

# Jose Usero

## List of Publications by Year in descending order

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47  
papers

3,289  
citations

201674

27  
h-index

223800

46  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3873  
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	Trace metals in the bivalve molluscs <i>Ruditapes decussatus</i> and <i>Ruditapes philippinarum</i> from the Atlantic Coast of Southern Spain. <i>Environment International</i> , 1997, 23, 291-298.	10.0	348
3	Comparative study of brine management technologies for desalination plants. <i>Desalination</i> , 2014, 336, 32-49.	8.2	280
4	Heavy metal concentrations in molluscs from the Atlantic coast of southern Spain. <i>Chemosphere</i> , 2005, 59, 1175-1181.	8.2	213
5	Comparative study of three sequential extraction procedures for metals in marine sediments. <i>Environment International</i> , 1998, 24, 487-496.	10.0	212
6	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
7	Partitioning of metals in sediments from the Odiel River (Spain). <i>Environment International</i> , 2002, 28, 263-271.	10.0	153
8	Trace metals in the bivalve mollusc <i>Chamelea gallina</i> from the Atlantic coast of southern Spain. <i>Marine Pollution Bulletin</i> , 1996, 32, 305-310.	5.0	132
9	Speciation of heavy metals in sediments from salt marshes on the southern Atlantic coast of Spain. <i>Marine Pollution Bulletin</i> , 1997, 34, 123-128.	5.0	102
10	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
11	Drin pesticides removal from aqueous solutions using acid-treated date stones. <i>Bioresource Technology</i> , 2009, 100, 2676-2684.	9.6	79
12	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
13	Biomonitoring of trace metals in a mine-polluted estuarine system (Spain). <i>Chemosphere</i> , 2005, 58, 1421-1430.	8.2	63
14	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
15	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
16	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
17	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
18	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

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19	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
20	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
21	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
22	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
23	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
24	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
25	Air quality monitoring network design to control nitrogen dioxide and ozone, applied in Malaga, Spain. <i>Microchemical Journal</i> , 2009, 93, 164-172.	4.5	34
26	Trace metals in sediments from the "Ria de Huelva". <i>Toxicological and Environmental Chemistry</i> , 1991, 31, 275-283.	1.2	33
27	Pesticides in ground water beneath Loukkos perimeter, Northwest Morocco. <i>Journal of Hydrology</i> , 2008, 348, 270-278.	5.4	31
28	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
29	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
30	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
31	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
32	Optimization of the design of air quality monitoring networks and its application to NO <sub>2</sub> and O <sub>3</sub> in Jaen, Spain. <i>Microchemical Journal</i> , 2010, 96, 406-411.	4.5	20
33	A Determination of the Sources in the Seville Urban Aerosol. <i>International Journal of Environmental Analytical Chemistry</i> , 1988, 33, 233-244.	3.3	19
34	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
35	Mutagenic activation of aromatic amines by molluscs as a biomarker of marine pollution. , 1998, 31, 282-291.		18
36	Design of air quality monitoring networks and its application to NO <sub>2</sub> and O <sub>3</sub> in Cordova, Spain. <i>Microchemical Journal</i> , 2009, 93, 211-219.	4.5	17

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37	Trace and major elements in atmospheric deposition in the "Campo de Gibraltar"™ region. Atmospheric Environment, 1986, 20, 1639-1646.	1.0	14
38	Study of Fractionation and Potential Mobility of Metal from the Guadalquivir Estuary: Changes in Mobility with Time and Influence of the Aznalcollar Mining Spill. Environmental Management, 2005, 36, 162-172.	2.7	12
39	Endosulfan Sulfate Sorption on Natural Organic Substances. Water Environment Research, 2008, 80, 609-616.	2.7	12
40	Pesticides and lipids occurrence in Tangier agricultural soil (northern Morocco). Applied Geochemistry, 2008, 23, 3487-3497.	3.0	11
41	Atmospheric Concentration of Metals and Total Suspended Particulates in the "Campo de Gibraltar" Region, Spain. International Journal of Environmental Analytical Chemistry, 1987, 30, 69-82.	3.3	8
42	Environmental quality in sediments of Cadiz and Algeciras Bays based on a weight of evidence approach (southern Spanish coast). Marine Pollution Bulletin, 2016, 110, 65-74.	5.0	7
43	Air Quality Monitoring Network Design to Control Nitrogen Dioxide and Ozone, Applied in Granada, Spain. Ozone: Science and Engineering, 2011, 33, 80-89.	2.5	6
44	Sorption/Desorption and Kinetics of Atrazine, Chlorfenvinphos, Endosulfan Sulfate and Trifluralin on Agro-Industrial and Composted Organic Wastes. Toxics, 2022, 10, 85.	3.7	6
45	Chemical element balances and identification of dustfall sources from the Seville atmospheric environment. Toxicological and Environmental Chemistry, 1986, 11, 51-60.	1.2	5
46	A Quantitative Determination of Atmospheric Deposition Sources in the "Campo de Gibraltar" Region, Using Factor Analysis and Chemical Element Balance. International Journal of Environmental Analytical Chemistry, 1987, 30, 83-93.	3.3	2
47	Removal of priority pesticides contaminating r'mel ground water by using organic waste residues. Communications in Agricultural and Applied Biological Sciences, 2007, 72, 197-207.	0.0	2