

List of Publications by Year in descending order

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36
papers

2,613
citations

236925

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36
docs citations

36
times ranked

3291
citing authors

#	ARTICLE	IF	CITATIONS
1	Heavy metal distribution in marine sediments from the southwest coast of Spain. <i>Chemosphere</i> , 2004, 55, 431-442.	8.2	428
2	Comparative study of brine management technologies for desalination plants. <i>Desalination</i> , 2014, 336, 32-49.	8.2	280
3	Heavy metal concentrations in molluscs from the Atlantic coast of southern Spain. <i>Chemosphere</i> , 2005, 59, 1175-1181.	8.2	213
4	Comparative study of three sequential extraction procedures for metals in marine sediments. <i>Environment International</i> , 1998, 24, 487-496.	10.0	212
5	Heavy metals in fish (<i>Solea vulgaris</i> , <i>Anguilla anguilla</i> and <i>Liza aurata</i>) from salt marshes on the southern Atlantic coast of Spain. <i>Environment International</i> , 2004, 29, 949-956.	10.0	181
6	Partitioning of metals in sediments from the Odiel River (Spain). <i>Environment International</i> , 2002, 28, 263-271.	10.0	153
7	Assessment of heavy metals bioavailability and toxicity toward <i>Vibrio fischeri</i> in sediment of the Huelva estuary. <i>Chemosphere</i> , 2016, 153, 10-17.	8.2	84
8	Drin pesticides removal from aqueous solutions using acid-treated date stones. <i>Bioresource Technology</i> , 2009, 100, 2676-2684.	9.6	79
9	Adsorptive features of acid-treated olive stones for drin pesticides: Equilibrium, kinetic and thermodynamic modeling studies. <i>Bioresource Technology</i> , 2009, 100, 4147-4155.	9.6	70
10	Lithium recovery from desalination brines using specific ion-exchange resins. <i>Desalination</i> , 2019, 468, 114073.	8.2	64
11	Biomonitoring of trace metals in a mine-polluted estuarine system (Spain). <i>Chemosphere</i> , 2005, 58, 1421-1430.	8.2	63
12	Adsorption study of low-cost and locally available organic substances and a soil to remove pesticides from aqueous solutions. <i>Journal of Hydrology</i> , 2015, 520, 461-472.	5.4	59
13	Ability of 3 extraction methods (BCR, Tessier and protease K) to estimate bioavailable metals in sediments from Huelva estuary (Southwestern Spain). <i>Marine Pollution Bulletin</i> , 2016, 102, 65-71.	5.0	57
14	Characterization of sorption processes for the development of low-cost pesticide decontamination techniques. <i>Science of the Total Environment</i> , 2014, 488-489, 124-135.	8.0	56
15	Fractionation of metals and As in sediments from a biosphere reserve (Odiel salt marshes) affected by acidic mine drainage. <i>Environmental Monitoring and Assessment</i> , 2008, 139, 329-337.	2.7	55
16	Trace metal bioavailability in the waters of two different habitats in Spain: Huelva estuary and Algeciras Bay. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 851-859.	6.0	54
17	Enhancing soil sorption capacity of an agricultural soil by addition of three different organic wastes. <i>Science of the Total Environment</i> , 2013, 458-460, 614-623.	8.0	54
18	Natural attenuation of pesticide water contamination by using ecological adsorbents: Application for chlorinated pesticides included in European Water Framework Directive. <i>Journal of Hydrology</i> , 2009, 364, 175-181.	5.4	53

#	ARTICLE	IF	CITATIONS
19	Potential Mobility of Metals in Polluted Coastal Sediments in Two Bays of Southern Spain. <i>Journal of Coastal Research</i> , 2007, 232, 352-361.	0.3	49
20	Validation of stir bar sorptive extraction for the determination of 24 priority substances from the European Water Framework Directive in estuarine and sea water. <i>Talanta</i> , 2007, 72, 1149-1156.	5.5	43
21	Potential use of organic waste substances as an ecological technique to reduce pesticide ground water contamination. <i>Journal of Hydrology</i> , 2008, 353, 335-342.	5.4	43
22	Heavy Metal Fractionation in Sediments from the Tinto River (Spain). <i>International Journal of Environmental Analytical Chemistry</i> , 2002, 82, 245-257.	3.3	41
23	Pesticides in ground water beneath Loukkos perimeter, Northwest Morocco. <i>Journal of Hydrology</i> , 2008, 348, 270-278.	5.4	31
24	A general integrated ecotoxicological method for marine sediment quality assessment: Application to sediments from littoral ecosystems on Southern Spain's Atlantic coast. <i>Marine Pollution Bulletin</i> , 2008, 56, 2027-2036.	5.0	27
25	Endosulfan Sulfate Mobility in Soil Columns and Pesticide Pollution of Groundwater in Northwest Morocco. <i>Water Environment Research</i> , 2007, 79, 2578-2584.	2.7	26
26	Effectiveness of acid-treated agricultural stones used in biopurification systems to avoid pesticide contamination of water resources caused by direct losses: Part I. Equilibrium experiments and kinetics. <i>Bioresource Technology</i> , 2010, 101, 5084-5091.	9.6	26
27	Application of a new integrated sediment quality assessment method to Huelva estuary and its littoral of influence (Southwestern Spain). <i>Marine Pollution Bulletin</i> , 2015, 98, 106-114.	5.0	25
28	Biomonitoring of heavy metals in the coastal waters of two industrialised bays in southern Spain using the barnacle <i>Balanus amphitrite</i> . <i>Chemical Speciation and Bioavailability</i> , 2008, 20, 227-237.	2.0	19
29	Integrated assessment of groundwater quality beneath the rural area of R'mel, Northwest of Morocco. <i>Groundwater for Sustainable Development</i> , 2021, 14, 100620.	4.6	16
30	Study of Fractionation and Potential Mobility of Metal from the Guadalquivir Estuary: Changes in Mobility with Time and Influence of the Aznalcollar Mining Spill. <i>Environmental Management</i> , 2005, 36, 162-172.	2.7	12
31	Endosulfan Sulfate Sorption on Natural Organic Substances. <i>Water Environment Research</i> , 2008, 80, 609-616.	2.7	12
32	Pesticides and lipids occurrence in Tangier agricultural soil (northern Morocco). <i>Applied Geochemistry</i> , 2008, 23, 3487-3497.	3.0	11
33	Environmental quality in sediments of Cadiz and Algeciras Bays based on a weight of evidence approach (southern Spanish coast). <i>Marine Pollution Bulletin</i> , 2016, 110, 65-74.	5.0	7
34	Sorption/Desorption and Kinetics of Atrazine, Chlorfenvinphos, Endosulfan Sulfate and Trifluralin on Agro-Industrial and Composted Organic Wastes. <i>Toxics</i> , 2022, 10, 85.	3.7	6
35	Spatiotemporal bioaccumulation of lead, cadmium, zinc and copper metals in Lettuce Sea <i>Ulva lactuca</i> harvest in two Algerian west coasts. <i>Ekologia</i> , 2018, 37, 243-258.	0.8	4
36	Water: Analysis, Treatment, and Reuse. <i>Journal of Chemistry</i> , 2015, 2015, 1-1.	1.9	0