M Clara F MagalhÃ£es

List of Publications by Year
in descending order

33 papers	812 citations	516681 16 h-index	552766 26 g-index
34 all docs	34 docs citations	34 times ranked	885 citing authors

#	Article	IF	Citations
1	Arsenic. An environmental problem limited by solubility. Pure and Applied Chemistry, 2002, 74, 1843-1850.	1.9	140
2	The Chemistry of Formation of Some Secondary Arsenate Minerals of Cu(II), Zn(II) and Pb(II). Mineralogical Magazine, 1988, 52, 679-690.	1.4	68
3	Cistus salviifolius a promising species for mine wastes remediation. Journal of Geochemical Exploration, 2012, 113, 86-93.	3.2	63
4	Trace elements tolerance, accumulation and translocation in Cistus populifolius, Cistus salviifolius and their hybrid growing in polymetallic contaminated mine areas. Journal of Geochemical Exploration, 2012, 123, 52-60.	3.2	53
5	Inorganic plasma with physiological CO2/HCO3â˜ buffer. Biomaterials, 2003, 24, 1541-1548.	11.4	47
6	Metal (Al, Mn, Pb and Zn) soils extractable reagents for available fraction assessment: Comparison using plants, and dry and moist soils from the BraÃ§al abandoned lead mine area, Portugal. Journal of Geochemical Exploration, 2012, 113, 45-55.	3.2	46
7	Heat Capacities of Concentrated Aqueous Solutions of Sodium Sulfate, Sodium Carbonate, and Sodium Hydroxide at 25 Â°C. Journal of Chemical & Engineering Data, 2002, 47, 590-598.	1.9	43
8	Trace element distribution in soils developed on gossan mine wastes and Cistus ladanifer L. tolerance and bioaccumulation. Journal of Geochemical Exploration, 2012, 123, 45-51.	3.2	43
9	Impacts on water, soil and plants from the abandoned Miguel Vacas copper mine, Portugal. Journal of Geochemical Exploration, 2008, 96, 161-170.	3.2	35
10	Stability of Lead(II) Arsenates. Monatshefte FÃ¼r Chemie, 2003, 134, 735-743.	1.8	34
11	Inter-population variation on the accumulation and translocation of potentially harmful chemical elements in Cistus ladanifer L. from Brancanes, Caveira, ChanÃ§a, Lousal, Neves Corvo and SÃ£o Domingos mines in the Portuguese Iberian Pyrite Belt. Journal of Soils and Sediments, 2014, 14, 758-772.	3.0	28
12	Effects of organic/inorganic amendments on trace elements dispersion by leachates from sulfide-containing tailings of the SÃ£o Domingos mine, Portugal. Time evaluation. Geoderma, 2014, 226-227, 188-203.	5.1	25
13	Cistus ladanifer phytostabilizing soils contaminated with non-essential chemical elements. Ecological Engineering, 2016, 94, 107-116.	3.6	25
14	Potential of Tamarix africana and other halophyte species for phytostabilisation of contaminated salt marsh soils. Journal of Soils and Sediments, 2017, 17, 1459-1473.	3.0	24
15	Ecotoxicity evaluation of an amended soil contaminated with uranium and radium using sensitive plants. Journal of Geochemical Exploration, 2014, 142, 112-121.	3.2	22
16	The chemistry of uranium dispersion in groundwaters at the Pinhal do Souto Mine, Portugal. Inorganica Chimica Acta, 1985, 109, 71-78.	2.4	18
17	Mineralisation of bioceramics in simulated plasma with physiological CO2/HCOâ˜3 buffer and albumin. Journal of Materials Chemistry, 2004, 14, 1861-1866.	6.7	13
18	Heat Capacities of Concentrated Aqueous Alkaline Aluminate Solutions at 25 Â°C. Journal of Chemical & Engineering Data, 2002, 47, 960-963.	1.9	12

#	Article	IF	Citations
19	Risk assessment of Arbutus unedo L. fruits from plants growing on contaminated soils in the Panasqueira mine area, Portugal. Journal of Soils and Sediments, 2014, 14, 744-757.	3.0	12
20	Apatite Group Minerals: Solubility and Environmental Remediation. , 2007, , 327-340.		10
21	On the solubility of whitlockite, Ca9Mg(HPO4)(PO4)6, in aqueous solution at 298.15ÂK. Monatshefte FÃ¼r Chemie, 2018, 149, 253-260.	1.8	10
22	Physiological response of Cistus salviifolius L. to high arsenic concentrations. Environmental Geochemistry and Health, 2020, 42, 2305-2319.	3.4	9
23	Calcium and Magnesium Phosphates: Normal and Pathological Mineralization. , 0, , 71-123.		8
24	Potential environmental impact of technosols composed of gossan and sulfide-rich wastes from SÃ£o Domingos mine: assay of simulated leaching. Journal of Soils and Sediments, 2017, 17, 1369-1383.	3.0	8
25	Hazard Assessment of Soils and Spoils From the Portuguese Iberian Pyrite Belt Mining Areas and Their Potential Reclamation. , 2017, , 63-88.		4
26	The Potential of Cistus salviifolius L. to Phytostabilize Gossan Mine Wastes Amended with Ash and Organic Residues. Plants, 2022, 11, 588.	3.5	4
27	Densities, heat capacities, viscosities, 1H- and 13C-NMR spectra, and solvatochromic parameters of binary mixtures of 1,3-dimethyl-1,3-diazinan-2-one (DMPU) and water. Journal of Chemical Thermodynamics, 2021, 161, 106550.	2.0	3
28	Interaction of contaminated sediment from a salt marsh with estuarine water: evaluation by leaching and ecotoxicity assays and salts from leachate evaporation. Journal of Soils and Sediments, 2016, 16, 1612-1624.	3.0	2
29	Assessment and Reclamation of Soils From Uranium Mining Areas: Case Studies From Portugal. , 2017, , 203-234.		1
30	Halogenated Flavones and Isoflavones: A State-of-Art on their Synthesis. Current Organic Synthesis, 2020, 17, 415-425.	1.3	1
31	Characterization of salts progression in walls of earthen architecture heritage. Mineralogical Magazine, 0, , 1-33.	1.4	1
32	Arsenic Removal via Cellulose-Based Organic/Inorganic Hybrid Materials from Drinking Water. Materials Science Forum, 2012, 730-732, 563-568.	0.3	0
33	Siderophoreâ€Assisted Dissolution of Iron(III) Hydroxide Oxides from Ironâ€Rich Fossil Matrices. ChemPlusChem, 2020, 85, 1747-1753.	2.8	0