

Maria Manuela Vinha Guerreiro Silva

List of Publications by Year in descending order

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35
papers

803
citations

430874

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501196

28
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35
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35
docs citations

35
times ranked

950
citing authors

#	ARTICLE	IF	CITATIONS
1	Geochemistry of enclaves and host granites from the Nelas area, central Portugal. <i>Lithos</i> , 2000, 50, 153-170.	1.4	66
2	Geochemical and isotopic constraints on the petrogenesis of Early Ordovician granodiorite and Variscan two-mica granites from the Gouveia area, central Portugal. <i>Lithos</i> , 2009, 111, 186-202.	1.4	65
3	Contaminated water, stream sediments and soils close to the abandoned Pinhal do Souto uranium mine, central Portugal. <i>Journal of Geochemical Exploration</i> , 2014, 136, 102-117.	3.2	61
4	Human predisposition to cognitive impairment and its relation with environmental exposure to potentially toxic elements. <i>Environmental Geochemistry and Health</i> , 2018, 40, 1767-1784.	3.4	55
5	The genesis of I- and S-type granitoid rocks of the Early Ordovician Oledo pluton, Central Iberian Zone (central Portugal). <i>Lithos</i> , 2009, 111, 168-185.	1.4	47
6	Geochemistry of S-type granitic rocks from the reversely zoned Castelo Branco pluton (central Portugal). <i>Journal of Geochemical Exploration</i> , 2014, 136, 102-117.	1.4	44
7	Major, trace and REE geochemistry of recent sediments from lower Catumbela River (Angola). <i>Journal of African Earth Sciences</i> , 2016, 115, 203-217.	2.0	41
8	Transfer processes of potentially toxic elements (PTE) from rocks to soils and the origin of PTE in soils: A case study on the island of Santiago (Cape Verde). <i>Journal of Geochemical Exploration</i> , 2017, 183, 140-151.	3.2	41
9	Heavy metals of Santiago Island (Cape Verde) top soils: Estimated Background Value maps and environmental risk assessment. <i>Journal of African Earth Sciences</i> , 2015, 101, 162-176.	2.0	36
10	The mineralized veins and the impact of old mine workings on the environment at Segura, central Portugal. <i>Chemical Geology</i> , 2002, 190, 417-431.	3.3	26
11	Assessment to the potential mobility and toxicity of metals and metalloids in soils contaminated by old Sb-Au and As-Au mines (NW Portugal). <i>Environmental Earth Sciences</i> , 2012, 65, 1215-1230.	2.7	25
12	Petrogenetic links between lepidolite-subtype aplite-pegmatite, aplite veins and associated granites at Segura (central Portugal). <i>Chemie Der Erde</i> , 2013, 73, 323-341.	2.0	24
13	Environmental Risk Assessment Based on High-Resolution Spatial Maps of Potentially Toxic Elements Sampled on Stream Sediments of Santiago, Cape Verde. <i>Geosciences (Switzerland)</i> , 2014, 4, 297-315.	2.2	24
14	REE and other trace and major elements in the topsoil layer of Santiago island, Cape Verde. <i>Journal of African Earth Sciences</i> , 2012, 64, 20-33.	2.0	23
15	Crystal chemistry of tourmaline from Variscan granites, associated tin-tungsten- and gold deposits, and associated metamorphic and metasomatic rocks from northern Portugal. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2007, 184, 45-76.	0.3	22
16	Geochemistry and behavior of REE in stream sediments close to an old Sn-W mine, Ribeira, Northeast Portugal. <i>Chemie Der Erde</i> , 2014, 74, 545-555.	2.0	20
17	Human health risks in an old gold mining area with circum-neutral drainage, central Portugal. <i>Environmental Geochemistry and Health</i> , 2017, 39, 43-62.	3.4	20
18	Geochemistry of the granites and their minerals from Paredes da Beira-Penedono, northern Portugal. <i>Chemical Geology</i> , 1990, 85, 147-170.	3.3	18

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19	The Cancer and Non-Cancer Risk of Santiago Island (Cape Verde) Population due to Potential Toxic Elements Exposure from Soils. <i>Geosciences (Switzerland)</i> , 2017, 7, 78.	2.2	17
20	A unique sequential melting mechanism for the generation of anatectic granitic rocks from the Penafiel area, northern Portugal. <i>Lithos</i> , 2012, 155, 110-124.	1.4	15
21	Geochemistry of U-bearing minerals from the Vale de Abrutiga uranium mine area, Central Portugal. <i>Neues Jahrbuch Fur Mineralogie, Abhandlungen</i> , 2008, 185, 183-198.	0.3	14
22	Geochemistry of gold quartz vein walls from Jales (northern Portugal). <i>Chemical Geology</i> , 1990, 82, 217-251.	3.3	13
23	Metal and metalloid leaching from tailings into streamwater and sediments in the old Agâ€“Pbâ€“Zn Terramonte mine, northern Portugal. <i>Environmental Earth Sciences</i> , 2014, 71, 2029-2041.	2.7	11
24	Release, Migration, Sorption and (re)precipitation of U During a Granite Alteration under Oxidizing Conditions. <i>Procedia Earth and Planetary Science</i> , 2014, 8, 28-32.	0.6	10
25	Estimated Background Values Maps of Uranium in Santiago Island Topsoil and Stream Sediments. <i>Procedia Earth and Planetary Science</i> , 2014, 8, 23-27.	0.6	9
26	Geochemical comparison of waters and stream sediments close to abandoned Sb-Au and As-Au mining areas, northern Portugal. <i>Chemie Der Erde</i> , 2014, 74, 267-283.	2.0	9
27	Spatial and seasonal variations of surface and groundwater quality in a fast-growing city: Lubango, Angola. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	9
28	Release, Migration, Sorption, and (Re)Precipitation of U during Peraluminous Granite Alteration under Oxidizing Conditions in Central Portugal. <i>Geosciences (Switzerland)</i> , 2018, 8, 95.	2.2	9
29	Geochemistry of soils, stream sediments and waters close to abandoned Wâ€“Auâ€“Sb mines at Sarzedas, Castelo Branco, central Portugal. <i>Geochemistry: Exploration, Environment, Analysis</i> , 2009, 9, 341-352.	0.9	7
30	Isotopic geochronology of granitic rocks from the Central Iberian Zone: comparison of methodologies. <i>Estudios Geologicos</i> , 2010, 66, 45-50.	0.2	6
31	The Precambrian/Lower Cambrian pluton from Vila Nova (Central Portugal). <i>Estudios Geologicos</i> , 2010, 66, 51-56.	0.2	5
32	Seasonal contamination of surface waters close to an abandoned Sn-W mine, northeast Portugal. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	4
33	Geochemistry of subtropical arenosols from Kuito region (Angola). Urbanization effects and environmental implications. <i>Journal of African Earth Sciences</i> , 2021, 183, 104307.	2.0	4
34	Geochemical Modifications in a Calcic Cambisol by the Impact of an Old Foundry (Coimbra, Central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	3
35	Estimated Background Values of Some Harmful Metals in Stream Sediments of Santiago Island (Cape) Tj ETQq1 1 0.784314 rgBT /Overl	0.784314	