony of geotectonic processes constrained by LA-ICP-MS U ²³⁵ Pb zircon dating (Ossa-Morena and Saxo-Thuringian Zones, Iberian and) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	98
74	Zircon U ²³⁵ Pb geochronology of paragneisses and biotite granites from the SW Iberian Massif (Portugal): evidence for a palaeogeographical link between the Ossa-Morena Ediacaran basins and the West African craton. Geological Society Special Publication, 2008, 297, 385-408.	1.3	38
75	Crustal growth and deformational processes in the northern Gondwana margin: Constraints from the Évora Massif (Ossa-Morena zone, southwest Iberia, Portugal). , 2007, , .		14
76	Understanding Geological Data Distribution and Orientation via Correspondence Analysis. Mathematical Geosciences, 2007, 39, 673-695.	0.9	3
77	Inherited arc signature in Ediacaran and Early Cambrian basins of the Ossa-Morena Zone (Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock Precambrian Research, 2006, 144, 297-315.	2.7	98
78	Development of local orthorhombic fabrics within a simple-shear dominated sinistral transpression zone: the Arronches sheared gneisses (Iberian Massif, Portugal). Geological Society Special Publication, 2004, 224, 215-227.	1.3	4
79	Transcurrent continental tectonics model for the Ossa-Morena Zone Neoproterozoic?Paleozoic evolution, SW Iberian Massif, Portugal. International Journal of Earth Sciences, 2004, 93, 886-896.	1.8	43
80	A new model for the Hercynian Orogen of Gondwanan France and Iberia: discussion. Journal of Structural Geology, 2001, 23, 835-838.	2.3	10
81	Development of a Tourist Route around the Mining Heritage of the Estremoz Anticline. Key Engineering Materials, 0, 548, 348-362.	0.4	2
82	As praias de Sines e o seu legado geológico. , 0, , .		0