

Gerardo Gold Gold-Bouchot

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,285
citations

304602

22
h-index

395590

33
g-index

60
all docs

60
docs citations

60
times ranked

1446
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of esterase activity and characterization of cholinesterases in the reef fish <i>Haemulon plumieri</i> . <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 787-797.	2.9	65
2	Organochlorine pesticides in soils and air of southern Mexico: Chemical profiles and potential for soil emissions. <i>Atmospheric Environment</i> , 2008, 42, 7737-7745.	1.9	61
3	Characterization of cholinesterase activity from different tissues of Nile tilapia (<i>Oreochromis Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>)	1.1	58
4	Large-scale environmental influences on the benthic macroinfauna of the southern Gulf of Mexico. <i>Estuarine, Coastal and Shelf Science</i> , 2003, 58, 825-841.	0.9	50
5	Histopathological effects of petroleum hydrocarbons and heavy metals on the American oyster (<i>Crassostrea virginica</i>) from Tabasco, Mexico. <i>Marine Pollution Bulletin</i> , 1995, 31, 439-445.	2.3	47
6	Lead contamination in the Mexican Caribbean recorded by the coral <i>Montastraea annularis</i> (Ellis and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	47
7	Cell wall composition affects Cd ²⁺ accumulation and intracellular thiol peptides in marine red algae. <i>Aquatic Toxicology</i> , 2007, 81, 65-72.	1.9	46
8	Organochlorine Pesticides and Polychlorinated Biphenyls Levels in Human Milk from Chelem, Yucatán, México. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 255-259.	1.3	45
9	Passive Air Sampling of Organochlorine Pesticides in Mexico. <i>Environmental Science & Technology</i> , 2009, 43, 704-710.	4.6	45
10	Polynuclear Aromatic Hydrocarbons in American Oysters <i>Crassostrea virginica</i> from the Terminos Lagoon, Campeche, Mexico. <i>Marine Pollution Bulletin</i> , 1999, 38, 637-645.	2.3	42
11	Anaerobic–Aerobic Biodegradation of DDT (Dichlorodiphenyl Trichloroethane) in Soils. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1999, 63, 219-225.	1.3	36
12	Effect of Pyrene on Hepatic Cytochrome P450 1A (CYP1A) Expression in Nile Tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	36
13	CICHLIDOGYRUS SCLEROSUS (MONOGENEA: ANCYROCEPHALINAE) AND ITS HOST, THE NILE TILAPIA (<i>OREOCHROMIS NILOTICUS</i>), AS BIOINDICATORS OF CHEMICAL POLLUTION. <i>Journal of Parasitology</i> , 2007, 93, 1097-1106.	0.3	35
14	Environmental monitoring using acetylcholinesterase inhibition in vitro. A case study in two Mexican lagoons. <i>Marine Environmental Research</i> , 2000, 50, 357-360.	1.1	33
15	Potential interactions between metazoan parasites of the Mayan catfish <i>Ariopsis assimilis</i> and chemical pollution in Chetumal Bay, Mexico. <i>Journal of Helminthology</i> , 2003, 77, 173-184.	0.4	33
16	The checkered puffer (<i>Spheroides testudineus</i>) and its helminths as bioindicators of chemical pollution in Yucatan coastal lagoons. <i>Science of the Total Environment</i> , 2009, 407, 2315-2324.	3.9	33
17	Persistent organic pollutants and histological lesions in Mayan catfish <i>Ariopsis assimilis</i> from the Bay of Chetumal, Mexico. <i>Marine Pollution Bulletin</i> , 2004, 48, 263-269.	2.3	30
18	o,pâ€²-DDT induction of vitellogenesis and its inhibition by tamoxifen in Nile tilapia (<i>Oreochromis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	29

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19	Endocrine disruption mechanism of o,p'-DDT in mature male tilapia (<i>Oreochromis niloticus</i>). <i>Toxicology and Applied Pharmacology</i> , 2007, 221, 158-167.	1.3	26
20	Biomarkers and pollutants in the Nile Tilapia, <i>Oreochromis niloticus</i> , in four lakes from San Miguel, Chiapas, Mexico. <i>International Journal of Environment and Pollution</i> , 2006, 26, 129.	0.2	24
21	Pollutants and biomarker responses in two reef fish species (<i>Haemulon aurolineatum</i> and <i>Ocyurus</i>) Tj ETQq1 1 0.784314 rgBT /Overlo 2.3	2.3	24
22	The pink shrimp <i>Farfantepenaeus duorarum</i> , its symbionts and helminths as bioindicators of chemical pollution in Campeche Sound, Mexico. <i>Journal of Helminthology</i> , 2006, 80, 159-174.	0.4	23
23	Hydrocarbon Concentrations in Oysters (<i>Crassostrea virginica</i>) and Recent Sediments from Three Coastal Lagoons in Tabasco, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1997, 59, 430-437.	1.3	21
24	Towards a coastal condition assessment and monitoring of the Gulf of Mexico Large Marine Ecosystem (GoM LME): Terminos Lagoon pilot site. <i>Environmental Development</i> , 2013, 7, 72-79.	1.8	21
25	Thiol peptides induction in the seagrass <i>Thalassia testudinum</i> (Banks ex KÄnig) in response to cadmium exposure. <i>Aquatic Toxicology</i> , 2008, 86, 12-19.	1.9	20
26	Benthic infauna variability in relation to environmental factors and organic pollutants in tropical coastal lagoons from the northern Yucatan Peninsula. <i>Marine Pollution Bulletin</i> , 2012, 64, 2725-2733.	2.3	20
27	Biological responses of shoal flounder (<i>Syacium gunteri</i>) to toxic environmental pollutants from the southern Gulf of Mexico. <i>Environmental Pollution</i> , 2020, 258, 113669.	3.7	20
28	Chlorinated pesticides in the Rio Palizada, Campeche, Mexico. <i>Marine Pollution Bulletin</i> , 1993, 26, 648-650.	2.3	19
29	Organochlorine pesticide residue concentrations in biota and sediments from Rio Palizada, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1995, 54, 554-61.	1.3	19
30	Hydrocarbon and Organochlorine Residue Concentrations in Sediments from Bay of Chetumal, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998, 61, 80-87.	1.3	17
31	Toxicity of sediments from BahÄa de Chetumal, MÄxico, as assessed by hepatic EROD induction and histology in Nile tilapia <i>Oreochromis niloticus</i> . <i>Marine Environmental Research</i> , 2000, 50, 385-391.	1.1	17
32	Biological effects of environmental pollutants in American Oyster, <i>Crassostrea virginica</i> : a field study in Laguna de Terminos, Mexico. <i>International Journal of Environment and Health</i> , 2007, 1, 171.	0.3	17
33	The characterization of cytosolic glutathione transferase from four species of sea turtles: Loggerhead (<i>Caretta caretta</i>), green (<i>Chelonia mydas</i>), olive ridley (<i>Lepidochelys olivacea</i>), and hawksbill (<i>Eretmochelys imbricata</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2009, 150, 279-284.	1.3	17
34	Effects of oil spill related chemical pollution on helminth parasites in Mexican flounder <i>Cyclopsetta chittendeni</i> from the Campeche Sound, Gulf of Mexico. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 162-169.	2.9	16
35	Vitellogenin Induction and Increased Plasma 17Ä-Estradiol Concentrations in Male Nile Tilapia, <i>Oreochromis niloticus</i> , Exposed to Organochlorine Pollutants and Polycyclic Aromatics Hydrocarbons. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 81, 543-547.	1.3	14
36	A mesocosm experiment to determine half-lives of individual hydrocarbons in simulated oil spill scenarios with and without the dispersant, Corexit. <i>Marine Pollution Bulletin</i> , 2020, 151, 110804.	2.3	13

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37	Hydrocarbon concentrations in the American oyster, <i>Crassostrea virginica</i> , in Laguna de Terminos, Campeche, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1995, 54, 222-7.	1.3	12
38	Preliminary studies of biochemical changes (ethoxycoumarin O-deethylase activities and vitellogenin) in the Gulf of Mexico. <i>Ecotoxicology and Environmental Safety</i> , 2005, 61, 98-104.	2.9	12
39	Biodegradation of hexadecane using sediments from rivers and lagoons of the Southern Gulf of Mexico. <i>Marine Pollution Bulletin</i> , 2018, 128, 202-207.	2.3	12
40	Trace metals in the American oyster, <i>Crassostrea virginica</i> , and sediments from the coastal lagoons Mecoacan, Carmen and Machona, Tabasco, Mexico. <i>Chemosphere</i> , 1997, 34, 2437-2450.	4.2	11
41	Heavy Metals and Hydrocarbons in Sediments from Three Lakes from San Miguel, Chiapas, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004, 73, 762-9.	1.3	10
42	Transitional carbonate-terrigenous shelf sub-environments inferred from textural characteristics of surficial sediments in the Southern Gulf of Mexico. <i>Continental Shelf Research</i> , 2005, 25, 1836-1852.	0.9	10
43	Ecotoxicological effects of POPs on ariidae <i>Ariopsis felis</i> (Linnaeus, 1766) from three coastal ecosystems in the Southern Gulf of Mexico and Yucatan Peninsula. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2007, 42, 1513-1520.	0.9	10
44	Temporal Variation of Persistent Organic Pollutant (POP) Residue Concentrations in Sediments from the Bay of Chetumal, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2007, 79, 141-146.	1.3	10
45	Environmental and anthropogenic factors affecting the probability of occurrence of <i>Oncomelas wageneri</i> (Cestoda: Trypanorhyncha) in the southern Gulf of Mexico. <i>Parasites and Vectors</i> , 2015, 8, 609.	1.0	10
46	Effect of the use of <i>Bacillus</i> spp. on the characteristics of dissolved fluorescent organic matter and the phytochemical quality of <i>Stevia rebaudiana</i> grown in a recirculating aquaponic system. <i>Environmental Science and Pollution Research</i> , 2021, 28, 36326-36343.	2.7	9
47	The metazoan parasite communities of the shoal flounder (<i>Syacium gunteri</i>) as bioindicators of chemical contamination in the southern Gulf of Mexico. <i>Parasites and Vectors</i> , 2014, 7, 541.	1.0	8
48	Inter-laboratory calibration of estimated oil equivalent (EOE) concentrations of a water accommodated fraction (WAF) of oil and a chemically enhanced WAF (CEWAF). <i>Heliyon</i> , 2019, 5, e01174.	1.4	7
49	An aromatase inhibitor and tamoxifen decrease plasma levels of o,p'-DDT and its metabolites in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Marine Environmental Research</i> , 2004, 58, 337-342.	1.1	6
50	Polybrominated diphenyl ethers (PBDE) and hexabromocyclododecane (HBCD) in liver of checkered puffer (<i>Sphoeroides testudineus</i>) from Ria Lagartos, Yucatan, Mexico. <i>Marine Pollution Bulletin</i> , 2019, 146, 488-492.	2.3	6
51	Spatial and temporal variability of sea breezes and synoptic influences over the surface wind field of the Yucatan Peninsula. , 2020, 33, 123-142.		6
52	Trace Metals in Sediments from Bahia de Chetumal, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003, 70, 1228-1234.	1.3	5
53	Brominated Flame Retardants in Sediments of Four Coastal Lagoons of Yucatan, Mexico. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 101, 160-165.	1.3	5
54	Chromophoric dissolved organic matter (CDOM) in a subtropical estuary (Galveston Bay, USA) and the impact of Hurricane Harvey. <i>Environmental Science and Pollution Research</i> , 2021, 28, 53045-53057.	2.7	5

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55	PERSISTENT ORGANIC POLLUTANTS IN SERUM AND BREAST MILK OF FERTILE-AGED WOMEN. Revista Internacional De Contaminacion Ambiental, 2019, 35, 281-293.	0.1	4
56	Hydrocarbon concentrations in sediments and clams (<i>Rangia cuneata</i>) in Laguna de Pom, Mexico. Bulletin of Environmental Contamination and Toxicology, 1994, 52, 39-45.	1.3	3
57	Oil Pollution in the Southern Gulf of Mexico: Field and Laboratory Studies. Bulletin of Environmental Contamination and Toxicology, 2022, 108, 1-2.	1.3	2
58	Tamoxifen Affects the Toxicokinetics of o,p'-DDT in Male Nile Tilapia (<i>Oreochromis niloticus</i>). Bulletin of Environmental Contamination and Toxicology, 2010, 85, 545-549.	1.3	1
59	Microbial Activity in Marine Sediments Exposed to Hexadecane: A Laboratory Study. Clean - Soil, Air, Water, 2017, 45, 1700531.	0.7	1
60	Characteristics of Chromophoric Dissolved Organic Matter (CDOM) Produced by Heterotrophic Bacteria Isolated from Aquaculture Systems. Journal of Marine Science and Engineering, 2022, 10, 672.	1.2	1