

Jos Luis Marrugo-Negrete

List of Publications by Citations

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Version: 2024-04-25

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57
papers

1,226
citations

17
h-index

34
g-index

69
ext. papers

1,596
ext. citations

4.9
avg, IF

5.13
L-index

#	Paper	IF	Citations
57	Assessment of heavy metal pollution, spatial distribution and origin in agricultural soils along the Sinú River Basin, Colombia. <i>Environmental Research</i> , 2017 , 154, 380-388	7.9	225
56	Phytoremediation of mercury-contaminated soils by <i>Jatropha curcas</i> . <i>Chemosphere</i> , 2015 , 127, 58-63	8.4	112
55	Distribution of mercury in several environmental compartments in an aquatic ecosystem impacted by gold mining in northern Colombia. <i>Archives of Environmental Contamination and Toxicology</i> , 2008 , 55, 305-16	3.2	88
54	Speciation and bioavailability of mercury in sediments impacted by gold mining in Colombia. <i>Chemosphere</i> , 2015 , 119, 1289-1295	8.4	78
53	Total mercury and methylmercury concentrations in fish from the Mojana region of Colombia. <i>Environmental Geochemistry and Health</i> , 2008 , 30, 21-30	4.7	74
52	Screening of native plant species for phytoremediation potential at a Hg-contaminated mining site. <i>Science of the Total Environment</i> , 2016 , 542, 809-16	10.2	70
51	Dietary human exposure to mercury in two artisanal small-scale gold mining communities of northwestern Colombia. <i>Environment International</i> , 2017 , 107, 47-54	12.9	38
50	Polycyclic aromatic hydrocarbons and heavy metals in the Cispata Bay, Colombia: A marine tropical ecosystem. <i>Marine Pollution Bulletin</i> , 2017 , 120, 379-386	6.7	35
49	Relationship between localization of gold mining areas and hair mercury levels in people from Bolivar, north of Colombia. <i>Biological Trace Element Research</i> , 2011 , 144, 118-32	4.5	35
48	Geochemistry of mercury in tropical swamps impacted by gold mining. <i>Chemosphere</i> , 2015 , 134, 44-51	8.4	32
47	Human health impacts of exposure to metals through extreme consumption of fish from the Colombian Caribbean Sea. <i>Environmental Geochemistry and Health</i> , 2018 , 40, 229-242	4.7	32
46	Removal of mercury from gold mine effluents using <i>Limnocharis flava</i> in constructed wetlands. <i>Chemosphere</i> , 2017 , 167, 188-192	8.4	30
45	Heavy metals in wild house mice from coal-mining areas of Colombia and expression of genes related to oxidative stress, DNA damage and exposure to metals. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2014 , 762, 24-9	3	28
44	Mercury uptake and effects on growth in <i>Jatropha curcas</i> . <i>Journal of Environmental Sciences</i> , 2016 , 48, 120-125	6.4	28
43	Atmospheric deposition of heavy metals in the mining area of the San Jorge river basin, Colombia. <i>Air Quality, Atmosphere and Health</i> , 2014 , 7, 577-588	5.6	26
42	Spatial and seasonal mercury distribution in the Ayapel Marsh, Mojana region, Colombia. <i>International Journal of Environmental Health Research</i> , 2010 , 20, 451-9	3.6	24
41	Assessment of human health risk associated with methylmercury in the imported fish marketed in the Caribbean. <i>Environmental Research</i> , 2018 , 165, 324-329	7.9	23

40	Mercury levels and genotoxic effect in caimans from tropical ecosystems impacted by gold mining. <i>Science of the Total Environment</i> , 2019 , 664, 899-907	10.2	17
39	210Pb-derived Sedimentation Rates and Corg Fluxes in Soledad Lagoon (CispatLagoon System, NW Caribbean Coast of Colombia). <i>Estuaries and Coasts</i> , 2011 , 34, 1117-1128	2.8	15
38	Relationship between mercury levels in hair and fish consumption in a population living near a hydroelectric tropical dam. <i>Biological Trace Element Research</i> , 2013 , 151, 187-94	4.5	14
37	Phytoremediation potential of Cd and Pb-contaminated soils by Willd. ex Flüg International <i>Journal of Phytoremediation</i> , 2020 , 22, 87-97	3.9	14
36	Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Cordoba, Colombia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017 , 824, 25-31	3	13
35	Assessment of Potential Health Risks Associated with the Intake of Heavy Metals in Fish Harvested from the Largest Estuary in Colombia. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	13
34	Occupational human exposure to mercury in artisanal small-scale gold mining communities of Colombia. <i>Environment International</i> , 2021 , 146, 106216	12.9	11
33	Human Exposure to Mercury Through Fish Consumption: Risk Assessment of Riverside Inhabitants of the UrrReservoir, Colombia. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014 , 20, 1151-1163	4.9	10
32	Human health risk of methylmercury from fish consumption at the largest floodplain in Colombia. <i>Environmental Research</i> , 2020 , 182, 109050	7.9	10
31	Genetic damage in <i>Rhinella marina</i> populations in habitats affected by agriculture in the middle region of the SinRiver, Colombia. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 27392-27401	5.1	9
30	Biomagnification of Mercury in Fish from Two Gold Mining-Impacted Tropical Marshes in Northern Colombia. <i>Archives of Environmental Contamination and Toxicology</i> , 2018 , 74, 121-130	3.2	9
29	Health Risks Associated with Heavy Metals in Imported Fish in a Coastal City in Colombia. <i>Biological Trace Element Research</i> , 2019 , 190, 526-534	4.5	9
28	Flood-induced metal contamination in the topsoil of floodplain agricultural soils: A case-study in Colombia. <i>Land Degradation and Development</i> , 2019 , 30, 2139-2149	4.4	8
27	Organochlorine Pesticides in Soils from the Middle and Lower SinRiver Basin (Córdoba, Colombia). <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	8
26	Mercury distribution in different environmental matrices in aquatic systems of abandoned gold mines, Western Colombia: Focus on human health. <i>Journal of Hazardous Materials</i> , 2021 , 404, 124080	12.8	8
25	Genetic damage in human populations at mining sites in the upper basin of the San Jorge River, Colombia. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 10961-10971	5.1	7
24	Assessment of trace element pollution and ecological risks in a river basin impacted by mining in Colombia. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 201-210	5.1	7
23	Distribution of chemical forms of mercury in sediments from abandoned ponds created during former gold mining operations in Colombia. <i>Chemosphere</i> , 2020 , 258, 127319	8.4	6

22	Removal of Cypermethrin and Chemical Oxygen Demand from Livestock Wastewater by Electrocoagulation. <i>Chemical Engineering and Technology</i> , 2020 , 43, 211-217	2	5
21	Sea Cucumber as Bioindicator of Trace Metal Pollution in Coastal Sediments. <i>Biological Trace Element Research</i> , 2021 , 199, 2022-2030	4.5	5
20	Transfer and bioaccumulation of mercury from soil in cowpea in gold mining sites. <i>Chemosphere</i> , 2020 , 250, 126142	8.4	4
19	Mercury dynamics in macroinvertebrates in relation to environmental factors in a highly impacted tropical estuary: Buenaventura Bay, Colombian Pacific. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 4044-4057	5.1	4
18	Protein Carbonylation As a Biomarker of Heavy Metal, Cd and Pb, Damage in Willd. ex Flügge Plants, 2019 , 8,	4.5	4
17	Mercury species in fish from a tropical river highly impacted by gold mining at the Colombian Pacific region. <i>Chemosphere</i> , 2021 , 264, 128478	8.4	4
16	Mercurio, metilmercurio y otros metales pesados en peces de Colombia: riesgo por ingesta. <i>Acta Biologica Colombiana</i> , 2019 , 24, 232-242	0.5	3
15	Sin River raw water treatment by natural coagulants. <i>Revista Facultad De Ingeniería</i> , 2015 ,	1	3
14	Optimization of the Electrodeposition Conditions for Mercury Removal from Vegetal Biomass with Response Surface Methodology. <i>Portugaliae Electrochimica Acta</i> , 2013 , 31, 107-117	2.4	3
13	Heavy metal pollution and toxicity assessment in Mallorquin swamp: A natural protected heritage in the Caribbean Sea, Colombia. <i>Marine Pollution Bulletin</i> , 2021 , 167, 112271	6.7	3
12	Metales pesados (Pb, Cd, Ni, Zn, Hg) en tejidos de Lutjanus synagris y Lutjanus vivanus de la Costa de La Guajira, Norte de Colombia 2016 , 10, 27-41		2
11	Remoción de cipermetrina presente en el bañ de ganado utilizando humedales construidos. <i>Ciencia Tecnologia Agropecuaria</i> , 2016 , 17, 203-216	0.4	2
10	Treatment of Meat Industry Wastewater Using Electrochemical Treatment Method. <i>Portugaliae Electrochimica Acta</i> , 2015 , 33, 223-230	2.4	2
9	Drivers of biomagnification of Hg, As and Se in aquatic food webs: A review. <i>Environmental Research</i> , 2022 , 204, 112226	7.9	2
8	Bats are an excellent sentinel model for the detection of genotoxic agents. Study in a Colombian Caribbean region. <i>Acta Tropica</i> , 2021 , 224, 106141	3.2	2
7	Dataset of concentrations of mercury and methylmercury in fish from a tropical river impacted by gold mining in the Colombian Pacific. <i>Data in Brief</i> , 2020 , 33, 106513	1.2	1
6	Phytoremediation of mercury in soils impacted by gold mining: a case-study of Colombia 2021 , 145-160		1
5	Assessment of dissolved mercury by diffusive gradients in thin films devices in abandoned ponds impacted by small scale gold mining.. <i>Environmental Research</i> , 2021 , 208, 112633	7.9	0

4	Contaminaci3n por metales pesados en la bah3a Cispat3n C3rdoba-Colombia y su bioacumulaci3n en macromicetos. <i>Gesti3n Y Ambiente</i> , 2019 , 22, 43-53	0	0
3	Determination of arsenic chemical species in rice grains using high-performance liquid chromatography coupled to hydride generator with atomic fluorescence detector (HPLC-HG-AFS). <i>MethodsX</i> , 2021 , 8, 101281	1.9	0
2	A human health risk assessment of methylmercury, arsenic and metals in a tropical river basin impacted by gold mining in the colombian pacific region.. <i>Environmental Research</i> , 2022 , 113120	7.9	0
1	Ethnomedicinal Studies, Chemical Composition, and Antibacterial Activity of the L. Bark in the Municipality of C3tegui, Choc3Colombia.. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2022 , 2022, 9950625	1.6	