

Jose Usero

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Comparative study of brine management technologies for desalination plants. <i>Desalination</i> , 2014, 336, 32-49. | 8.2 | 280 |
| 8 | 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 |
| 9 | 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 |
| 10 | Air Quality Monitoring Network Design to Control Nitrogen Dioxide and Ozone, Applied in Granada, Spain. <i>Ozone: Science and Engineering</i> , 2011, 33, 80-89. | 2.5 | 6 |
| 11 | Optimization of the design of air quality monitoring networks and its application to NO ₂ and O ₃ in Jaen, Spain. <i>Microchemical Journal</i> , 2010, 96, 406-411. | 4.5 | 20 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | Design of air quality monitoring networks and its application to NO ₂ and O ₃ in Cordova, Spain. <i>Microchemical Journal</i> , 2009, 93, 211-219. | 4.5 | 17 |
| 16 | Drin pesticides removal from aqueous solutions using acid-treated date stones. <i>Bioresource Technology</i> , 2009, 100, 2676-2684. | 9.6 | 79 |
| 17 | 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 |
| 18 | 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 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | Pesticides in ground water beneath Loukkos perimeter, Northwest Morocco. <i>Journal of Hydrology</i> , 2008, 348, 270-278. | 5.4 | 31 |
| 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 | Pesticides and lipids occurrence in Tangier agricultural soil (northern Morocco). <i>Applied Geochemistry</i> , 2008, 23, 3487-3497. | 3.0 | 11 |
| 23 | 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 |
| 24 | 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 |
| 25 | Endosulfan Sulfate Sorption on Natural Organic Substances. <i>Water Environment Research</i> , 2008, 80, 609-616. | 2.7 | 12 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | Removal of priority pesticides contaminating r'mel ground water by using organic waste residues. <i>Communications in Agricultural and Applied Biological Sciences</i> , 2007, 72, 197-207. | 0.0 | 2 |
| 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 | Biomonitoring of trace metals in a mine-polluted estuarine system (Spain). <i>Chemosphere</i> , 2005, 58, 1421-1430. | 8.2 | 63 |
| 32 | Heavy metal concentrations in molluscs from the Atlantic coast of southern Spain. <i>Chemosphere</i> , 2005, 59, 1175-1181. | 8.2 | 213 |
| 33 | Heavy metal distribution in marine sediments from the southwest coast of Spain. <i>Chemosphere</i> , 2004, 55, 431-442. | 8.2 | 428 |
| 34 | 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 |
| 35 | 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 |
| 36 | Partitioning of metals in sediments from the Odiel River (Spain). <i>Environment International</i> , 2002, 28, 263-271. | 10.0 | 153 |

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|----|--|------|-----------|
| 37 | Mutagenic activation of aromatic amines by molluscs as a biomarker of marine pollution. , 1998, 31, 282-291. | | 18 |
| 38 | Comparative study of three sequential extraction procedures for metals in marine sediments. Environment International, 1998, 24, 487-496. | 10.0 | 212 |
| 39 | Speciation of heavy metals in sediments from salt marshes on the southern Atlantic coast of Spain. Marine Pollution Bulletin, 1997, 34, 123-128. | 5.0 | 102 |
| 40 | Trace metals in the bivalve molluscs Ruditapes decussatus and Ruditapes philippinarum from the Atlantic Coast of Southern Spain. Environment International, 1997, 23, 291-298. | 10.0 | 348 |
| 41 | Trace metals in the bivalve mollusc Chamelea gallina from the Atlantic coast of southern Spain. Marine Pollution Bulletin, 1996, 32, 305-310. | 5.0 | 132 |
| 42 | Trace metals in sediments from the "Ria de Huelva". Toxicological and Environmental Chemistry, 1991, 31, 275-283. | 1.2 | 33 |
| 43 | A Determination of the Sources in the Seville Urban Aerosol. International Journal of Environmental Analytical Chemistry, 1988, 33, 233-244. | 3.3 | 19 |
| 44 | 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 |
| 45 | 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 |
| 46 | Trace and major elements in atmospheric deposition in the "Campo de Gibraltar"™ region. Atmospheric Environment, 1986, 20, 1639-1646. | 1.0 | 14 |
| 47 | Chemical element balances and identification of dustfall sources from the Seville atmospheric environment. Toxicological and Environmental Chemistry, 1986, 11, 51-60. | 1.2 | 5 |