Fernando Rocha

List of Publications by Citations

225 papers	3,419 citations	29 h-index	46 g-index
250 ext. papers	3,907 ext. citations	3.1 avg, IF	5.33 L-index

#	Paper	IF	Citations
225	Mineralogical transformations of calcareous rich clays with firing: A comparative study between calcite and dolomite rich clays from Algarve, Portugal. *Applied Clay Science*, **2009**, 42, 345-355	5.2	191
224	The effect of natural zeolite on microstructure, mechanical and heavy metals adsorption properties of metakaolin based geopolymers. *Applied Clay Science*, **2016**, 126, 141-152	5.2	116
223	Composition and technological properties of geopolymers based on metakaolin and red mud. *Materials & Design*, **2013**, 52, 648-654		115
222	Clay minerals from the sedimentary cover from the Northwest Iberian shelf. *Progress in Oceanography*, **2002**, 52, 233-247	3.8	90
221	A multiproxy approach of the Holocene evolution of shelf□slope circulation on the NW Iberian Continental Shelf. *Marine Geology*, **2007**, 239, 1-18	3.3	85
220	Assessment of the health quality of Ria de Aveiro (Portugal): heavy metals and benthic foraminifera. *Marine Pollution Bulletin*, **2013**, 70, 18-33	6.7	83
219	Lead removal from aqueous solutions by a Tunisian smectitic clay. *Journal of Hazardous Materials*, **2008**, 156, 545-51	12.8	74
218	Effect of bentonite characteristics on the elemental composition of wine. *Journal of Agricultural and Food Chemistry*, **2008**, 56, 158-65	5.7	67
217	Effects of sand addition on production of lightweight aggregates from Tunisian smectite-rich clayey rocks. *Applied Clay Science*, **2007**, 35, 228-237	5.2	60
216	Lateglacial and Holocene environmental changes in Portuguese coastal lagoons 1: the sedimentological and geochemical records of the Santo Andr□coastal area. *Holocene*, **2003**, 13, 433-446	2.6	57
215	Fabrication, microstructural and mechanical characterization of Luffa Cylindrical Fibre - Reinforced geopolymer composite. *Applied Clay Science*, **2017**, 143, 125-133	5.2	49
214	Characterisation of roman mortars from Con□mbriga with respect to their repair. *Materials Characterization*, **2007**, 58, 1208-1216	3.9	48
213	Preparation, characterization and application in controlled release of Ibuprofen-loaded Guar Gum/Montmorillonite Bionanocomposites. *Applied Clay Science*, **2017**, 135, 52-63	5.2	46
212	Firing Tests on Clay-Rich Raw Materials from the Algarve Basin (Southern Portugal): Study of Mineral Transformations with Temperature. *Clays and Clay Minerals*, **2010**, 58, 188-204	2.1	46
211	Tracing the late Holocene evolution of the NW Iberian upwelling system. *Marine Micropaleontology*, **2006**, 59, 35-55	1.7	45
210	Geostatistical analysis of the influence of textural, mineralogical and geochemical parameters on the geotechnical behaviour of the □Argilas de Aveiro□Formation (Portugal). *Clay Minerals*, **1999**, 34, 109-116	1.3	44
209	Environmental Quality Assessment of Bizerte Lagoon (Tunisia) Using Living Foraminifera Assemblages and a Multiproxy Approach. *PLoS ONE*, **2015**, 10, e0137250	3.7	41

208	Sedimentary and geochemical characterization and provenance of the Portuguese continental shelf soft-bottom sediments. *Journal of Marine Systems*, **2012**, 91, 41-52	2.7	40
207	An insight into the surface properties of calcined kaolinitic clays: The grinding effect. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2014**, 455, 49-57	5.1	39
206	The Oued Mellègue: Mining activity, stream sediments and dispersion of base metals in natural environments, North-western Tunisia. *Journal of Geochemical Exploration*, **2009**, 102, 27-36	3.8	39
205	Rheological and thermal characterization of peloids made of selected Portuguese geological materials. *Applied Clay Science*, **2011**, 52, 219-227	5.2	36
204	Evaluation of the ecological effects of heavy metals on the assemblages of benthic foraminifera of the canals of Aveiro (Portugal). *Estuarine, Coastal and Shelf Science*, **2010**, 87, 293-304	2.9	35
203	Aqueous Acid Orange 7 dye removal by clay and red mud mixes. *Applied Clay Science*, **2016**, 126, 197-206	5.2	35
202	Sediment and pollutant transport in the Northern Gulf of Cadiz: A multi-proxy approach. *Journal of Marine Systems*, **2007**, 68, 1-23	2.7	33
201	Geochemistry, mineralogy, solid-phase fractionation and oral bioaccessibility of lead in urban soils of Lisbon. *Environmental Geochemistry and Health*, **2014**, 36, 867-81	4.7	32
200	Micronucleus frequency in human umbilical cord lymphocytes. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2005**, 586, 68-75	3	32
199	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). *Journal of Geochemical Exploration*, **2017**, 183, 140-151	3.8	31
198	Urban geochemistry of lead in gardens, playgrounds and schoolyards of Lisbon, Portugal: Assessing exposure and risk to human health. *Applied Geochemistry*, **2014**, 44, 45-53	3.5	31
197	Foraminiferal biotopes and their distribution control in Ria de Aveiro (Portugal): a multiproxy approach. *Environmental Monitoring and Assessment*, **2014**, 186, 8875-97	3.1	30
196	Hydrogeomorphological mapping as a tool in groundwater exploration. *Journal of Maps*, **2013**, 9, 263-273	2.2	29
195	A novel study on the influence of cork waste residue on metakaolin-zeolite based geopolymers. *Applied Clay Science*, **2018**, 152, 196-210	5.2	29
194	Certification and quality criteria of peloids used for therapeutic purposes. *Clay Minerals*, **2012**, 47, 441-451	1.3	28
193	Mine Tailings Geopolymers as a Waste Management Solution for A More Sustainable Habitat. *Sustainability*, **2019**, 11, 995	3.6	27
192	Early diagenesis and clay mineral adsorption as driving factors of metal pollution in sediments: the case of Aveiro Lagoon (Portugal). *Environmental Science and Pollution Research*, **2015**, 22, 10019-33	5.1	27
191	A comprehensive analysis of groundwater resources using GIS and multicriteria tools (Caldas da Cavaca, Central Portugal): environmental issues. *Environmental Earth Sciences*, **2015**, 73, 2699-2715	2.9	27

190	Natural Portuguese clayey materials and derived TiO2-containing composites used for decolouring methylene blue (MB) and orange II (OII) solutions. *Applied Clay Science*, **2013**, 83-84, 91-98	5.2	27
189	Identification and use of white clayey deposits from the area of Tamra (northern Tunisia) as ceramic raw materials. *Clay Minerals*, **2011**, 46, 165-175	1.3	27
188	Preparation and characterization of novel clay/PLA nanocomposites. *Applied Clay Science*, **2015**, 115, 87-96	5.2	26
187	Mercury contamination level and speciation inventory in Lakes Titicaca & Uru-Uru (Bolivia): Current status and future trends. *Environmental Pollution*, **2017**, 231, 262-270	9.3	26
186	Mineralogy and plasticity in clay sediments from north-east Tunisia. *Journal of African Earth Sciences*, **2010**, 57, 41-46	2.2	26
185	Effective removal of anionic and cationic dyes by kaolinite and TiO2/kaolinite composites. *Clay Minerals*, **2016**, 51, 19-27	1.3	25
184	Characterization of Portuguese geological materials to be used in medical hydrology. *Applied Clay Science*, **2011**, 51, 258-266	5.2	25
183	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. *Geobios*, **2003**, 36, 649-663	1.5	25
182	Iron speciation in volcanic topsoils from Fogo island (Cape Verde) Iron oxide nanoparticles and trace elements concentrations. *Catena*, **2014**, 113, 95-106	5.8	24
181	Bromine volatilization during firing of calcareous and non-calcareous clays: Archaeometric implications. *Applied Clay Science*, **2011**, 53, 489-499	5.2	24
180	The sustainability of adobe construction: past to future. *International Journal of Architectural Heritage*, **2019**, 13, 639-647	2.1	24
179	Can benthic foraminifera be used as bio-indicators of pollution in areas with a wide range of physicochemical variability?. *Estuarine, Coastal and Shelf Science*, **2016**, 182, 211-225	2.9	23
178	Eggshell waste to produce building lime: calcium oxide reactivity, industrial, environmental and economic implications. *Materials and Structures/Materiaux Et Constructions*, **2018**, 51, 1	3.4	23
177	Bentonite as a natural additive for lime and lime metakaolin mortars used for restoration of adobe buildings. *Cement and Concrete Composites*, **2015**, 60, 99-110	8.6	22
176	Influence of pH, layer charge location and crystal thickness distribution on U(VI) sorption onto heterogeneous dioctahedral smectite. *Journal of Hazardous Materials*, **2016**, 317, 246-258	12.8	22
175	REE and other trace and major elements in the topsoil layer of Santiago island, Cape Verde. *Journal of African Earth Sciences*, **2012**, 64, 20-33	2.2	21
174	Environmental issues in urban groundwater systems: a multidisciplinary study of the Paranhos and Salgueiros spring waters, Porto (NW Portugal). *Environmental Earth Sciences*, **2010**, 61, 379-392	2.9	21
173	Effect of Portuguese metakaolin on hydraulic lime concrete using different curing conditions. *Construction and Building Materials*, **2010**, 24, 71-78	6.7	21

172	Source and pathway analysis of lead and polycyclic aromatic hydrocarbons in Lisbon urban soils. *Science of the Total Environment*, **2016**, 573, 324-336	10.2	20
171	The potential use of Tithonian–Barremian detrital deposits from central Tunisia as raw materials for ceramic tiles and pigments. *Applied Clay Science*, **2010**, 48, 552-560	5.2	20
170	Fine sepiolite addition to air lime-metakaolin mortars. *Clay Minerals*, **2011**, 46, 621-635	1.3	20
169	Characterizing polygonality in biological structures. *Physical Review E*, **2006**, 73, 011913	2.4	20
168	Origin of reddening in a paleosol buried by lava flows in Fogo island (Cape Verde). *Journal of African Earth Sciences*, **2014**, 96, 60-70	2.2	19
167	Patterns of rare earth and other trace elements in different size fractions of clays of Campanian–Maastrichtian deposits from the Portuguese western margin (Aveiro and Taveiro Formations). *Chemie Der Erde*, **2011**, 71, 337-347	4.3	19
166	Influence of clay minerals addition on mechanical properties of air lime–metakaolin mortars. *Construction and Building Materials*, **2014**, 65, 132-139	6.7	18
165	Assessing the control exerted by soil mineralogy in the fixation of potentially harmful elements in the urban soils of Lisbon, Portugal. *Environmental Earth Sciences*, **2012**, 65, 1133-1145	2.9	18
164	Air lime–metakaolin–sepiolite mortars for earth based walls. *Construction and Building Materials*, **2013**, 44, 133-141	6.7	18
163	Trace metal enrichments in Portuguese submarine canyons and open slope: Anthropogenic impact and links to sedimentary dynamics. *Marine Geology*, **2010**, 271, 72-83	3.3	18
162	Novel thio-kaolinite nanohybrid materials and their application as heavy metal adsorbents in wastewater. *Applied Clay Science*, **2017**, 150, 192-201	5.2	17
161	Conceptualizing a mountain hydrogeologic system by using an integrated groundwater assessment (Serra da Estrela, Central Portugal): a review. *Geosciences Journal*, **2013**, 17, 371-386	1.4	17
160	The response of benthic foraminifera to pollution and environmental stress in Ria de Aveiro (N Portugal). *Journal of Iberian Geology*, **2011**, 37,	1.1	17
159	Mineralogical and physicochemical characterization of selected Portuguese Mesozoic-Cenozoic muddy/clayey raw materials to be potentially used as healing clays. *Clay Minerals*, **2010**, 45, 229-240	1.3	17
158	Recycling Waste Seashells to Produce Calcitic Lime: Characterization and Wet Slaking Reactivity. *Waste and Biomass Valorization*, **2019**, 10, 2397-2414	3.2	17
157	Kinetics of uranyl ions sorption on heterogeneous smectite structure at pH4 and 6 using a continuous stirred flow-through reactor. *Applied Clay Science*, **2016**, 134, 71-82	5.2	16
156	Heavy metals contents on beach and dune sediments from Espinho to Mondego Cape (Portugal)—Influence of human activities. *Journal of Geochemical Exploration*, **2006**, 88, 404-407	3.8	16
155	Urban speleology applied to groundwater and geo-engineering studies: underground topographic surveying of the ancient Arca D'Água galleries catchworks (Porto, NW Portugal). *International Journal of Speleology*, **2010**, 39, 1-14	2	16

154	Environmental Groundwater Vulnerability Assessment in Urban Water Mines (Porto, NW Portugal). *Water (Switzerland)*, **2016**, 8, 499	3	16
153	Geochemical, Mineralogical and Morphological Characterisation of Road Dust and Associated Health Risks. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	15
152	The application of a multi-wavelength Aethalometer to estimate iron dust and black carbon concentrations in the marine boundary layer of Cape Verde. *Atmospheric Environment*, **2014**, 97, 136-143	5.3	15
151	Upper Cretaceous Clayey Levels from Western Portugal (Aveiro and Taveiro Regions): Clay Mineral and Trace-Element Distribution. *Clays and Clay Minerals*, **2011**, 59, 315-327	2.1	15
150	Ceramic tiles based on central Tunisian clays (Sidi Khalif formation). *Clay Minerals*, **2012**, 47, 165-175	1.3	15
149	An investigation into the use of blends of two bentonites for geosynthetic clay liners. *Geotextiles and Geomembranes*, **2008**, 26, 436-445	5.2	15
148	Mineralogy and grain-size distribution of clay-rich rock units of the Algarve Basin (South Portugal). *Clay Minerals*, **2013**, 48, 59-83	1.3	14
147	Production of ceramic bodies from Tunisian Cretaceous clays. *Clay Minerals*, **2012**, 47, 59-68	1.3	14
146	Palaeoenvironmental significance of clay minerals in Upper Cenomanian–Turonian sediments of the Western High Atlas Basin (Morocco). *Clay Minerals*, **2008**, 43, 615-630	1.3	14
145	Diatom assemblages of thermal and mineral waters from volcanic environments in São Miguel Island, Azores. *Diatom Research*, **2013**, 28, 407-417	0.9	13
144	Palaeogeographic controls on palygorskite occurrence in Maastrichtian-Palaeogene sediments of the Western High Atlas and Meseta Basins (Morocco). *Clay Minerals*, **2014**, 49, 595-608	1.3	13
143	Manufacture of Ceramic Bricks Using Recycled Brewing Spent Kieselguhr. *Materials and Manufacturing Processes*, **2011**, 26, 1319-1329	4.1	13
142	Composition and properties of glass obtained from Early Cretaceous Sidi Aich sands (central Tunisia). *Ceramics International*, **2009**, 35, 3229-3234	5.1	13
141	Bentonite from Porto Santo Island, Madeira archipelago: surface properties studied by inverse gas chromatography. *Clay Minerals*, **2010**, 45, 77-86	1.3	13
140	Appearance of the common paper nautilus Argonauta argo related to the increase of the sea surface temperature in the north-eastern Atlantic. *Journal of the Marine Biological Association of the United Kingdom*, **2002**, 82, 855-858	1.1	13
139	Detrital record of the denudation of volcanic islands under sub-tropical climate (Cape Verde). *Chemie Der Erde*, **2019**, 79, 235-246	4.3	12
138	Characterization and evaluation of hydrothermally influenced clayey sediments from Caldeiras da Ribeira Grande fumarolic field (Azores Archipelago, Portugal) used for aesthetic and pelotherapy purposes. *Environmental Earth Sciences*, **2015**, 73, 2833-2842	2.9	12
137	Geochemical fingerprints in topsoils of the volcanic Brava Island, Cape Verde. *Catena*, **2016**, 147, 522-535	5.8	12

136	Influence of the mineralogical composition on the properties of adobe blocks from Aveiro, Portugal. *Clay Minerals*, **2013**, 48, 749-758	1.3	12
135	Palaeoenvironment of the Aveiro region of Portugal during the Cretaceous, based on clay mineralogy. *Cretaceous Research*, **1995**, 16, 187-194	1.8	12
134	Geotourism, Medical Geology and local development: Cape Verde case study. *Journal of African Earth Sciences*, **2014**, 99, 735-742	2.2	11
133	The sources of the glacial IRD in the NW Iberian Continental Margin over the last 40 ka. *Quaternary International*, **2013**, 318, 128-138	2	11
132	Synthetic zeolite pellets incorporated to air lime:metakaolin mortars: Mechanical properties. *Construction and Building Materials*, **2014**, 69, 243-252	6.7	11
131	Relationships between magnetic parameters, chemical composition and clay minerals of topsoils near Coimbra, central Portugal. *Natural Hazards and Earth System Sciences*, **2012**, 12, 2545-2555	3.9	11
130	Spent Brewery Grains for Improvement of Thermal Insulation of Ceramic Bricks. *Journal of Materials in Civil Engineering*, **2013**, 25, 1638-1646	3	11
129	Holocene record of productivity in the NW Iberian continental shelf. *Journal of Geochemical Exploration*, **2006**, 88, 408-411	3.8	11
128	Geopolymers and polymers in the conservation of tile facades. *Construction and Building Materials*, **2019**, 197, 175-184	6.7	11
127	Production of silica gel from Tunisian sands and its adsorptive properties. *Journal of African Earth Sciences*, **2017**, 130, 238-251	2.2	10
126	Characterization of Portuguese thermo-mineral waters to be applied in peloids maturation. *Environmental Earth Sciences*, **2015**, 73, 2843-2862	2.9	10
125	BACKGROUND CONCENTRATIONS OF CHEMICAL ELEMENTS IN SEPETIBA BAY (SE BRAZIL). *Journal of Sedimentary Environments*, **2019**, 4, 108-123	1.4	10
124	Palygorskite as an admixture to air lime:metakaolin mortars for restoration purposes. *Applied Clay Science*, **2013**, 83-84, 368-374	5.2	10
123	Liquid limit determination of clayey material by Casagrande method, fall cone test and EBS parameter. *Materials Technology*, **2014**, 29, B82-B87	2.1	10
122	Study of Zn-Pb ore tailings and their potential in cement technology. *Journal of African Earth Sciences*, **2018**, 139, 165-172	2.2	10
121	Assessment of properties of metakaolin-based geopolymers applied in the conservation of tile facades. *Construction and Building Materials*, **2020**, 259, 119759	6.7	9
120	FORAMINIFERA CHECK LIST AND THE MAIN SPECIES DISTRIBUTION IN THE AVEIRO LAGOON AND ADJACENT CONTINENTAL SHELF (PORTUGAL). *Journal of Sedimentary Environments*, **2019**, 4, 1-52	1.4	9
119	Statistical evaluation of elemental concentrations in shallow-marine deposits (Cretaceous, Lusitanian Basin). *Marine and Petroleum Geology*, **2017**, 86, 1029-1046	4.7	9

118	Novel Inorganic Products Based on Industrial Wastes. *Waste and Biomass Valorization*, **2014**, 5, 385-392	3.2	9
117	Ecological quality status of the NE sector of the Guanabara Bay (Brazil): A case of living benthic foraminiferal resilience. *Marine Pollution Bulletin*, **2020**, 158, 111449	6.7	9
116	Source apportionment of atmospheric aerosol in a marine dusty environment by ionic/composition mass balance (IMB). *Atmospheric Chemistry and Physics*, **2018**, 18, 13215-13230	6.8	9
115	Characterization of rammed-earth materials from the XVIth century Badii Palace in Marrakech, Morocco to ensure authentic and reliable restoration. *Geoarchaeology - an International Journal*, **2018**, 33, 529-541	1.4	8
114	Study of an aplite dyke from the Beira uraniferous province in Fornos de Algodres area (Central Portugal): Trace elements distribution and evaluation of natural radionuclides. *Applied Geochemistry*, **2014**, 44, 111-120	3.5	8
113	Abrasiveness index of dispersions of Portuguese clays using the Einlehner method: influence of clay parameters. *Clay Minerals*, **2014**, 49, 27-34	1.3	8
112	Sedimentary processes on the NW Iberian Continental Shelf since the Little Ice Age. *Estuarine, Coastal and Shelf Science*, **2012**, 102-103, 48-59	2.9	8
111	Lagoa da Apúia: A residual lagoon from the Late Holocene (NW coastal zone of Portugal). *Quaternary International*, **2010**, 221, 46-57	2	8
110	The Odivelas Limestone: evidence for a Middle Devonian reef system in western Ossa-Morena Zone (Portugal). *Geologica Carpathica*, **2009**, 60, 121-137	1.4	8
109	Prograde epizonal clay mineral assemblages and retrograde alteration in tectonic basins controlled by major strike-slip zones (W Iberian Variscan chain). *Clay Minerals*, **2007**, 42, 109-128	1.3	8
108	Geochemical characterization of surficial sediments from the southwestern Iberian continental shelf. *Ciencias Marinas*, **2005**, 31, 161-177	1.7	8
107	Sustainability in earthen heritage conservation. *Geological Society Special Publication*, **2016**, 416, 91-100	1.7	8
106	Chemical element accumulation in tree bark grown in volcanic soils of Cape Verde-a first biomonitoring of Fogo Island. *Environmental Science and Pollution Research*, **2017**, 24, 11978-11990	5.1	7
105	Combining coastal geoscience mapping and photogrammetric surveying in maritime environments (Northwestern Iberian Peninsula): focus on methodology. *Environmental Earth Sciences*, **2016**, 75, 1	2.9	7
104	Records of sedimentary dynamics in the continental shelf and upper slope between Aveiro–Espinho (N Portugal). *Journal of Marine Systems*, **2012**, 96-97, 48-60	2.7	7
103	Gold leaf analysis of three baroque altarpieces from Porto. *ArcheoSciences*, **2009**, 417-421	0.1	7
102	Influence of Aveiro Lagoon heavy metal contents in the adjacent continental shelf (Portugal). *Ciencias Marinas*, **2005**, 31, 149-160	1.7	7
101	Preparation and characterization of novel clay/scleroglucan nanocomposites. *Applied Clay Science*, **2016**, 126, 235-244	5.2	7

100	Adobe Blocks in the Center of Portugal: Main Characteristics. *International Journal of Architectural Heritage*, **2021**, 15, 467-478	2.1	7
99	Dissimilarity between living and dead benthic foraminiferal assemblages in the Aveiro Continental Shelf (Portugal). *PLoS ONE*, **2019**, 14, e0209066	3.7	6
98	Synchrotron X-ray diffraction of bole layers from Portuguese gilded baroque retables. *Applied Clay Science*, **2015**, 116-117, 39-45	5.2	6
97	Lead and zinc concentrations in household dust and toenails of the residents (Estarreja, Portugal): a source-pathway-fate model. *Environmental Sciences: Processes and Impacts*, **2018**, 20, 1210-1224	4.3	6
96	Passive monitoring of particulate matter and gaseous pollutants in Fogo Island, Cape Verde. *Atmospheric Research*, **2018**, 214, 250-262	5.4	6
95	Comparative influence of burial depth on the clay mineral assemblage of the Agadir-Essaouira basin (western High Atlas, Morocco). *Clay Minerals*, **2010**, 45, 453-467	1.3	6
94	Geochemistry and Mineralogy of Clays from the Algarve Basin, Portugal: A Multivariate Approach to Palaeoenvironmental Investigations. *Current Analytical Chemistry*, **2010**, 6, 43-52	1.7	6
93	IMPACT OF EUTROPHICATION ON BENTHIC FORAMINIFERA IN SEPETIBA BAY (RIO DE JANEIRO STATE, SE BRAZIL). *Journal of Sedimentary Environments*, **2019**, 4, 480-500	1.4	6
92	Patterns of rare earth and other trace elements in Paleogene and Miocene clayey sediments from the Mondego platform (Central Portugal). *Chemie Der Erde*, **2015**, 75, 389-401	4.3	5
91	BIOCENOSES OF BENTHIC FORAMINIFERA OF THE AVEIRO CONTINENTAL SHELF (PORTUGAL): INFLUENCE OF THE UPWELLING EVENTS AND OTHER SHELF PROCESSES. *Journal of Sedimentary Environments*, **2017**, 2,	1.4	5
90	Heterogeneity of environments in a coastal lagoon mouth by the comparison between living and dead benthic foraminiferal assemblages (Ria de Aveiro Portugal). *Estuarine, Coastal and Shelf Science*, **2018**, 213, 199-216	2.9	5
89	Coastal Geo-Engineering Techniques for the Assessment of Rock Armour Structures. *Marine Georesources and Geotechnology*, **2014**, 32, 155-178	2.2	5
88	Biosedimentary disturbances in shallow-water carbonate environments: An example from the Upper Hauterivian in the Lusitanian Basin. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2012**, 315-316, 24-37	2.9	5
87	Evolution in the provenance of a tectonically controlled PlioPleistocene alluvial system between the Variscan Iberian Massif and the Atlantic margin, Portugal. *Chemie Der Erde*, **2011**, 71, 267-278	4.3	5
86	Statistical mechanics characterization of neuronal mosaics. *Applied Physics Letters*, **2005**, 86, 093901	3.4	5
85	Observations from submersibles of rare long-arm bathypelagic squids. *Sarsia*, **2002**, 87, 189-192		5
84	Geochemical, textural, mineralogical and micropaleontological data used for climatic reconstruction during the Holocene in the Galician sector of the Iberian continental margin. *Ciencias Marinas*, **2005**, 31, 293-308	1.7	5
83	Extrusive carbonatite outcrops A source of chemical elements imbalance in topsoils of oceanic volcanic islands. *Catena*, **2017**, 157, 333-343	5.8	5

82	Disentangling natural vs. anthropogenic induced environmental variability during the Holocene: Marambaia Cove, SW sector of the Sepetiba Bay (SE Brazil). *Environmental Science and Pollution Research*, **2021**, 28, 22612-22640	5.1	5
81	Chemical characterization of vines grown in incipient volcanic soils of Fogo Island (Cape Verde). *Environmental Monitoring and Assessment*, **2019**, 191, 128	3.1	4
80	Chemistry of volcanic soils used for agriculture in Brava Island (Cape Verde) envisaging a sustainable management. *Journal of African Earth Sciences*, **2018**, 147, 28-42	2.2	4
79	Speciation of rare earth elements in surface sediments of Lagoon of Aveiro (N Portugal). *Journal of Coastal Research*, **2013**, 65, 64-69	0.6	4
78	Characterization of Ancient Pozzolanic Mortars from Roman Times to the 19th Century: Compatibility Issues of New Mortars with Substrates and Ancient Mortars **2010**, 235-257		4
77	Long-term eutrophication and contamination of the central area of Sepetiba Bay (SW Brazil). *Environmental Monitoring and Assessment*, **2021**, 193, 100	3.1	4
76	Volcanic Conduits of the Ch□das Caldeiras Caldera (Fogo Island, Cape Verde) □REE and Fe Crystalchemistry. *Procedia Earth and Planetary Science*, **2017**, 17, 928-931		3
75	Hydrogeologist J. Martins Carvalho: professional, professor and gentleman. *Environmental Earth Sciences*, **2015**, 73, 2521-2529	2.9	3
74	Urban Groundwater Processes and Anthropogenic Interactions (Porto Region, NW Portugal). *Water (Switzerland)*, **2020**, 12, 2797	3	3
73	Assessment of Clayey Peloid Formulations Prior to Clinical Use in Equine Rehabilitation. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	3
72	Influence of the Holocene relative sea level on the coastal plain of Sepetiba Bay (Southeast Brazil). *Journal of Sedimentary Environments*, **2020**, 5, 35-59	1.4	3
71	Influence of dominant wind patterns in a distal region of the NW Iberian Margin during the last glaciation. *Journal of the Geological Society*, **2018**, 175, 321-335	2.7	3
70	Stratigraphy and palynology of the Pennsylvanian continental Bu□co Basin (NW Iberia). *Geobios*, **2018**, 51, 507-516	1.5	3
69	Geochemistry of mudrock units from the Meso-Cenozoic Algarve Basin, Portugal. *Geosciences Journal*, **2018**, 22, 733-749	1.4	3
68	Geochemistry, luminescence and innovative dose rate determination of a Chalcolithic calcite-rich negative feature. *Journal of Archaeological Science: Reports*, **2019**, 26, 101887	0.7	3
67	SIMILARITY BETWEEN THE DEAD AND LIVING FORAMINIFERAL ASSEMBLAGES IN THE NE SECTOR OF GUANABARA BAY (BRAZIL). *Journal of Sedimentary Environments*, **2017**, 1,	1.4	3
66	The ITRAX core scanner, a useful tool to distinguish anthropicvs.climatic influences in lagoon of Aveiro (N Portugal). *Journal of Coastal Research*, **2013**, 65, 70-75	0.6	3
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