Lia Mendez-Rodriguez

List of Publications by Year
in descending order

78	1,285	394286 19	414303 32
papers	citations	h-index	g-index

83	83	83	1498
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trace elements in pelagic Sargassum species in the Mexican Caribbean: Identification of key variables affecting arsenic accumulation in S. fluitans. Science of the Total Environment, 2022, 806, 150657.	3.9	21
2	Macroalgae contribution to the diet of two sea urchins in Sargassum Beds: Tripneustes depressus (Camarodonta: Toxopneustidae) and Eucidaris thouarsii (Cidaroide: Cidaridae). Regional Studies in Marine Science, 2022, , 102456.	0.4	1
3	Cadmium, Lead, Copper, Zinc, and Iron Concentration Patterns in Three Marine Fish Species from Two Different Mining Sites inside the Gulf of California, Mexico. International Journal of Environmental Research and Public Health, 2021, 18, 844.	1.2	24
4	Nutritional content of Totoaba macdonaldi (Gilbert, 1890), Antioxidants and lipid peroxidation in muscle. PeerJ, 2021, 9, e11129.	0.9	0
5	Influence of sex and maturity state on trace elements content in liver and muscle of the SciaenidaeTotoaba macdonaldi. PeerJ, 2021, 9, e11068.	0.9	0
6	Diet and trophic position of three common rocky reef fish at two locations in the Gulf of California. Regional Studies in Marine Science, 2021, 47, 101964.	0.4	3
7	Species composition and chemical characterization of Sargassum influx at six different locations along the Mexican Caribbean coast. Science of the Total Environment, 2021, 795, 148852.	3.9	47
8	Macroalgae from two coastal lagoons of the Gulf of California as indicators of heavy metal contamination by anthropogenic activities. Journal of the Marine Biological Association of the United Kingdom, 2021, 101, 1089-1101.	0.4	2
9	Antioxidant response to cadmium exposure in primary skeletal muscle cells isolated from humans and elephant seals. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 227, 108641.	1.3	1
10	Using carbon and nitrogen stable isotope modelling to assess dietary mercury exposure for pregnant women in Baja California Sur, Mexico. Chemosphere, 2019, 234, 702-714.	4.2	4
11	Micronutrient content and antioxidant enzyme activities in human breast milk. Journal of Trace Elements in Medicine and Biology, 2019, 51, 36-41.	1.5	25
12	Differences in metal content in liver of Heteromyids from deposits with and without previous mining operations. Therya, 2019, 10, 235-242.	0.2	1
13	Temporal variation in oxidative stress indicators in liver of totoaba (Totoaba macdonaldi) Perciformes: Sciaenidae. Journal of the Marine Biological Association of the United Kingdom, 2018, 98, 833-844.	0.4	4
14	Temporal variability of enterococci and associated sources at three subtropical recreational beaches. Oceanological and Hydrobiological Studies, 2018, 47, 327-336.	0.3	1
15	Estuaries and Coastal Lagoons of Mexico: Challenges for Science, Management, and Conservation. , 2018, , 251-283.		7
16	Arsenic Concentration in the Surface Water of a Former Mining Area: The La Junta Creek, Baja California Sur, Mexico. International Journal of Environmental Research and Public Health, 2018, 15, 437.	1.2	4
17	Reproductive Biology of the Red Crab Pleuroncodes planipes (Anomuran, Galatheid) on the West Coast of the Baja California Peninsula, Mexico. Journal of Shellfish Research, 2018, 37, 1093.	0.3	0
18	Detecting Eutrophication Symptoms in a Subtropical Semi-Arid Coastal Lagoon by Means of Three Different Methods. Wetlands, 2017, 37, 1105-1118.	0.7	9

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19	CALIDAD DE SEDIMENTOS ASOCIADA A ACTIVIDADES ANTRÃ“PICAS EN LAGUNAS COSTERAS SEMIÃRIDAS SUBTROPICALES DE LA COSTA CENTRAL ESTE DEL GOLFO DE CALIFORNIA. Revista Internacional De Contaminacion Ambiental, 2017, 33, 7-22.	0.1	14
20	Oxidative damage to proteins related to metals and antioxidant defenses in breastmilk. Nutricion Hospitalaria, 2017, 34, 59.	0.2	12
21	Assessment of eutrophication in a subtropical lagoon in the Gulf of California. Aquatic Ecosystem Health and Management, 2016, 19, 382-392.	0.3	11
22	Assessment of Trace Metals in Soil, Vegetation and Rodents in Relation to Metal Mining Activities in an Arid Environment. Bulletin of Environmental Contamination and Toxicology, 2016, 97, 44-49.	1.3	12
23	Analysis of hydrobiological responses to anthropogenic and natural influences in a lagoon system in the Gulf of California. Oceanological and Hydrobiological Studies, 2016, 45, 112-120.	0.3	9
24	Persistent organic pollutants (POPs) in populations of the clam Chione californiensisin coastal lagoons of the Gulf of California. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 435-445.	0.7	2
25	Concentrations of trace elements in sea urchins and macroalgae commonly present in Sargassum beds: implications for trophic transfer. Ecological Research, 2016, 31, 785-798.	0.7	12
26	Changes in fatty acids, sterols, pigments, lipid classes, and heavy metals of cooked or dried meals, compared to fresh marine by-products. Animal Feed Science and Technology, 2016, 221, 195-205.	1.1	28
27	Predation on turtle nests in the southwestern coast of the Baja California Peninsula. Revista Mexicana De Biodiversidad, 2016, 87, 483-488.	0.4	3
28	Spatio-temporal distribution and abundance patterns of red crab Pleuroncodes planipes related to ocean temperature from the Pacific coast of the Baja California Peninsula. Fisheries Science, 2016, 82, 1-15.	0.7	10
29	Purine metabolism in response to hypoxic conditions associated with breath-hold diving and exercise in erythrocytes and plasma from bottlenose dolphins (Tursiops truncatus). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2016, 191, 196-201.	0.8	12
30	Purine nucleoside phosphorylase and the enzymatic antioxidant defense system in breast milk from women with different levels of arsenic exposure. Nutricion Hospitalaria, 2015, 31, 2289-96.	0.2	3
31	Transmission of the Ebola virus in the wild. Therya, 2015, 6, 515-518.	0.2	0
32	Effects of Sewage Discharge on Trophic State and Water Quality in a Coastal Ecosystem of the Gulf of California. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	20
33	Marine diet and tobacco exposure affects mercury concentrations in pregnant women (I) from Baja California Sur, Mexico. Toxicology Reports, 2014, 1, 1123-1132.	1.6	8
34	Relationship between self-reported fish and shellfish consumption, carbon and nitrogen stable isotope values and total mercury concentrations in pregnant women (II) from Baja California Sur, Mexico. Toxicology Reports, 2014, 1, 1115-1122.	1.6	5
35	Metal mobility and bioaccumulation differences at lower trophic levels in marine ecosystems dominated bySargassumspecies. Journal of the Marine Biological Association of the United Kingdom, 2014, 94, 435-442.	0.4	13
36	Vitamins C and E concentrations in muscle of elasmobranch and teleost fishes. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2014, 170, 26-30.	0.8	7

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37	Arsenic content in groundwater from the southern part of the San Antonio-El Triunfo mining district, Baja California Sur, Mexico. Journal of Hydrology, 2014, 518, 447-459.	2.3	31
38	Influence of trace elements in the epigenetic of mammals. Therya, 2014, 5, 817-829.	0.2	1
39	Antioxidant responses of damiana (Turnera diffusa Willd) to exposure to artificial ultraviolet (UV) radiation in an in vitro model; part ii; UV-B radiation. Nutricion Hospitalaria, 2014, 29, 1116-22.	0.2	4
40	Interaction between mercury (Hg), arsenic (As) and selenium (Se) affects the activity of glutathione S-transferase in breast milk; possible relationship with fish and sellfish intake. Nutricion Hospitalaria, 2014, 30, 436-46.	0.2	18
41	Antioxidant responses of damiana (Turnera diffusa Willd) to exposure to artificial ultraviolet (UV) radiation in an in vitro model; part I; UV-C radiation. Nutricion Hospitalaria, 2014, 29, 1109-15.	0.2	7
42	Efficiency of copper removal by Sargassum sinicola in batch and continuous systems. Journal of Applied Phycology, 2013, 25, 1933-1937.	1.5	2
43	Applying generalized linear models as an explanatory tool of sex steroids, thyroid hormones and their relationships with environmental and physiologic factors in immature East Pacific green sea turtles (Chelonia mydas). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2013, 166, 91-100.	0.8	15
44	Interaction between Selenium (Se) and Mercury (Hg) Affects the Activity of Glutathione S-Transferase in Breast Milk; Possible Relationship with Fish and Shellfish Intake. Free Radical Biology and Medicine, 2013, 65, S112.	1.3	3
45	Oxidative stress indicators and trace element concentrations in tissues of mako shark (Isurus) Tj ETQq1 1 0.784314 rgBT /Overlock 1 2013, 165, 508-514.	0.8	32
46	Trace elements and oxidative stress indicators in the liver and kidney of the blue shark (Prionace) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 2013, 165, 483-490.	0.8	51
47	Differences in arsenic, molybdenum, barium, and other physicochemical relationships in groundwater between sites with and without mining activities. Natural Science, 2013, 05, 238-243.	0.2	5
48	Oxidative stress indicators and trace elements in the blue shark (Prionace glauca) off the east coast of the Mexican Pacific Ocean. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 156, 59-66.	1.3	39
49	Antioxidant and trace element content of damiana (Turnera diffusa Willd) under wild and cultivated conditions in semi-arid zones. Industrial Crops and Products, 2012, 37, 321-327.	2.5	17
50	Biosorption Capacity for Cadmium of Brown Seaweed Sargassum sinicola and Sargassum lapazeanum in the Gulf of California. Water, Air, and Soil Pollution, 2011, 221, 137-144.	1.1	14
51	Oxidative stress indicators and chemical contaminants in East Pacific green turtles (Chelonia mydas) inhabiting two foraging coastal lagoons in the Baja California peninsula. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 154, 65-75.	1.3	45
52	Assessment of Metallothioneins in Tissues of the Clam Megapitaria squalida as Biomarkers for Environmental Cadmium Pollution From Areas Enriched in Phosphorite. Archives of Environmental Contamination and Toxicology, 2010, 59, 255-263.	2.1	9
53	Invasive migration of a mainland rodent to santa catalina island and its effect on the endemic species Peromyscus slevini. Biological Invasions, 2010, 12, 437-439.	1.2	4
54	Copper and Cadmium Biosorption by Dried Seaweed Sargassum sinicola in Saline Wastewater. Water, Air, and Soil Pollution, 2010, 210, 197-202.	1.1	28

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55	Evaluation of toxicity of polluted marine sediments from BahÃa Salina Cruz, Mexico. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 121-127.	0.9	4
56	Health Indices of the Green Turtle (Chelonia mydas) Along the Pacific Coast of Baja California Sur, Mexico. I. Blood Biochemistry Values. Chelonian Conservation and Biology, 2010, 9, 162-172.	0.1	30
57	Health Indices of the Green Turtle (Chelonia mydas) Along the Pacific Coast of Baja California Sur, Mexico. II. Body Condition Index. Chelonian Conservation and Biology, 2010, 9, 173-183.	0.1	38
58	Assessment of benthic changes during 20Âyears of monitoring the Mexican Salina Cruz Bay. Environmental Monitoring and Assessment, 2009, 149, 113-132.	1.3	4
59	Antioxidant Enzymes and Heavy Metal Levels in Tissues of the Black Chocolate Clam Megapitaria squalida in BahÃa de La Paz, Mexico. Archives of Environmental Contamination and Toxicology, 2009, 56, 60-66.	2.1	20
60	Heavy Metal Levels in Marine Mollusks from Areas With, or Without, Mining Activities Along the Gulf of California, Mexico. Archives of Environmental Contamination and Toxicology, 2009, 57, 96-102.	2.1	29
61	Distinguishing the Hydrochemistry of Two Hydrological Basins in Northern Mexico Using Factor Analysis. Water Quality Research Journal of Canada, 2008, 43, 111-119.	1.2	1
62	Environmental Assessment of Aromatic Hydrocarbons-Contaminated Sediments of the Mexican Salina Cruz Bay. Environmental Monitoring and Assessment, 2007, 133, 187-207.	1.3	10
63	Heavy Metals in the Clam Megapitaria squalida Collected from Wild and Phosphorite Mine-Impacted Sites in Baja California, Mexico: Considerations for Human Health Effects. Biological Trace Element Research, 2006, 110, 275-288.	1.9	24
64	Distribution, Enrichment and Accumulation of Heavy Metals in Coastal Sediments of Salina Cruz Bay, MÃ©xico. Environmental Monitoring and Assessment, 2006, 118, 211-230.	1.3	139
65	Heavy Metal Accumulation in Four Species of Sea Turtles from the Baja California Peninsula, Mexico. BioMetals, 2006, 19, 91-99.	1.8	101
66	Total and methylmercury in three species of sea turtles of Baja California Sur. Marine Pollution Bulletin, 2006, 52, 1816-1823.	2.3	55
67	Development in the Sea of CortÃ©s Calls for Mitigation. BioScience, 2006, 56, 825.	2.2	5
68	Effect of sediment on growth and survival of post-larval Litopenaeus stylirostris (Boone, 1931). Aquaculture Research, 2004, 35, 652-658.	0.9	3
69	Anomalous Levels of Heavy Metals in Sediments from Guaymas Bay, Mexico. Bulletin of Environmental Contamination and Toxicology, 2004, 72, 1101-6.	1.3	2
70	Analysis of mammal remains from owl pellets (Tyto alba), in a suburban area in Baja California. Journal of Arid Environments, 2004, 59, 59-69.	1.2	20
71	Oryzomys nelsoni. Mammalian Species, 2003, 735, 1.	0.4	1
72	Trace metals in tissues of gray whale (Eschrichtius robustus) carcasses from the Northern Pacific Mexican Coast. Marine Pollution Bulletin, 2002, 44, 217-221.	2.3	30

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73	Heavy Metals in Clams from Guaymas Bay, Mexico. Bulletin of Environmental Contamination and Toxicology, 2002, 68, 217-223.	1.3	16
74	Comparative Analysis of Heavy Metals in Two Species of Ichthyophagous Bats Myotis vivesi andNoctilio leporinus. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 51-54.	1.3	12
75	Scallop growout using a new bottom-culture system. Aquaculture, 2000, 189, 73-84.	1.7	16
76	Mineral Concentrations in Muscle and Hepatopancreas of Newly Caught Wild and Hatchery-Exhausted Spawners of Pacific White Shrimp,Penaeus vannamei. Journal of Applied Aquaculture, 1999, 8, 17-26.	0.7	5
77	Trace Metal Distribution Along the Southern Coast of Bahia de La Paz (Gulf of California), MÃ©xico. Bulletin of Environmental Contamination and Toxicology, 1998, 61, 616-622.	1.3	29
78	Effect of stocking densities on trace metal concentration in three tissues of the brown shrimp Penaeus californiensis. Aquaculture, 1997, 156, 21-34.	1.7	17