

Fernando Rocha

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | Characterization of the Dynamics of Leachate Contamination Plumes in the Surroundings of the Hulene-B Waste Dump in Maputo, Mozambique. <i>Environments - MDPI</i> , 2022 , 9, 19 | 3.2 | 3 |
| 224 | The Challenge in Combining Pelotherapy and Electrotherapy (Iontophoresis) in One Single Therapeutic Modality. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 1509 | 2.6 | 0 |
| 223 | Potentially toxic elements dynamics in the soil rhizospheric-plant system in the active volcano of Fogo (Cape Verde) and interactions with human health. <i>Catena</i> , 2022 , 209, 105843 | 5.8 | 3 |
| 222 | Delineating springs safeguard zones with DISCO-URBAN index: a valuable tool for groundwater vulnerability mapping in local-scale urban areas. <i>Discover Water</i> , 2022 , 2, 1 | | 0 |
| 221 | Influence of local mineral raw materials on the commercial success of Aveiro production of ancient ceramic sugar jars. <i>Environmental Earth Sciences</i> , 2022 , 81, 1 | 2.9 | |
| 220 | Geophagic Materials Characterization and Potential Impact on Human Health: The Case Study of Maputo City (Mozambique). <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 4832 | 2.6 | 0 |
| 219 | Mortars for Conservation of Late 19th and Early 20th Century Buildings—Combination of Natural Cements with Air Lime. <i>Materials</i> , 2022 , 15, 3704 | 3.5 | 0 |
| 218 | Integration of Electrical Resistivity and Modified DRASTIC Model to Assess Groundwater Vulnerability in the Surrounding Area of Hulene-B Waste Dump, Maputo, Mozambique. <i>Water (Switzerland)</i> , 2022 , 14, 1746 | 3 | 0 |
| 217 | Dust Characterization and Its Potential Impact during the 2014–2015 Fogo Volcano Eruption (Cape Verde). <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 1275 | 2.4 | 1 |
| 216 | DISCO-Urban: an updated GIS-based vulnerability mapping method for delineating groundwater protection zones in historic urban areas. <i>Mediterranean Geoscience Reviews</i> , 2021 , 3, 361 | 2.1 | 1 |
| 215 | Archaeological and Chemical Investigation on Mortars and Bricks from a Necropolis in Braga, Northwest of Portugal. <i>Materials</i> , 2021 , 14, | 3.5 | 1 |
| 214 | Application of Geophysics in geo-environmental diagnosis on the surroundings of the Hulene-B waste dump, Maputo, Mozambique. <i>Journal of African Earth Sciences</i> , 2021 , 185, 104415 | 2.2 | 3 |
| 213 | Carbonate-hosted clay minerals: A critical re-evaluation of extraction methods and their possible bias on palaeoenvironmental information. <i>Earth-Science Reviews</i> , 2021 , 214, 103502 | 10.2 | 2 |
| 212 | Efficiency of natural clay and titania P25 composites in the decolouring of methylene blue (MB) from aqueous solutions: dual adsorption and photocatalytic processes. <i>Arabian Journal of Geosciences</i> , 2021 , 14, 1 | 1.8 | 3 |
| 211 | Changes Induced by Self-Burning in Technosols from a Coal Mine Waste Pile: A Hydropedological Approach. <i>Geosciences (Switzerland)</i> , 2021 , 11, 195 | 2.7 | 3 |
| 210 | Metal(Loids) Bioaccessibility in Road Dust from the Surrounding Villages of an Active Mine. <i>Atmosphere</i> , 2021 , 12, 685 | 2.7 | 2 |
| 209 | Combined Influence of Low-Grade Metakaolins and Natural Zeolite on Compressive Strength and Heavy Metal Adsorption of Geopolymers. <i>Minerals (Basel, Switzerland)</i> , 2021 , 11, 486 | 2.4 | 2 |

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| 208 | Adobe Blocks in the Center of Portugal: Main Characteristics. <i>International Journal of Architectural Heritage</i> , 2021 , 15, 467-478 | 2.1 | 7 |
| 207 | Disentangling natural vs. anthropogenic induced environmental variability during the Holocene: Marambaia Cove, SW sector of the Sepetiba Bay (SE Brazil). <i>Environmental Science and Pollution Research</i> , 2021 , 28, 22612-22640 | 5.1 | 5 |
| 206 | Evaluation of naturally occurring radionuclides (K, Th and U) in volcanic soils from Fogo Island, Cape Verde. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021 , 330, 347-355 | 1.5 | 1 |
| 205 | Archaeological and Chemical Investigation on the High Imperial Mosaic Floor Mortars of the Domus Integrated in the Museum of Archaeology D. Diogo de Sousa, Braga, Portugal. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 8267 | 2.6 | 3 |
| 204 | Long-term eutrophication and contamination of the central area of Sepetiba Bay (SW Brazil). <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 100 | 3.1 | 4 |
| 203 | Biogeochemistry of Household Dust Samples Collected from Private Homes of a Portuguese Industrial City. <i>Geosciences (Switzerland)</i> , 2020 , 10, 392 | 2.7 | 2 |
| 202 | Urban Groundwater Processes and Anthropogenic Interactions (Porto Region, NW Portugal). <i>Water (Switzerland)</i> , 2020 , 12, 2797 | 3 | 3 |
| 201 | Assessment of Clayey Peloid Formulations Prior to Clinical Use in Equine Rehabilitation. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 3 |
| 200 | Geochemical, Mineralogical and Morphological Characterisation of Road Dust and Associated Health Risks. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 15 |
| 199 | Assessment of properties of metakaolin-based geopolymers applied in the conservation of tile facades. <i>Construction and Building Materials</i> , 2020 , 259, 119759 | 6.7 | 9 |
| 198 | Influence of the Holocene relative sea level on the coastal plain of Sepetiba Bay (Southeast Brazil). <i>Journal of Sedimentary Environments</i> , 2020 , 5, 35-59 | 1.4 | 3 |
| 197 | Metakaolin and demolition wastes in eco-based sand consolidated concrete. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2020 , | 1.9 | 1 |
| 196 | Effects of the full-scale substitution of strontium for calcium on the microstructure of brushite: (CaSr _{1-x})HPO ₄ .nH ₂ O system. <i>Clay Minerals</i> , 2020 , 55, 366-374 | 1.3 | 2 |
| 195 | Exploring the potential of cuttlebone waste to produce building lime. <i>Materiales De Construccion</i> , 2020 , 70, 225 | 1.8 | 1 |
| 194 | Paleoweathering of intrusive carbonatites (4.5 Ma) from Fogo Island, Cape Verde [Mineralogy and geochemistry. <i>Catena</i> , 2020 , 194, 104778 | 5.8 | 2 |
| 193 | Ecological quality status of the NE sector of the Guanabara Bay (Brazil): A case of living benthic foraminiferal resilience. <i>Marine Pollution Bulletin</i> , 2020 , 158, 111449 | 6.7 | 9 |
| 192 | Fine Particulate Matter and Gaseous Compounds in Kitchens and Outdoor Air of Different Dwellings. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17, | 4.6 | 2 |
| 191 | Geochemistry and Fe speciation in active volcanic environments [the case of Fogo Island, Cape Verde. <i>E3S Web of Conferences</i> , 2019 , 98, 06009 | 0.5 | |

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| 190 | Paleoenvironmental considerations based on geochemistry and mineralogy of a Miocene lacustrine calcrete, southern Portugal. <i>E3S Web of Conferences</i> , 2019 , 98, 06012 | 0.5 | 1 |
| 189 | Dissimilarity between living and dead benthic foraminiferal assemblages in the Aveiro Continental Shelf (Portugal). <i>PLoS ONE</i> , 2019 , 14, e0209066 | 3.7 | 6 |
| 188 | Palaeoenvironmental significance and pathways of calcrete development investigated with nuclear and related methods. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019 , 321, 541-556 | 1.5 | 2 |
| 187 | Chemical characterization of vines grown in incipient volcanic soils of Fogo Island (Cape Verde). <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 128 | 3.1 | 4 |
| 186 | Detrital record of the denudation of volcanic islands under sub-tropical climate (Cape Verde). <i>Chemie Der Erde</i> , 2019 , 79, 235-246 | 4.3 | 12 |
| 185 | Mine Tailings Geopolymers as a Waste Management Solution for A More Sustainable Habitat. <i>Sustainability</i> , 2019 , 11, 995 | 3.6 | 27 |
| 184 | Sedimentary and residual clays from Santiago, Boavista e Fogo (Cape Verde): assessment of their properties as geophagic materials. <i>Arabian Journal of Geosciences</i> , 2019 , 12, 1 | 1.8 | 1 |
| 183 | Assessment of clayey materials from Santa Maria (Azores, Portugal) for preparation of peloids. <i>Clay Minerals</i> , 2019 , 54, 299-307 | 1.3 | 2 |
| 182 | Geochemistry, luminescence and innovative dose rate determination of a Chalcolithic calcite-rich negative feature. <i>Journal of Archaeological Science: Reports</i> , 2019 , 26, 101887 | 0.7 | 3 |
| 181 | FORAMINIFERA CHECK LIST AND THE MAIN SPECIES DISTRIBUTION IN THE AVEIRO LAGOON AND ADJACENT CONTINENTAL SHELF (PORTUGAL). <i>Journal of Sedimentary Environments</i> , 2019 , 4, 1-52 | 1.4 | 9 |
| 180 | BACKGROUND CONCENTRATIONS OF CHEMICAL ELEMENTS IN SEPETIBA BAY (SE BRAZIL). <i>Journal of Sedimentary Environments</i> , 2019 , 4, 108-123 | 1.4 | 10 |
| 179 | Development of a buried paleosol on silica-undersaturated mafic lava (Fogo Island, Cape Verde): An Fe speciation study using Mössbauer spectroscopy and magnetization. <i>Catena</i> , 2019 , 182, 104153 | 5.8 | 1 |
| 178 | Alkaline Activation of Rammed Earth Material [New Generation of Adobes] <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2019 , 313-314 | 0.2 | 1 |
| 177 | Ceramics Sugar Jars Pieces from Aveiro Production. <i>Springer Proceedings in Earth and Environmental Sciences</i> , 2019 , 483-484 | 0.2 | 2 |
| 176 | IMPACT OF EUTROPHICATION ON BENTHIC FORAMINIFERA IN SEPETIBA BAY (RIO DE JANEIRO STATE, SE BRAZIL). <i>Journal of Sedimentary Environments</i> , 2019 , 4, 480-500 | 1.4 | 6 |
| 175 | Characterization of Portuguese gypsums as raw materials for dermocosmetics. <i>Clay Minerals</i> , 2019 , 54, 277-281 | 1.3 | 2 |
| 174 | Geopolymers and polymers in the conservation of tile facades. <i>Construction and Building Materials</i> , 2019 , 197, 175-184 | 6.7 | 11 |
| 173 | Recycling Waste Seashells to Produce Calcitic Lime: Characterization and Wet Slaking Reactivity. <i>Waste and Biomass Valorization</i> , 2019 , 10, 2397-2414 | 3.2 | 17 |

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| 172 | The sustainability of adobe construction: past to future. <i>International Journal of Architectural Heritage</i> , 2019 , 13, 639-647 | 2.1 | 24 |
| 171 | Influence of dominant wind patterns in a distal region of the NW Iberian Margin during the last glaciation. <i>Journal of the Geological Society</i> , 2018 , 175, 321-335 | 2.7 | 3 |
| 170 | Characterization of rammed-earth materials from the XVIth century Badii Palace in Marrakech, Morocco to ensure authentic and reliable restoration. <i>Geoarchaeology - an International Journal</i> , 2018 , 33, 529-541 | 1.4 | 8 |
| 169 | Former Extractive Activities in Tunisia: Environmental Risk Assessment and Heavy Metals Immobilization. <i>Advances in Science, Technology and Innovation</i> , 2018 , 475-477 | 0.3 | |
| 168 | Lead and zinc concentrations in household dust and toenails of the residents (Estarreja, Portugal): a source-pathway-fate model. <i>Environmental Sciences: Processes and Impacts</i> , 2018 , 20, 1210-1224 | 4.3 | 6 |
| 167 | Chemistry of volcanic soils used for agriculture in Brava Island (Cape Verde) envisaging a sustainable management. <i>Journal of African Earth Sciences</i> , 2018 , 147, 28-42 | 2.2 | 4 |
| 166 | Stratigraphy and palynology of the Pennsylvanian continental Buãco Basin (NW Iberia). <i>Geobios</i> , 2018 , 51, 507-516 | 1.5 | 3 |
| 165 | Geochemistry of mudrock units from the Meso-Cenozoic Algarve Basin, Portugal. <i>Geosciences Journal</i> , 2018 , 22, 733-749 | 1.4 | 3 |
| 164 | Heterogeneity of environments in a coastal lagoon mouth by the comparison between living and dead benthic foraminiferal assemblages (Ria de Aveiro Portugal). <i>Estuarine, Coastal and Shelf Science</i> , 2018 , 213, 199-216 | 2.9 | 5 |
| 163 | Passive monitoring of particulate matter and gaseous pollutants in Fogo Island, Cape Verde. <i>Atmospheric Research</i> , 2018 , 214, 250-262 | 5.4 | 6 |
| 162 | Technological and compositional study of the gold leaf from Baroque altarpieces: basis for a research methodology. <i>Conservar Património</i> , 2018 , 29, 41-50 | 0.4 | |
| 161 | A novel study on the influence of cork waste residue on metakaolin-zeolite based geopolymers. <i>Applied Clay Science</i> , 2018 , 152, 196-210 | 5.2 | 29 |
| 160 | Study of Zn-Pb ore tailings and their potential in cement technology. <i>Journal of African Earth Sciences</i> , 2018 , 139, 165-172 | 2.2 | 10 |
| 159 | Source apportionment of atmospheric aerosol in a marine dusty environment by ionic/composition mass balance (IMB). <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 13215-13230 | 6.8 | 9 |
| 158 | Eggshell waste to produce building lime: calcium oxide reactivity, industrial, environmental and economic implications. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018 , 51, 1 | 3.4 | 23 |
| 157 | GEOCHEMICAL NORMALIZERS APPLIED TO THE STUDY OF THE PROVENANCE OF LITHOGENIC MATERIALS DEPOSITED AT THE ENTRANCE OF A COASTAL LAGOON. A CASE STUDY IN AVEIRO LAGOON (PORTUGAL) / NORMALIZADORES GEOQUÍMICOS APLICADOS AO ESTUDO DE PROVENIÊNCIA DE MATERIAIS LITOGENICOS DEPOSITADOS NA ENTRADA DE UMA LAGUNA | 1.4 | 1 |
| 156 | Chemical element accumulation in tree bark grown in volcanic soils of Cape Verde-a first entary biomonitoring of Fogo Island. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 11978-11990 | 5.1 | 7 |
| 155 | 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 | 3.8 | 31 |

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| 154 | Volcanic Conduits of the Chã das Caldeiras Caldera (Fogo Island, Cape Verde) [REE and Fe Crystalchemistry. <i>Procedia Earth and Planetary Science</i> , 2017 , 17, 928-931 | | 3 |
| 153 | Mineralogical Evidence of Hydrothermal Alteration in Cabeço de Vide Mafic [Ultramafic Complex, Central Portugal. <i>Procedia Earth and Planetary Science</i> , 2017 , 17, 936-939 | | 0 |
| 152 | Fabrication, microstructural and mechanical characterization of Luffa Cylindrical Fibre - Reinforced geopolymer composite. <i>Applied Clay Science</i> , 2017 , 143, 125-133 | 5.2 | 49 |
| 151 | Production of silica gel from Tunisian sands and its adsorptive properties. <i>Journal of African Earth Sciences</i> , 2017 , 130, 238-251 | 2.2 | 10 |
| 150 | Novel thio-kaolinite nanohybrid materials and their application as heavy metal adsorbents in wastewater. <i>Applied Clay Science</i> , 2017 , 150, 192-201 | 5.2 | 17 |
| 149 | BIOCENOSSES OF BENTHIC FORAMINIFERA OF THE AVEIRO CONTINENTAL SHELF (PORTUGAL): INFLUENCE OF THE UPWELLING EVENTS AND OTHER SHELF PROCESSES. <i>Journal of Sedimentary Environments</i> , 2017 , 2, | 1.4 | 5 |
| 148 | Mercury contamination level and speciation inventory in Lakes Titicaca & Uru-Uru (Bolivia): Current status and future trends. <i>Environmental Pollution</i> , 2017 , 231, 262-270 | 9.3 | 26 |
| 147 | Statistical evaluation of elemental concentrations in shallow-marine deposits (Cretaceous, Lusitanian Basin). <i>Marine and Petroleum Geology</i> , 2017 , 86, 1029-1046 | 4.7 | 9 |
| 146 | Preparation, characterization and application in controlled release of Ibuprofen-loaded Guar Gum/Montmorillonite Bionanocomposites. <i>Applied Clay Science</i> , 2017 , 135, 52-63 | 5.2 | 46 |
| 145 | SEDIMENT QUALITY AND POSSIBLE USES OF DREDGED MATERIALS: THE RIA DE AVEIRO LAGOON MOUTH AREA (PORTUGAL). <i>Journal of Sedimentary Environments</i> , 2017 , 2, | 1.4 | 1 |
| 144 | POSSIBLE FUNCTIONS OF BIOMINERALIZATION OF SOME TEXTULARIID (FORAMINIFERA) SPECIES OF THE NW IBERIAN MARGIN. <i>Journal of Sedimentary Environments</i> , 2017 , 1, | 1.4 | 1 |
| 143 | SEDIMENTS QUALITY AND POTENTIAL USES OF DREDGED MATERIAL: A CASE STUDY (PORTUGAL). <i>Journal of Sedimentary Environments</i> , 2017 , 2, | 1.4 | 1 |
| 142 | SIMILARITY BETWEEN THE DEAD AND LIVING FORAMINIFERAL ASSEMBLAGES IN THE NE SECTOR OF GUANABARA BAY (BRAZIL). <i>Journal of Sedimentary Environments</i> , 2017 , 1, | 1.4 | 3 |
| 141 | HOLOCENE CLOSURE OF A BARRIER BEACH IN SEPETIBA BAY AND ITS ENVIRONMENTAL IMPACT (RIO DE JANEIRO, BRAZIL). <i>Journal of Sedimentary Environments</i> , 2017 , 2, | 1.4 | 3 |
| 140 | Extrusive carbonatite outcrops [A source of chemical elements imbalance in topsoils of oceanic volcanic islands. <i>Catena</i> , 2017 , 157, 333-343 | 5.8 | 5 |
| 139 | Source and pathway analysis of lead and polycyclic aromatic hydrocarbons in Lisbon urban soils. <i>Science of the Total Environment</i> , 2016 , 573, 324-336 | 10.2 | 20 |
| 138 | Geochemical fingerprints in topsoils of the volcanic Brava Island, Cape Verde. <i>Catena</i> , 2016 , 147, 522-535 | 5.8 | 12 |
| 137 | Effective removal of anionic and cationic dyes by kaolinite and TiO ₂ /kaolinite composites. <i>Clay Minerals</i> , 2016 , 51, 19-27 | 1.3 | 25 |

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| 136 | Influence of pH, layer charge location and crystal thickness distribution on U(VI) sorption onto heterogeneous dioctahedral smectite. <i>Journal of Hazardous Materials</i> , 2016 , 317, 246-258 | 12.8 | 22 |
| 135 | Kinetics of uranyl ions sorption on heterogeneous smectite structure at pH4 and 6 using a continuous stirred flow-through reactor. <i>Applied Clay Science</i> , 2016 , 134, 71-82 | 5.2 | 16 |
| 134 | The effect of natural zeolite on microstructure, mechanical and heavy metals adsorption properties of metakaolin based geopolymers. <i>Applied Clay Science</i> , 2016 , 126, 141-152 | 5.2 | 116 |
| 133 | Combining coastal geoscience mapping and photogrammetric surveying in maritime environments (Northwestern Iberian Peninsula): focus on methodology. <i>Environmental Earth Sciences</i> , 2016 , 75, 1 | 2.9 | 7 |
| 132 | Absorbent materials in waterproofing barriers, analysis of the role of diatomaceous earth. <i>Construction and Building Materials</i> , 2016 , 102, 125-132 | 6.7 | 1 |
| 131 | Application of Multivariate Analysis in the Assessment of Ceramic Raw Materials. <i>Clays and Clay Minerals</i> , 2016 , 64, 767-787 | 2.1 | 1 |
| 130 | Environmental Groundwater Vulnerability Assessment in Urban Water Mines (Porto, NW Portugal). <i>Water (Switzerland)</i> , 2016 , 8, 499 | 3 | 16 |
| 129 | Aqueous Acid Orange 7 dye removal by clay and red mud mixes. <i>Applied Clay Science</i> , 2016 , 126, 197-206 | 5.2 | 35 |
| 128 | Fibrous clay minerals as lithostratigraphic markers in a Cenozoic continental basin (Sado Basin, Portugal). <i>Applied Clay Science</i> , 2016 , 119, 441-448 | 5.2 | |
| 127 | Preparation and characterization of novel clay/scleroglucan nanocomposites. <i>Applied Clay Science</i> , 2016 , 126, 235-244 | 5.2 | 7 |
| 126 | Sustainability in earthen heritage conservation. <i>Geological Society Special Publication</i> , 2016 , 416, 91-100 | 1.7 | 8 |
| 125 | Can benthic foraminifera be used as bio-indicators of pollution in areas with a wide range of physicochemical variability?. <i>Estuarine, Coastal and Shelf Science</i> , 2016 , 182, 211-225 | 2.9 | 23 |
| 124 | Hydrogeologist J. Martins Carvalho: professional, professor and gentleman. <i>Environmental Earth Sciences</i> , 2015 , 73, 2521-2529 | 2.9 | 3 |
| 123 | Characterization and evaluation of hydrothermally influenced clayey sediments from Caldeiras da Ribeira Grande fumarolic field (Azores Archipelago, Portugal) used for aesthetic and pelotherapy purposes. <i>Environmental Earth Sciences</i> , 2015 , 73, 2833-2842 | 2.9 | 12 |
| 122 | Patterns of rare earth and other trace elements in Paleogene and Miocene clayey sediments from the Mondego platform (Central Portugal). <i>Chemie Der Erde</i> , 2015 , 75, 389-401 | 4.3 | 5 |
| 121 | Bentonite as a natural additive for lime and lime-metakaolin mortars used for restoration of adobe buildings. <i>Cement and Concrete Composites</i> , 2015 , 60, 99-110 | 8.6 | 22 |
| 120 | Chemical Modifications and Diatom Community Development on Volcanic Clayey Sediments During an Indoor Maturation Experiment. <i>Geomicrobiology Journal</i> , 2015 , 32, 103-112 | 2.5 | 2 |
| 119 | Characterization of Portuguese thermo-mineral waters to be applied in peloids maturation. <i>Environmental Earth Sciences</i> , 2015 , 73, 2843-2862 | 2.9 | 10 |

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| 118 | Early diagenesis and clay mineral adsorption as driving factors of metal pollution in sediments: the case of Aveiro Lagoon (Portugal). <i>Environmental Science and Pollution Research</i> , 2015 , 22, 10019-33 | 5.1 | 27 |
| 117 | Preparation and characterization of novel clay/PLA nanocomposites. <i>Applied Clay Science</i> , 2015 , 115, 87-96 | 5.2 | 26 |
| 116 | Synchrotron X-ray diffraction of bole layers from Portuguese gilded baroque retables. <i>Applied Clay Science</i> , 2015 , 116-117, 39-45 | 5.2 | 6 |
| 115 | A comprehensive analysis of groundwater resources using GIS and multicriteria tools (Caldas da Cavaca, Central Portugal): environmental issues. <i>Environmental Earth Sciences</i> , 2015 , 73, 2699-2715 | 2.9 | 27 |
| 114 | Basic mapping of the inspection process in offshore oil production facilities 2015 , | | 2 |
| 113 | Environmental Quality Assessment of Bizerte Lagoon (Tunisia) Using Living Foraminifera Assemblages and a Multiproxy Approach. <i>PLoS ONE</i> , 2015 , 10, e0137250 | 3.7 | 41 |
| 112 | Production of Lightweight Aggregates from Phosphate Washing Plant Sludge 2015 , 59-63 | | |
| 111 | The environmental factors impact on the conservation of an historic marine quay--a baseline study. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 9563-9 | 5.1 | 1 |
| 110 | Mining tailing reuse in sulfobelitic clinker formulations 2015 , 183-188 | | 1 |
| 109 | Iron speciation in volcanic topsoils from Fogo island (Cape Verde) [Iron oxide nanoparticles and trace elements concentrations. <i>Catena</i> , 2014 , 113, 95-106 | 5.8 | 24 |
| 108 | Origin of reddening in a paleosol buried by lava flows in Fogo island (Cape Verde). <i>Journal of African Earth Sciences</i> , 2014 , 96, 60-70 | 2.2 | 19 |
| 107 | Urban geochemistry of lead in gardens, playgrounds and schoolyards of Lisbon, Portugal: Assessing exposure and risk to human health. <i>Applied Geochemistry</i> , 2014 , 44, 45-53 | 3.5 | 31 |
| 106 | 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. <i>Applied Geochemistry</i> , 2014 , 44, 111-120 | 3.5 | 8 |
| 105 | Geotourism, Medical Geology and local development: Cape Verde case study. <i>Journal of African Earth Sciences</i> , 2014 , 99, 735-742 | 2.2 | 11 |
| 104 | Uranium Contents in the Lithological Formations of Santiago Island, Cape Verde. <i>Procedia Earth and Planetary Science</i> , 2014 , 8, 18-22 | | 1 |
| 103 | The application of a multi-wavelength Aethalometer to estimate iron dust and black carbon concentrations in the marine boundary layer of Cape Verde. <i>Atmospheric Environment</i> , 2014 , 97, 136-143 ^{5.3} | 5.3 | 15 |
| 102 | Geochemistry, mineralogy, solid-phase fractionation and oral bioaccessibility of lead in urban soils of Lisbon. <i>Environmental Geochemistry and Health</i> , 2014 , 36, 867-81 | 4.7 | 32 |
| 101 | An insight into the surface properties of calcined kaolinitic clays: The grinding effect. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 455, 49-57 | 5.1 | 39 |

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| 100 | Influence of clay minerals addition on mechanical properties of air lime/metakaolin mortars. <i>Construction and Building Materials</i> , 2014 , 65, 132-139 | 6.7 | 18 |
| 99 | Rock strength assessment and structural features analysis on rocky coasts 2014 , 1267-1272 | | 1 |
| 98 | Abrasiveness index of dispersions of Portuguese clays using the Einlehner method: influence of clay parameters. <i>Clay Minerals</i> , 2014 , 49, 27-34 | 1.3 | 8 |
| 97 | Coastal Geo-Engineering Techniques for the Assessment of Rock Armour Structures. <i>Marine Georesources and Geotechnology</i> , 2014 , 32, 155-178 | 2.2 | 5 |
| 96 | Foraminiferal biotopes and their distribution control in Ria de Aveiro (Portugal): a multiproxy approach. <i>Environmental Monitoring and Assessment</i> , 2014 , 186, 8875-97 | 3.1 | 30 |
| 95 | Influence of pH, concentration and ionic strength during batch and flow-through continuous stirred reactor experiments of Sr ²⁺ -adsorption onto montmorillonite. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014 , 303, 2243 | 1.5 | 2 |
| 94 | Palaeogeographic controls on palygorskite occurrence in Maastrichtian-Palaeogene sediments of the Western High Atlas and Meseta Basins (Morocco). <i>Clay Minerals</i> , 2014 , 49, 595-608 | 1.3 | 13 |
| 93 | Synthetic zeolite pellets incorporated to air lime/metakaolin mortars: Mechanical properties. <i>Construction and Building Materials</i> , 2014 , 69, 243-252 | 6.7 | 11 |
| 92 | Liquid limit determination of clayey material by Casagrande method, fall cone test and EBS parameter. <i>Materials Technology</i> , 2014 , 29, B82-B87 | 2.1 | 10 |
| 91 | Novel Inorganic Products Based on Industrial Wastes. <i>Waste and Biomass Valorization</i> , 2014 , 5, 385-392 | 3.2 | 9 |
| 90 | A Record of Upper Hauterivian Climatic Variability in a Lagoonal Environment in the Lusitanian Basin. <i>Springer Geology</i> , 2014 , 1303-1307 | 0.8 | |
| 89 | Diatom assemblages of thermal and mineral waters from volcanic environments in Sã Miguel Island, Azores. <i>Diatom Research</i> , 2013 , 28, 407-417 | 0.9 | 13 |
| 88 | Composition and technological properties of geopolymers based on metakaolin and red mud. <i>Materials & Design</i> , 2013 , 52, 648-654 | | 115 |
| 87 | Conceptualizing a mountain hydrogeologic system by using an integrated groundwater assessment (Serra da Estrela, Central Portugal): a review. <i>Geosciences Journal</i> , 2013 , 17, 371-386 | 1.4 | 17 |
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