

JosÃ© Luis Marrugo-Negrete

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,953
citations

279487

23
h-index

264894

42
g-index

69
all docs

69
docs citations

69
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of heavy metal pollution, spatial distribution and origin in agricultural soils along the Sinu River Basin, Colombia. <i>Environmental Research</i> , 2017, 154, 380-388.	3.7	332
2	Phytoremediation of mercury-contaminated soils by <i>Jatropha curcas</i> . <i>Chemosphere</i> , 2015, 127, 58-63.	4.2	156
3	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, 305-316.	2.1	107
4	Speciation and bioavailability of mercury in sediments impacted by gold mining in Colombia. <i>Chemosphere</i> , 2015, 119, 1289-1295.	4.2	104
5	Screening of native plant species for phytoremediation potential at a Hg-contaminated mining site. <i>Science of the Total Environment</i> , 2016, 542, 809-816.	3.9	101
6	Total mercury and methylmercury concentrations in fish from the Mojana region of Colombia. <i>Environmental Geochemistry and Health</i> , 2008, 30, 21-30.	1.8	93
7	Dietary human exposure to mercury in two artisanal small-scale gold mining communities of northwestern Colombia. <i>Environment International</i> , 2017, 107, 47-54.	4.8	56
8	Polycyclic aromatic hydrocarbons and heavy metals in the Cispatá Bay, Colombia: A marine tropical ecosystem. <i>Marine Pollution Bulletin</i> , 2017, 120, 379-386.	2.3	52
9	Mercury uptake and effects on growth in <i>Jatropha curcas</i> . <i>Journal of Environmental Sciences</i> , 2016, 48, 120-125.	3.2	50
10	Relationship Between Localization of Gold Mining Areas and Hair Mercury Levels in People from Bolívar, North of Colombia. <i>Biological Trace Element Research</i> , 2011, 144, 118-132.	1.9	47
11	Removal of mercury from gold mine effluents using <i>Limnocharis flava</i> in constructed wetlands. <i>Chemosphere</i> , 2017, 167, 188-192.	4.2	47
12	Geochemistry of mercury in tropical swamps impacted by gold mining. <i>Chemosphere</i> , 2015, 134, 44-51.	4.2	46
13	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.	1.8	42
14	Occupational human exposure to mercury in artisanal small-scale gold mining communities of Colombia. <i>Environment International</i> , 2021, 146, 106216.	4.8	38
15	Spatial and seasonal mercury distribution in the Ayapel Marsh, Mojana region, Colombia. <i>International Journal of Environmental Health Research</i> , 2010, 20, 451-459.	1.3	36
16	Drivers of biomagnification of Hg, As and Se in aquatic food webs: A review. <i>Environmental Research</i> , 2022, 204, 112226.	3.7	36
17	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.	1.5	35
18	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, 24-29.	0.9	34

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19	Assessment of human health risk associated with methylmercury in the imported fish marketed in the Caribbean. <i>Environmental Research</i> , 2018, 165, 324-329.	3.7	29
20	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.	0.9	28
21	Human health risk of methylmercury from fish consumption at the largest floodplain in Colombia. <i>Environmental Research</i> , 2020, 182, 109050.	3.7	28
22	Phytoremediation potential of Cd and Pb-contaminated soils by <i>Paspalum fasciculatum</i> Willd. ex Flæg. <i>International Journal of Phytoremediation</i> , 2020, 22, 87-97.	1.7	27
23	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, 2921.	1.2	25
24	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.	6.5	24
25	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.	3.9	23
26	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, 187-194.	1.9	21
27	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.	1.8	20
28	210Pb-derived Sedimentation Rates and Corg Fluxes in Soledad Lagoon (Cispatá Lagoon System, NW) Tj ETQq0 0,0rgBT /Overlock 10 1.0 17		
29	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.	2.1	17
30	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.	1.9	17
31	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.	4.2	16
32	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.	2.7	16
33	Sea Cucumber as Bioindicator of Trace Metal Pollution in Coastal Sediments. <i>Biological Trace Element Research</i> , 2021, 199, 2022-2030.	1.9	16
34	Human Exposure to Mercury Through Fish Consumption: Risk Assessment of Riverside Inhabitants of the Urrá Reservoir, Colombia. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014, 20, 1151-1163.	1.7	15
35	Genetic damage in <i>Rhinella marina</i> populations in habitats affected by agriculture in the middle region of the Siné River, Colombia. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27392-27401.	2.7	15
36	Mercurio, metilmercurio y otros metales pesados en peces de Colombia: riesgo por ingesta. <i>Acta Biologica Colombiana</i> , 2019, 24, 232-242.	0.1	13

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37	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.	2.7	13
38	Transfer and bioaccumulation of mercury from soil in cowpea in gold mining sites. <i>Chemosphere</i> , 2020, 250, 126142.	4.2	13
39	Phytoremediation of Soils Contaminated with Heavy Metals from Gold Mining Activities Using <i>Clidemia sericea</i> D. Don. <i>Plants</i> , 2022, 11, 597.	1.6	13
40	Mercury species in fish from a tropical river highly impacted by gold mining at the Colombian Pacific region. <i>Chemosphere</i> , 2021, 264, 128478.	4.2	12
41	Organochlorine Pesticides in Soils from the Middle and Lower Sinu River Basin (Córdoba, Colombia). <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	11
42	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.	2.7	11
43	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.	2.3	11
44	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, 212, 113120.	3.7	10
45	Removal of Cypermethrin and Chemical Oxygen Demand from Livestock Wastewater by Electrocoagulation. <i>Chemical Engineering and Technology</i> , 2020, 43, 211-217.	0.9	9
46	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.	0.9	9
47	Protein Carbonylation As a Biomarker of Heavy Metal, Cd and Pb, Damage in <i>Paspalum fasciculatum</i> Willd. <i>Plants</i> , 2019, 8, 513.	1.6	8
48	Assessment of dissolved mercury by diffusive gradients in thin films devices in abandoned ponds impacted by small scale gold mining. <i>Environmental Research</i> , 2022, 208, 112633.	3.7	7
49	Sinu River raw water treatment by natural coagulants. <i>Revista Facultad De Ingeniería</i> , 2015, , .	0.5	6
50	Mercury Accumulation in Commercial Varieties of <i>Oryza sativa</i> L. Cultivated in Soils of La Mojana Region, Colombia. <i>Toxics</i> , 2021, 9, 304.	1.6	6
51	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.	0.7	5
52	Metales pesados (Pb, Cd, Ni, Zn, Hg) en tejidos de <i>Lutjanus synagris</i> y <i>Lutjanus vivanus</i> de la Costa de La Guajira, Norte de Colombia. <i>Revista Veterinaria Y Zootecnia De Caldas</i> , 2016, 10, 27-41.	0.0	3
53	Optimization of the Electrodeposition Conditions for Mercury Removal from Vegetal Biomass with Response Surface Methodology. <i>Portugaliae Electrochimica Acta</i> , 2013, 31, 107-117.	0.4	3
54	Treatment of Meat Industry Wastewater Using Electrochemical Treatment Method. <i>Portugaliae Electrochimica Acta</i> , 2015, 33, 223-230.	0.4	3

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55	Phytoremediation of mercury in soils impacted by gold mining: a case-study of Colombia. , 2021, , 145-160.		2
56	Evaluación de calidad del agua en la Quebrada Jui, afluente del río Sinú, Colombia. Revista U D C A Actualidad & Divulgación Científica, 2021, 24, .	0.1	2
57	Remoción de cipermetrina presente en el baño de ganado utilizando humedales construidos. Ciencia Tecnología Agropecuaria, 2016, 17, 203-216.	0.3	2
58	Determinación del rol del tiburón cazón antillano <i>Rhizoprionodon porosus</i> (Carcharhinidae) en el flujo de metilmercurio en las redes tróficas del Caribe colombiano. Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales, 2020, 44, 169-181.	0.0	2
59	Removal of Mercury, Cadmium, and Lead Ions by <i>Penicillium</i> sp.. <i>Frontiers in Environmental Chemistry</i> , 2022, 2, .	0.7	2
60	Contaminación por metales pesados en la bahía Cispatá en Córdoba-Colombia y su bioacumulación en macromicetos. <i>Gestión Y Ambiente</i> , 2019, 22, 43-53.	0.1	1
61	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.	0.5	1
62	Plaguicidas organoclorados en murciélagos (Chiroptera) asociados al bosque húmedo tropical en Córdoba, Colombia. <i>Caldasia</i> , 2021, 43, 320-330.	0.1	1
63	Fotocatálisis heterogénea para el tratamiento de aguas residuales generadas en el baño del ganado. <i>Revista De Investigación Agraria Y Ambiental</i> , 2019, 10, 115-126.	0.1	1
64	Metales pesados en macromicetos del manglar de la bahía Cispatá, Córdoba, Colombia. <i>Revista U D C A Actualidad & Divulgación Científica</i> , 2019, 22, .	0.1	1
65	Contenido de metales pesados en sedimentos y peces provenientes de las ciénagas Marimonda y El Salado en Antioquia, Colombia. <i>Gestión Y Ambiente</i> , 2020, 23, 239-249.	0.1	1
66	Bioacumulación de mercurio y plomo en el pato <i>Dendrocygna autumnalis</i> en la subregión de la Mojana, Colombia. <i>Revista MVZ Córdoba</i> , 2021, 27, e2337.	0.2	1
67	Efecto de la adición de enmiendas en la inmovilización de metales pesados en suelos mineros del sur de Bolívar, Colombia. <i>Ciencia Tecnología Agropecuaria</i> , 2021, 22, .	0.3	0
68	Ethnomedicinal Studies, Chemical Composition, and Antibacterial Activity of the <i>Mammea americana</i> L. Bark in the Municipality of Cartegui, Chocó, Colombia. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2022, 2022, 1-15.	0.7	0