Fernando Noronha

List of Publications by Year
in descending order

78 papers	1,457 citations	279798 23 h-index	361022 35 g-index
85 all docs	85 docs citations	85 times ranked	1407 citing authors

#	Article	IF	Citations
1	Micro-Raman spectroscopy of collotelinite, fusinite and macrinite. International Journal of Coal Geology, 2010, 83, 415-422.	5.0	139
2	Multistage Growth of a Rare-Element, Volatile-Rich Microgranite at Argemela (Portugal). Journal of Petrology, 1996, 37, 73-94.	2.8	81
3	Raman spectroscopy of coal macerals and fluidized bed char morphotypes. Fuel, 2012, 97, 443-449.	6.4	80
4	P-T-X conditions of late Hercynian fluid penetration and the origin of granite-hosted gold quartz veins in northwestern Iberia: A multidisciplinary study of fluid inclusions and their chemistry. Geochimica Et Cosmochimica Acta, 1996, 60, 43-57.	3.9	59
5	Characterization of fly ash from a power plant and surroundings by micro-Raman spectroscopy. International Journal of Coal Geology, 2008, 73, 359-370.	5.0	56
6	Characterization and timing of the different types of fluids present in the barren and ore-veins of the W-Sn deposit of Panasqueira, Central Portugal. Mineralium Deposita, 1992, 27, 72.	4.1	55
7	The Oued MellÃ¨gue: Mining activity, stream sediments and dispersion of base metals in natural environments, North-western Tunisia. Journal of Geochemical Exploration, 2009, 102, 27-36.	3.2	53
8	Heavy elements in the phosphorite from Kalaat Khasba mine (North-western Tunisia): Potential implications on the environment and human health. Journal of Hazardous Materials, 2010, 182, 232-245.	12.4	45
9	SPODUMENE PETALITE EUCRYPTITE: MUTUAL RELATIONSHIPS AND PATTERN OF ALTERATION IN Li-RICH APLITE PEGMATITE DYKES FROM NORTHERN PORTUGAL. Canadian Mineralogist, 2001, 39, 729-746.	1.0	42
10	Microscopic analysis of alkaliâ€“aggregate reaction products in a 50-year-old concrete. Materials Characterization, 2004, 53, 295-306.	4.4	42
11	Genesis and emplacement of felsic Variscan plutons within a deep crustal lineation, the Penacova-RÃ©gua-VerÃn fault: An integrated geophysics and geochemical study (NW Iberian Peninsula). Lithos, 2009, 111, 142-155.	1.4	39
12	A three stage fluid flow model for Variscan gold metallogenesis in northern Portugal. Journal of Geochemical Exploration, 2000, 71, 209-224.	3.2	36
13	Characterisation of dispersed organic matter from lower Palaeozoic metasedimentary rocks by organic petrography, X-ray diffraction and micro-Raman spectroscopy analyses. International Journal of Coal Geology, 2005, 62, 237-249.	5.0	33
14	Identification of acid attack on concrete of a sewage system. Materials and Structures/Materiaux Et Constructions, 2012, 45, 337-350.	3.1	32
15	Mineralogy and geochemistry of mill tailings impoundments from Algares (Aljustrel), Portugal: Implications for acid sulfate mine waters formation. Journal of Geochemical Exploration, 2006, 88, 1-5.	3.2	30
16	Characterisation of particulate matter on airborne pollen grains. Environmental Pollution, 2015, 206, 7-16.	7.5	30
17	Comparison between urban and rural pollen of Chenopodium alba and characterization of adhered pollutant aerosol particles. Journal of Aerosol Science, 2009, 40, 81-86.	3.8	29
18	Magmatic structures and kinematics emplacement of the Variscan granites from Central Portugal (Serra da Estrela and Castro Daire areas). Journal of Structural Geology, 2010, 32, 1450-1465.	2.3	29

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19	Mechanics of thick-skinned Variscan overprinting of Cadomian basement (Iberian Variscides). Comptes Rendus - Geoscience, 2009, 341, 127-139.	1.2	27
20	Characterization of soils from the Algarve region (Portugal): A multidisciplinary approach for forensic applications. Science and Justice - Journal of the Forensic Science Society, 2011, 51, 77-82.	2.1	26
21	Emplacement of the Lavadores granite (NW Portugal): U/Pb and AMS results. Comptes Rendus - Geoscience, 2011, 343, 387-396.	1.2	24
22	Assessment of the potential reactivity of granitic rocks â€" Petrography and expansion tests. Cement and Concrete Research, 2016, 86, 63-77.	11.0	24
23	Lithium zonation in white micas from the Argemela microgranite (central Portugal): an in-situ ion-, electron-microprobe and spectroscopic investigation. European Journal of Mineralogy, 1995, 7, 335-352.	1.3	24
24	Quantitative colour analysis of beach and dune sediments for forensic applications: A Portuguese example. Forensic Science International, 2009, 190, 42-51.	2.2	23
25	Alteration of spodumene to cookeite and its pressure and temperature stability conditions in Li-bearing aplite-pegmatites from northern Portugal. Clays and Clay Minerals, 2007, 55, 295-310.	1.3	22
26	GEOCHEMICAL FRACTIONATION OF Nb-Ta OXIDES IN Li-BEARING PEGMATITES FROM THE BARROSO-ALVAO PEGMATITE FIELD, NORTHERN PORTUGAL. Canadian Mineralogist, 2011, 49, 777-791.	1.0	22
27	Raman Microspectroscopy of Genuine and Fake Euro Banknotes. Spectroscopy Letters, 2013, 46, 569-576.	1.0	21
28	Late-Variscan emplacement and genesis of the Vieira do Minho composite pluton, Central Iberian Zone: Constraints from Uâ€"Pb zircon geochronology, AMS data and Srâ€"Ndâ€"O isotope geochemistry. Lithos, 2013, 162-163, 221-235.	1.4	20
29	Examination of the concrete from an old Portuguese dam: Texture and composition of alkaliâ€"silica gel. Materials Characterization, 2007, 58, 1160-1170.	4.4	18
30	Hercynian Acid Magmatism and Related Mineralizations in Northern Portugal. Gondwana Research, 2002, 5, 423-434.	6.0	17
31	Quantitative Determination of Gaseous Phase Compositions in Fluid Inclusions by Raman Microspectrometry. Spectroscopy Letters, 2012, 45, 156-160.	1.0	16
32	Fluids and Variscan Metallogenesis in Granite Related Systems in Portugal. Procedia Earth and Planetary Science, 2017, 17, 1-4.	0.6	14
33	Bassin d'oued Serrat : terrils et rejets domestiques, reconnaissance des mÃ©taux lourds et polluants, impact sur les eaux souterraines (nord-ouest de la Tunisie). Revue Des Sciences De L'Eau, 0, 24, 159-175.	0.2	13
34	Pâ€"T-Fluid evolution and graphite deposition during retrograde metamorphism in Ribeira Fold Belt, SE Brazil: Oxygen fugacity, fluid inclusions and Câ€"Oâ€"H isotopic evidence. Journal of South American Earth Sciences, 2011, 31, 93-109.	1.4	12
35	Factor analysis characterization of minor element contents in sulfides from Pbâ€"Znâ€"Cuâ€"Ag hydrothermal vein deposits in Portugal. Ore Geology Reviews, 2014, 62, 54-71.	2.7	12
36	Evolution of fluids associated with metasedimentary sequences from Chaves (North Portugal). Chemical Geology, 2002, 190, 273-289.	3.3	11

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37	Organic matter characterization of sediments in two river beaches from northern Portugal for forensic application. Forensic Science International, 2013, 233, 403-415.	2.2	11
38	Emplacement mechanism of Caria-Vila da Ponte Pluton (Northern Portugal): Building and internal magmatic record. Journal of Structural Geology, 2019, 124, 91-111.	2.3	10
39	Exhumation history of the Variscan orogen in western Iberia as inferred from new K-Ar and 40Ar/39Ar data on granites from Portugal. Tectonophysics, 2021, 812, 228863.	2.2	9
40	The AlvarrÃµes-GonÃ§alo Li project: an example of sustainable lithium mining. Advances in Geosciences, 0, 45, 1-5.	12.0	9
41	Effet auto-Ã©purateur de la lithologie des affleurements gÃ©ologiques dans un climat semi-aride: cas du bassin versant de l'Oued MellÃ¨gue (Nord-Ouest de la Tunisie). Hydrological Sciences Journal, 2013, 58, 686-705.	2.6	8
42	Fe-, Fe,Mn- and Fe,Mg-chlorite: a genetic linkage to W, (Cu,Mo) mineralization in the magmatic-hydrothermal system at Borralha, northern Portugal. Mineralogical Magazine, 2018, 82, S259-S279.	1.4	8
43	Alkaliâ€“silica reactivity of some common rock types. A global petrographic atlas. Quarterly Journal of Engineering Geology and Hydrogeology, 2013, 46, 215-220.	1.4	7
44	Multidisciplinary study of the quaternary deposits of the Vila Nova de Gaia, NW Portugal, and its climate significance. Journal of Iberian Geology, 2019, 45, 553-563.	1.3	7
45	Geochemical analysis of sediment samples for forensic purposes: characterisation of two river beaches from the Douro River, Portugal. Australian Journal of Forensic Sciences, 2020, 52, 222-234.	1.2	7
46	Unraveling the emplacement history of a Portuguese post-tectonic Variscan pluton using magnetic fabrics and gravimetry. Journal of Structural Geology, 2021, 153, 104470.	2.3	7
47	Supergene gold enrichment in the Castromil-Serra da Quinta gold deposit, NW Portugal. Mineralogical Magazine, 2018, 82, S307-S320.	1.4	6
48	Fluid inclusion and (S, C, O, Pb) isotope study of Pb-Zn-(Cu-Ag) hydrothermal veins from Central and Northern Portugal â€“ Metallogenic implications. Ore Geology Reviews, 2019, 112, 103043.	2.7	6
49	Tungsten mineralization associated with the Argemela microgranite (Central Portugal). Journal of Iberian Geology, 2019, 45, 625-640.	1.3	6
50	Magnetic mineralogy of Variscan granites from northern Portugal: an approach to their petrogenesis and metallogenic potential. Geologica Acta, 0, 18, 1-20.	1.0	6
51	In situ LA-ICP-MS trace element analysis of magnetite as a vector towards mineral exploration: A comparative case study of Fe-skarn deposits from SW Iberia (Ossa-Morena Zone). Journal of Geochemical Exploration, 2022, 234, 106941.	3.2	6
52	Chemistry and FT-IR spectroscopic studies of plants from contaminated mining sites in the Iberian Pyrite Belt, Portugal. Mineralogical Magazine, 2008, 72, 405-409.	1.4	5
53	Paleofluids circulation associated with the GerÃªs late-orogenic granitic massif, northern Portugal. Chemie Der Erde, 2016, 76, 659-676.	2.0	5
54	Geochemical Signature and Magnetic Fabric of Capinha Massif (FundÃ£o, Central Portugal): Genesis, Emplacement and Relation with Wâ€“Sn Mineralizations. Minerals (Basel, Switzerland), 2020, 10, 557.	2.0	5

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55	Petrography and Geochemical Analysis for the Forensic Assessment of Concrete Damage. , 2009, , 163-180.		4
56	"Schist" from TrÃ¡s-os-Montes and Alto Douro (NE of Portugal): Potential Use as Natural Stone. Key Engineering Materials, 2013, 548, 205-211.	0.4	4
57	Characterization of "Xisto" as a Way to Promote its Use as Natural Stone. Key Engineering Materials, 0, 548, 197-204.	0.4	4
58	Geological and palynological characterization of a river beach in Portugal for forensic purposes. Geological Society Special Publication, 2013, 384, 87-95.	1.3	4
59	Building up of a nested granite intrusion: magnetic fabric, gravity modelling and fluid inclusion planes studies in Santa EulÃ¡lia Plutonic Complex (Ossa Morena Zone, Portugal). Geological Magazine, 2015, 152, 648-667.	1.5	4
60	New insights on the Escoural Orogenic gold district (Ossa-Morena Zone, SW Iberia): Geochemistry, fluid inclusions and stable isotope constraints from the Monfurado gold prospect. Ore Geology Reviews, 2022, 142, 104736.	2.7	4
61	Composite-laccolith emplacement of the post-tectonic Vila Pouca de Aguiar granite pluton (northern) Tj ETQq1 1 0.784314 rgBT /Ove		3
62	The potential application of magnetic susceptibility as a technique for soil forensic examinations. Geological Society Special Publication, 2013, 384, 65-73.	1.3	3
63	Multi-Stage Fluid System Responsible for Ore Deposition in the Ossa-Morena Zone (Portugal): Constraints in Cu-Ore Deposits Formation. Geology of Ore Deposits, 2020, 62, 508-534.	0.7	3
64	The Example of the Quartzite from the "Upper Quartzite Formation" from TrÃ¡s-os-Montes and Alto Douro (Northern Portugal); Its Characterization to Use as Natural Stone. Key Engineering Materials, 0, 548, 212-219.	0.4	2
65	Identification of alkali-reactive aggregates: some examples. Proceedings of Institution of Civil Engineers: Construction Materials, 2014, 167, 302-311.	1.1	2
66	The Esmolfe-MatanÃ§a granite (Penalva do Castelo, central Portugal): A keystone to understand the ascent and emplacement of magmas under low tectonic stress. Journal of Structural Geology, 2020, 139, 104143.	2.3	2
67	Geostatistical approach to the study of the magnetic susceptibility variation: Lamas de Olo Pluton case study. Journal of Iberian Geology, 2020, 46, 279-289.	1.3	2
68	Characterization of heavy mineral concentrates and detrital gold particles from the Bigorne granite-hosted gold deposit in the Iberian Variscan Belt. Geological Society Special Publication, 2022, 516, 383-399.	1.3	2
69	Assessing the Magnetic Mineralogy of the Pre-Variscan Manteigas Granodiorite: An Unexpected Case of a Magnetite-Series Granitoid in Portugal. Minerals (Basel, Switzerland), 2022, 12, 440.	2.0	2
70	Characterization of Deleterious Expansive Reactions in Fagilde Dam. Metallography, Microstructure, and Analysis, 2013, 2, 299-312.	1.0	1
71	Integration of different sediment characteristics to discriminate between sources of coastal sediments. Geological Society Special Publication, 2013, 384, 97-108.	1.3	1
72	Assessment of Concrete Aggregate for ASR Potential by Petrography. The Work Developed by RILEM TC-ACS (2007â€“2013). , 2015, , 37-40.		1

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73	Geological setting of the Bigorne gold deposit, Iberian Variscan belt (Northern Portugal) and Au-Bi-Te mineral assemblages as indicators of the ore-forming conditions. Ore Geology Reviews, 2022, 141, 104689.	2.7	1
74	Magnetic fabrics and emplacement mechanisms of ValpaÃ§os and Freixo de NumÃ£o Variscan granites (Northern Portugal). International Journal of Earth Sciences, 2022, 111, 1437-1468.	1.8	1
75	Potential Reactivity to Alkalis of Portuguese Volcanic Aggregates for Concrete. , 2015, , 55-58.		0
76	MAGNETITE AND ILMENITE GRANITES IN THE LAMAS DE OLO PLUTON (NORTH PORTUGAL): PETROPHYSIC AND METALLOGENIC IMPLICATIONS. , 2016, , .		0
77	PETROGRAPHY AND WHOLE-ROCK GEOCHEMISTRY OF VAUGNERITES FROM NW PORTUGAL (CENTRAL) Tj ETQq1 1 0.784314 rgBT /Ov		0
78	Mineralogy, Fluid Inclusions, and Oxygen Isotope Geochemistry Signature of Wolframite to Scheelite and Fe,Mn Chlorite Veins from the W, (Cu,Mo) Ore Deposit of Borralha, Portugal. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.2	1