

JosÃ© Luis Marrugo-Negrete

List of Publications by Year in descending order

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68
papers

1,953
citations

279487

23
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264894

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69
all docs

69
docs citations

69
times ranked

2038
citing authors

#	ARTICLE	IF	CITATIONS
1	Drivers of biomagnification of Hg, As and Se in aquatic food webs: A review. Environmental Research, 2022, 204, 112226.	3.7	36
2	Ethnomedicinal Studies, Chemical Composition, and Antibacterial Activity of the Mammea americana L. Bark in the Municipality of Cártegui, Chocó, Colombia. Advances in Pharmacological and Pharmaceutical Sciences, 2022, 2022, 1-15.	0.7	0
3	Removal of Mercury, Cadmium, and Lead Ions by Penicillium sp.. Frontiers in Environmental Chemistry, 2022, 2, .	0.7	2
4	Assessment of dissolved mercury by diffusive gradients in thin films devices in abandoned ponds impacted by small scale gold mining. Environmental Research, 2022, 208, 112633.	3.7	7
5	Phytoremediation of Soils Contaminated with Heavy Metals from Gold Mining Activities Using Clidemia sericea D. Don. Plants, 2022, 11, 597.	1.6	13
6	A human health risk assessment of methylmercury, arsenic and metals in a tropical river basin impacted by gold mining in the Colombian Pacific region. Environmental Research, 2022, 212, 113120.	3.7	10
7	Assessment of trace element pollution and ecological risks in a river basin impacted by mining in Colombia. Environmental Science and Pollution Research, 2021, 28, 201-210.	2.7	16
8	Mercury species in fish from a tropical river highly impacted by gold mining at the Colombian Pacific region. Chemosphere, 2021, 264, 128478.	4.2	12
9	Mercury distribution in different environmental matrices in aquatic systems of abandoned gold mines, Western Colombia: Focus on human health. Journal of Hazardous Materials, 2021, 404, 124080.	6.5	24
10	Phytoremediation of mercury in soils impacted by gold mining: a case-study of Colombia. , 2021, , 145-160.		2
11	Occupational human exposure to mercury in artisanal small-scale gold mining communities of Colombia. Environment International, 2021, 146, 106216.	4.8	38
12	Sea Cucumber as Bioindicator of Trace Metal Pollution in Coastal Sediments. Biological Trace Element Research, 2021, 199, 2022-2030.	1.9	16
13	Determination of arsenic chemical species in rice grains using high-performance liquid chromatography coupled to hydride generator with atomic fluorescence detector (HPLC-HG-AFS). MethodsX, 2021, 8, 101281.	0.7	5
14	Evaluación de calidad del agua en la Quebrada Jui, afluente del río Sinó, Colombia. Revista U D C A Actualidad & Divulgación Científica, 2021, 24, .	0.1	2
15	Heavy metal pollution and toxicity assessment in Mallorquin swamp: A natural protected heritage in the Caribbean Sea, Colombia. Marine Pollution Bulletin, 2021, 167, 112271.	2.3	11
16	Efecto de la adición de enmiendas en la inmovilización de metales pesados en suelos mineros del sur de Bolívar, Colombia. Ciencia Tecnología Agropecuaria, 2021, 22, .	0.3	0
17	Plaguicidas organoclorados en murciélagos (Chiroptera) asociados al bosque húmedo tropical en Córdoba, Colombia. Caldasia, 2021, 43, 320-330.	0.1	1
18	Bats are an excellent sentinel model for the detection of genotoxic agents. Study in a Colombian Caribbean region. Acta Tropica, 2021, 224, 106141.	0.9	9

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19	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
20	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
21	Phytoremediation potential of Cd and Pb-contaminated soils by <i>Paspalum fasciculatum</i> Willd. ex Flügge. <i>International Journal of Phytoremediation</i> , 2020, 22, 87-97.	1.7	27
22	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
23	Human health risk of methylmercury from fish consumption at the largest floodplain in Colombia. <i>Environmental Research</i> , 2020, 182, 109050.	3.7	28
24	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
25	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
26	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
27	Transfer and bioaccumulation of mercury from soil in cowpea in gold mining sites. <i>Chemosphere</i> , 2020, 250, 126142.	4.2	13
28	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
29	Determinación del rol del tiburón antillano <i>Rhizoprionodon porosus</i> (Carcharhinidae) en el flujo de metilmercurio en las redes tróficas del Caribe colombiano. <i>Revista De La Academia Colombiana De Ciencias Exactas, Físicas Y Naturales</i> , 2020, 44, 169-181.	0.0	2
30	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
31	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
32	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
33	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
34	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
35	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
36	Protein Carbonylation As a Biomarker of Heavy Metal, Cd and Pb, Damage in <i>Paspalum fasciculatum</i> Willd. ex Flügge. <i>Plants</i> , 2019, 8, 513.	1.6	8

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37	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
38	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
39	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
40	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
41	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
42	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
43	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.	3.7	332
44	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
45	Cytogenetic damage in peripheral blood lymphocytes of children exposed to pesticides in agricultural areas of the department of Córdoba, Colombia. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 824, 25-31.	0.9	28
46	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
47	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
48	Genetic damage in <i>Rhinella marina</i> populations in habitats affected by agriculture in the middle region of the Sinú River, Colombia. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27392-27401.	2.7	15
49	Mercury uptake and effects on growth in <i>Jatropha curcas</i> . <i>Journal of Environmental Sciences</i> , 2016, 48, 120-125.	3.2	50
50	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
51	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
52	Remoción de cipermetrina presente en el baño de ganado utilizando humedales construidos. <i>Ciencia Tecnología Agropecuaria</i> , 2016, 17, 203-216.	0.3	2
53	Sinú River raw water treatment by natural coagulants. <i>Revista Facultad De Ingeniería</i> , 2015, , .	0.5	6
54	Phytoremediation of mercury-contaminated soils by <i>Jatropha curcas</i> . <i>Chemosphere</i> , 2015, 127, 58-63.	4.2	156

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55	Geochemistry of mercury in tropical swamps impacted by gold mining. <i>Chemosphere</i> , 2015, 134, 44-51.	4.2	46
56	Speciation and bioavailability of mercury in sediments impacted by gold mining in Colombia. <i>Chemosphere</i> , 2015, 119, 1289-1295.	4.2	104
57	Treatment of Meat Industry Wastewater Using Electrochemical Treatment Method. <i>Portugaliae Electrochimica Acta</i> , 2015, 33, 223-230.	0.4	3
58	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
59	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
60	Organochlorine Pesticides in Soils from the Middle and Lower Siné River Basin (Córdoba, Colombia). <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	11
61	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
62	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
63	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
64	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, 118-132.	1.9	47
65	²¹⁰ Pb-derived Sedimentation Rates and Corg Fluxes in Soledad Lagoon (Cispatá Lagoon System, NW) Tj ETQq1 1,0784314, rgBT /Ove	1.0	17
66	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
67	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
68	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