M Francisco Pereira

List of Publications by Year
in descending order

82	2,775	147801 31	182427 51
papers	citations	h-index	g-index

89	89	89	1195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Cadomian Orogeny and the opening of the Rheic Ocean: The diacrony of geotectonic processes constrained by LA-ICP-MS Uâ€“Pb zircon dating (Ossa-Morena and Saxo-Thuringian Zones, Iberian and) Tj ETQq1 1 0.784314 rgBT /Ov	2.7	378
2	North-Gondwana assembly, break-up and paleogeography: Uâ€“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
3	Cambrian ensialic rift-related magmatism in the Ossa-Morena Zone (Ã‰vora–Aracena metamorphic belt,) Tj ETQq1 1 0.784314 rgBT / 2008, 461, 91-113.	2.2	106
4	Rift-related volcanism predating the birth of the Rheic Ocean (Ossa-Morena zone, SW Iberia). Gondwana Research, 2010, 17, 392-407.	6.0	105
5	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
6	Inherited arc signature in Ediacaran and Early Cambrian basins of the Ossa-Morena Zone (Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Precambrian Research, 2006, 144, 297-315.	2.7	98
7	Tectonic evolution of Variscan Iberia: Gondwanaâ€“Laurussia collision revisited. Earth-Science Reviews, 2016, 162, 269-292.	9.1	94
8	Chronological link between deep-seated processes in magma chambers and eruptions: Permo-Carboniferous magmatism in the core of Pangaea (Southern Pyrenees). Gondwana Research, 2014, 25, 290-308.	6.0	86
9	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
10	Tracing the Cadomian magmatism with detrital/inherited zircon ages by in-situ Uâ€“Pb SHRIMP geochronology (Ossa-Morena Zone, SW Iberian Massif). Lithos, 2011, 123, 204-217.	1.4	82
11	New insights from Uâ€“Pb zircon dating of Early Ordovician magmatism on the northern Gondwana margin: The Urra Formation (SW Iberian Massif, Portugal). Tectonophysics, 2008, 461, 114-129.	2.2	74
12	Early carboniferous wrenching, exhumation of high-grade metamorphic rocks and basin instability in SW Iberia: Constraints derived from structural geology and Uâ€“Pb and 40Arâ€“39Ar geochronology. Tectonophysics, 2012, 558-559, 28-44.	2.2	64
13	Diachronism in the late Neoproterozoicâ€“Cambrian arc-rift transition of North Gondwana: A comparison of Morocco and the Iberian Ossa-Morena Zone. Journal of African Earth Sciences, 2014, 98, 113-132.	2.0	62
14	Relative timing of transcurrent displacements in northern Gondwana: Uâ€“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
15	Variscan intra-orogenic extensional tectonics in the Ossa-Morena Zone (Ã‰vora-Aracena-Lora del RÄ±o) Tj ETQq1 1 0.784314 rgBT / Special Publication, 2009, 327, 215-237.	1.3	57
16	Extensional orogenic collapse captured by strike-slip tectonics: Constraints from structural geology and UPb geochronology of the Pinhel shear zone (Variscan orogen, Iberian Massif). Tectonophysics, 2016, 691, 290-310.	2.2	52
17	Exhumation of high-pressure rocks in northern Gondwana during the Early Carboniferours (Coimbraâ€“Cordoba shear zone, SW Iberian Massif): Tectonothermal analysis and Uâ€“Thâ€“Pb SHRIMP in-situ zircon geochronology. Gondwana Research, 2010, 17, 440-460.	6.0	51
18	Birth and demise of the Rheic Ocean magmatic arc(s): Combined Uâ€“Pb and Hf isotope analyses in detrital zircon from SW Iberia siliciclastic strata. Lithos, 2017, 278-281, 383-399.	1.4	51

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19	Peralkaline and alkaline magmatism of the Ossa-Morena zone (SW Iberia): Age, source, and implications for the Paleozoic evolution of Gondwanan lithosphere. Lithosphere, 2015, 7, 73-90.	1.4	49
20	Zircon geochronology of intrusive rocks from Cap de Creus, Eastern Pyrenees. Geological Magazine, 2014, 151, 1095-1114.	1.5	44
21	Evidence of a Paleoproterozoic basement in the Moroccan Variscan Belt (Rehamna Massif, Western) Tj ETQq1 1 0.784314 rgBT /Over	2.7	44
22	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
23	Early Cambrian granitoids of North Gondwana margin in the transition from a convergent setting to intra-continental rifting (Ossa-Morena Zone, SW Iberia). International Journal of Earth Sciences, 2014, 103, 1203-1218.	1.8	42
24	Layered granitoids: Interaction between continental crust recycling processes and mantle-derived magmatism. Lithos, 2009, 111, 125-141.	1.4	39
25	Zircon Uâ€“Pb geochronology of paragneisses and biotite granites from the SW Iberian Massif (Portugal): evidence for a palaeogeographical link between the Ossaâ€“Morena Ediacaran basins and the West African craton. Geological Society Special Publication, 2008, 297, 385-408.	1.3	38
26	S-type granite generation and emplacement during a regional switch from extensional to contractional deformation (Central Iberian Zone, Iberian autochthonous domain, Variscan Orogeny). International Journal of Earth Sciences, 2018, 107, 251-267.	1.8	38
27	The multistage crystallization of zircon in calc-alkaline granitoids: Uâ€“Pb age constraints on the timing of Variscan tectonic activity in SW Iberia. International Journal of Earth Sciences, 2015, 104, 1167-1183.	1.8	37
28	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. Precambrian Research, 2018, 306, 129-154.	2.7	37
29	Variability over time in the sources of South Portuguese Zone turbidites: evidence of denudation of different crustal blocks during the assembly of Pangaea. International Journal of Earth Sciences, 2014, 103, 1453-1470.	1.8	36
30	The quartz-dioritic Hospitais intrusion (SW Iberian Massif) and its mafic microgranular enclaves â€” Evidence for mineral clustering. Lithos, 2015, 224-225, 78-100.	1.4	36
31	The inception of a Paleotethyan magmatic arc in Iberia. Geoscience Frontiers, 2015, 6, 297-306.	8.4	32
32	The Calzadilla Ophiolite (SW Iberia) and the Ediacaran fore-arc evolution of the African margin of Gondwana. Gondwana Research, 2018, 58, 71-86.	6.0	32
33	Potential sources of Ediacaran strata of Iberia: a review. Geodinamica Acta, 2015, 27, 1-14.	2.2	31
34	Time-space distribution of silicic plutonism in a gneiss dome of the Iberian Variscan Belt: The Ã‰vora Massif (Ossa-Morena Zone, Portugal). Tectonophysics, 2018, 747-748, 298-317.	2.2	30
35	Geochemistry and tectonostratigraphy of the basal allochthonous units of SW Iberia (Ã‰vora Massif,) Tj ETQq1 1 0.784314 rgBT /Ov 2017, 268-271, 285-301.	1.4	29
36	Tectonothermal analysis of high-temperature mylonitization in the Coimbraâ€“CÃ³rdoba shear zone (SW) Tj ETQq0 0 0 rgBT /Overlock transport during the amalgamation of Pangea. Tectonophysics, 2008, 461, 378-394.	2.2	27

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37	Strike-slip shear zones of the Iberian Massif: Are they coeval?. Lithosphere, 2017, 9, 726-744.	1.4	27
38	Ediacaran Obduction of a Foreâ€Arc Ophiolite in SW Iberia: A Turning Point in the Evolving Geodynamic Setting of Periâ€Gondwana. Tectonics, 2019, 38, 95-119.	2.8	26
39	Stratigraphy of the Northern Pulo do Lobo Domain, SW Iberia Variscides: A palynological contribution. Geobios, 2018, 51, 491-506.	1.4	23
40	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). Tectonophysics, 2016, 681, 95-110.	2.2	21
41	Geochemical and isotopic (Sm Nd) provenance of Ediacaran-Cambrian metasedimentary series from the Iberian Massif. Paleoreconstruction of the North Gondwana margin. Earth-Science Reviews, 2020, 201, 103079.	9.1	20
42	Evidence for multi-cycle sedimentation and provenance constraints from detrital zircon Uâ€“Pb ages: Triassic strata of the Lusitanian basin (western Iberia). Tectonophysics, 2016, 681, 318-331.	2.2	16
43	Uâ€“Pb laser ablation ICP-MS zircon dating across the Ediacaranâ€“Cambrian transition of the Montagne Noire, southern France. Comptes Rendus - Geoscience, 2017, 349, 380-390.	1.2	16
44	Multiple Paleozoic magmatic-orogenic events in the Central Extremadura batholith (Iberian Variscan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.3	16
45	Crustal growth and deformational processes in the northern Gondwana margin: Constraints from the Èlvora Massif (Ossa-Morena zone, southwest Iberia, Portugal). , 2007, , .		14
46	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. Sedimentology, 2016, 63, 1149-1167.	3.1	13
47	Provenance of upper Triassic sandstone, southwest Iberia (Alentejo and Algarve basins): tracing variability in the sources. International Journal of Earth Sciences, 2017, 106, 43-57.	1.8	13
48	Isotope geochemistry evidence for Laurussian-type sources of South Portuguese Zone Carboniferous turbidites (Variscan Orogeny). Geological Society Special Publication, 2021, 503, 619-642.	1.3	12
49	A new model for the Hercynian Orogen of Gondwanan France and Iberia: discussion. Journal of Structural Geology, 2001, 23, 835-838.	2.3	10
50	A unique blueschist facies metapelite with Mg-rich chloritoid from the Badajoz-CÃ³rdoba Unit (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 International Geology Review, 2021, 63, 1634-1657.	2.1	10
51	Chronostratigraphic framework and provenance of the Ossa-Morena Zone Carboniferous basins (southwest Iberia). Solid Earth, 2020, 11, 1291-1312.	2.8	10
52	The role of strain localization in magma injection into a transtensional shear zone (Variscan belt, SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	9
53	Provenance study of Plioceneâ€“Pleistocene sands based on ancient detrital zircons (Alvalade Basin,) Tj ETQq1 1 0.784314 rgBT /Ove	2.1	9
54	Zircon U-Pb geochronology and geochemistry of Cambrian magmatism in the Coastal Block (Oued) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 North-Gondwana. Journal of African Earth Sciences, 2019, 160, 103598.	2.0	9

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55	Variscan intracrustal recycling by melting of Carboniferous arc-like igneous protoliths (Ã‰vora) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	8
56	Revisiting the Intermediate Sediment Repository Concept Applied to the Provenance of Zircon. Minerals (Basel, Switzerland), 2021, 11, 233.	2.0	7
57	Comment on â€œGeodynamic evolution of the SW Europe Variscidesâ€•by AntÃ³nio Ribeiro et al.. Tectonics, 2009, 28, .	2.8	6
58	Detrital provenance of the Upper Triassic siliciclastic rocks from southwest Iberia: a review. Journal of Iberian Geology, 2017, 43, 379-393.	1.3	6
59	Ordovician tectonics and crustal evolution at the Gondwana margin (Central Iberian Zone). Journal of the Geological Society, 2022, 179, .	2.1	6
60	Magnetotelluric Imaging of the Lithosphere Across the Variscan Orogen (Iberian Autochthonous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5	2.8	5
61	The granite-hosted Variscan gold deposit from Santo AntÃ³nio mine in the Iberian Massif (Penedono,) Tj ETQq1 1 0.784314 rgBT /Ove Journal of Iberian Geology, 2019, 45, 443-469.	1.3	5
62	The unique Cambro-Ordovician silicic large igneous province of NW Gondwana: Catastrophic melting of a thinned crust. Gondwana Research, 2022, 106, 164-173.	6.0	5
63	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
64	Detrital zircon provenance of Triassic sandstone of the Algarve Basin (SW Iberia): evidence of Gondwanan- and Laurussian-type sources of sediment. Geological Magazine, 2021, 158, 311-329.	1.5	4
65	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). Lithos, 2021, 386-387, 106015.	1.4	4
66	Changing Carboniferous Arc Magmatism in the Ossa-Morena Zone (Southwest Iberia): Implications for the Variscan Belt. Minerals (Basel, Switzerland), 2022, 12, 597.	2.0	4
67	Understanding Geological Data Distribution and Orientation via Correspondence Analysis. Mathematical Geosciences, 2007, 39, 673-695.	0.9	3
68	The role of bedding in the formation of faultâ€“fold structures, Portalegreâ€EsperanÃ§a transpressional shear zone, SW Iberia. Geological Journal, 2010, 45, 521-535.	1.3	3
69	Comment on Baltic provenance of top-Famennian siliciclastic material of the northern Rhenish Massif, Rhenohercynian zone of the Variscan orogen, by Koltonik et al., International Journal of Earth Sciences (2018) 107:2645â€“2669. International Journal of Earth Sciences, 2019, 108, 1067-1073.	1.8	3
70	Chroniberia: The Ongoing Development of a Geochronological GIS Database of Iberia. Springer Geology, 2014, , 733-736.	0.3	3
71	Development of a Tourist Route around the Mining Heritage of the Estremoz Anticline. Key Engineering Materials, 0, 548, 348-362.	0.4	2
72	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€™, Journal of the Geological Society, 172, 294â€“308. Journal of the Geological Society, 2016, 173, 398-400.	2.1	2

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73	Comment on â€œStratigraphy of the Northern Pulo do Lobo Domain, SW Iberia Variscides: A palynological contributionâ€•by ZÃ©lia Pereira et al. (2018)Ââ€“ÂGeobios 51, 491â€“506. Geobios, 2019, 55, 103-106.	1.4	2
74	Provenance Analysis of the Late Ediacaran Basins from Southwestern Iberia (SÃ©rie Negra Succession) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.3	2
75	Provenance Analysis of Lower Palaeozoic Siliciclastic Rocks of Southwestern Iberia (Ossaâ€“Morena) Tj ETQq1 1 0.784314 rgBT /Over 747-751.	0.3	2
76	Geochronological evidence of Cambrian Series 2 calc-alkaline plutonism in the Paleozoic Western High Atlas (Moroccan Meseta). Journal of African Earth Sciences, 2022, 194, 104611.	2.0	2
77	Deciphering a multi-event in a non-complex set of detrital zircon Uâ€“Pb ages from Carboniferous graywackes of SW Iberia. Chemical Geology, 2014, 378-379, 62-74.	3.3	1
78	Whole-rock and Smâ€“Nd isotopic geochemistry of Triassic SW Iberia sandstones: implications for provenance. Journal of Iberian Geology, 2021, 47, 189-207.	1.3	0
79	As praias de Sines e o seu legado geolÃ³gico. , 0, , .		0
80	Provenance of Cambrianâ€“Ordovician Siliciclastic Rocks of Southwestern Iberia: Insights into the Evolution of the North Gondwana Margin. Springer Geology, 2014, , 753-757.	0.3	0
81	Deciphering a Multipeak Event in a Noncomplex Set of Detrital Zircon Uâ€“Pb Ages. Springer Geology, 2014, , 717-722.	0.3	0
82	The Significance of Changes of Source Areas During Carboniferous Turbiditic Deposition (Southwestern Iberia). Springer Geology, 2014, , 741-745.	0.3	0