

Ramon Lavado

List of Publications by Year in descending order

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56
papers

1,583
citations

346980

22
h-index

340414

39
g-index

58
all docs

58
docs citations

58
times ranked

2328
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced biotransformation of polycyclic aromatic hydrocarbons (PAHs) in pollution-adapted Gulf killifish (<i>Fundulus grandis</i>). <i>Science of the Total Environment</i> , 2022, 806, 150854.	3.9	3
2	In vitro-in vivo biotransformation and phase I metabolite profiling of benzo[a]pyrene in Gulf killifish (<i>Fundulus grandis</i>) populations with different exposure histories. <i>Aquatic Toxicology</i> , 2022, 243, 106057.	1.9	4
3	Metabolomics of peripheral artery disease. <i>Advances in Clinical Chemistry</i> , 2022, 106, 67-89.	1.8	0
4	The use of in vitro methods in assessing human health risks associated with short-chain perfluoroalkyl and polyfluoroalkyl substances (PFAS). <i>Journal of Applied Toxicology</i> , 2022, 42, 1298-1309.	1.4	8
5	Seasonal Characterization of Bacterial Communities in Industrial Wastewater and Their Relationship with Flocculation Indices and Extracellular Polymeric Substances. <i>ACS ES&T Water</i> , 2021, 1, 1411-1419.	2.3	0
6	Oxidative Potential of Chemical Mixtures Extracted from Contaminated Galveston Bay, TX Seafood Using a Human Cell Co-culture Model. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 78, 149-162.	2.1	0
7	Altered expression and activity of phase I and II biotransformation enzymes in human liver cells by perfluorooctanoate (PFOA) and perfluorooctane sulfonate (PFOS). <i>Toxicology</i> , 2020, 430, 152339.	2.0	38
8	Plasma Vitellogenin Reveals Potential Seasonal Estrogenicity in Fish from On-Site Wastewater Treatment Systems in Semi-Arid Streams Influenced by Snowmelt. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 105, 692-698.	1.3	1
9	Multi-approach assessment for the evaluation of spatio-temporal estrogenicity in fish from effluent-dominated surface waters under low instream flow. <i>Environmental Pollution</i> , 2020, 265, 115122.	3.7	7
10	The Nitric Oxide System in Peripheral Artery Disease: Connection with Oxidative Stress and Biopterins. <i>Antioxidants</i> , 2020, 9, 590.	2.2	23
11	Pharmaceutical uptake kinetics in rainbow trout: In situ bioaccumulation in an effluent-dominated river influenced by snowmelt. <i>Science of the Total Environment</i> , 2020, 736, 139603.	3.9	15
12	Metabolomic-based assessment reveals dysregulation of lipid profiles in human liver cells exposed to environmental obesogens. <i>Toxicology and Applied Pharmacology</i> , 2020, 398, 115009.	1.3	16
13	Altered Metabolomic Profile in Patients with Peripheral Artery Disease. <i>Journal of Clinical Medicine</i> , 2019, 8, 1463.	1.0	22
14	<i>Pymnesium parvum</i> differentially triggers sublethal fish antioxidant responses in vitro among salinity and nutrient conditions. <i>Aquatic Toxicology</i> , 2019, 213, 105214.	1.9	8
15	Applicability of a human cell co-culture model to evaluate antioxidant responses triggered by chemical mixtures in fish and oyster homogenates. <i>Food and Chemical Toxicology</i> , 2019, 128, 154-162.	1.8	1
16	Applicability of in vitro methods in evaluating the biotransformation of polycyclic aromatic hydrocarbons (PAHs) in fish: Advances and challenges. <i>Science of the Total Environment</i> , 2019, 671, 685-695.	3.9	25
17	Metabolomic Profiling of Amino Acid Metabolism in Peripheral Artery Disease Patients. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 418-418.	0.2	0
18	Xenobiotic metabolism in the fish hepatic cell lines Hepa-E1 and RTH-149, and the gill cell lines RTgill-W1 and G1B: Biomarkers of CYP450 activity and oxidative stress. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 206-207, 32-40.	1.3	14

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19	Effects of Limb Revascularization Procedures on Oxidative Stress. <i>Journal of Surgical Research</i> , 2018, 232, 503-509.	0.8	10
20	Induced pesticide tolerance results from detoxification pathway priming. <i>Environmental Pollution</i> , 2017, 224, 615-621.	3.7	7
21	Biochemical Mechanisms for Geographical Adaptations to Novel Toxin Exposures in Butterflyfish. <i>PLoS ONE</i> , 2016, 11, e0154208.	1.1	7
22	Exploring the Impacts of Two Separate Mixtures of Pesticide and Surfactants on Estrogenic Activity in Male Fathead Minnows and Rainbow Trout. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 68, 362-370.	2.1	10
23	Differential Gene Expression in Liver, Gill, and Olfactory Rosettes of Coho Salmon (<i>Oncorhynchus tshawytscha</i>) Exposed to 1,1-Dichloro-2,2-Bis(4-Chlorophenyl) Ethane (DDE). <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1380-1390.	1.1	22
24	Bioaccumulation of organochlorine contaminants and ethoxyresorufin O-deethylase activity in southern California round stingrays (<i>Urolophus halleri</i>) exposed to planar aromatic compounds. <i>Environmental Toxicology and Chemistry</i> , 2014, 33, 1380-1390.	2.2	39
25	Evaluation of the stereoselective biotransformation of permethrin in human liver microsomes: Contributions of cytochrome P450 monooxygenases to the formation of estrogenic metabolites. <i>Toxicology Letters</i> , 2014, 226, 192-197.	0.4	20
26	Trenbolone acetate metabolites promote ovarian growth and development in adult Japanese medaka (<i>Oryzias latipes</i>). <i>General and Comparative Endocrinology</i> , 2014, 202, 1-7.	0.8	12
27	Effects of salinity acclimation on the expression and activity of Phase I enzymes (CYP450 and FMOs) in coho salmon (<i>Oncorhynchus kisutch</i>). <i>Fish Physiology and Biochemistry</i> , 2014, 40, 267-278.	0.9	16
28	Impacts of hypersaline acclimation on the acute toxicity of the organophosphate chlorpyrifos to salmonids. <i>Aquatic Toxicology</i> , 2014, 152, 284-290.	1.9	14
29	Effects of salinity acclimation on the pesticide-metabolizing enzyme flavin-containing monooxygenase (FMO) in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 157, 9-15.	1.3	11
30	Analytical and Biological Characterization of Halogenated Gemfibrozil Produced through Chlorination of Wastewater. <i>Environmental Science & Technology</i> , 2012, 46, 5583-5589.	4.6	47
31	Reconstitution Studies of Pesticides and Surfactants Exploring the Cause of Estrogenic Activity Observed in Surface Waters of the San Francisco Bay Delta. <i>Environmental Science & Technology</i> , 2012, 46, 9106-9111.	4.6	40
32	Effects of salinity on the toxicity and biotransformation of l-selenomethionine in Japanese medaka (<i>Oryzias latipes</i>) embryos: Mechanisms of oxidative stress. <i>Aquatic Toxicology</i> , 2012, 108, 18-22.	1.9	35
33	Hypersalinity Acclimation Increases the Toxicity of the Insecticide Phorate in Coho Salmon (<i>Oncorhynchus kisutch</i>). <i>Environmental Science & Technology</i> , 2011, 45, 4623-4629.	4.6	25
34	Microsomal biotransformation of chlorpyrifos, parathion and fenthion in rainbow trout (<i>Oncorhynchus mykiss</i>) and coho salmon (<i>Oncorhynchus kisutch</i>): Mechanistic insights into interspecific differences in toxicity. <i>Aquatic Toxicology</i> , 2011, 101, 57-63.	1.9	28
35	Impacts of climate change on hypersaline conditions of estuaries and xenobiotic toxicity. <i>Aquatic Toxicology</i> , 2011, 105, 78-82.	1.9	43
36	Bioassay Guided Fractionation (Toxicity Identification and Evaluation) for the Determination of Estrogenic Agents in Environmental Samples. <i>ACS Symposium Series</i> , 2010, , 519-537.	0.5	0

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37	Stereoselective Biotransformation of Permethrin to Estrogenic Metabolites in Fish. <i>Chemical Research in Toxicology</i> , 2010, 23, 1568-1575.	1.7	46
38	Mechanisms of fenthion activation in rainbow trout (<i>Oncorhynchus mykiss</i>) acclimated to hypersaline environments. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 143-152.	1.3	36
39	Reproductive cycle of <i>Antedon mediterranea</i> (Crinoidea, Echinodermata): correlation between morphology and physiology. <i>Zoomorphology</i> , 2009, 128, 119-134.	0.4	5
40	Site-Specific Profiles of Estrogenic Activity in Agricultural Areas of California's Inland Waters. <i>Environmental Science & Technology</i> , 2009, 43, 9110-9116.	4.6	34
41	Estrogenic activity and reproductive effects of the UV-filter oxybenzone (2-hydroxy-4-methoxyphenyl-methanone) in fish. <i>Aquatic Toxicology</i> , 2008, 90, 182-187.	1.9	199
42	Characterization of Phase I biotransformation enzymes in coho salmon (<i>Oncorhynchus kisutch</i>). <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2008, 147, 78-84.	1.3	23
43	Gametogenesis correlated with steroid levels during the gonadal cycle of the sea urchin <i>Paracentrotus lividus</i> (Echinodermata: Echinoidea). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 147, 466-474.	0.8	36
44	Steroid levels and steroid metabolism in the Mussel <i>Mytilus edulis</i> : The modulating effect of dispersed crude oil and alkylphenols. <i>Aquatic Toxicology</i> , 2006, 78, S65-S72.	1.9	48
45	Triphenyltin alters androgen metabolism in the sea urchin <i>Paracentrotus lividus</i> . <i>Aquatic Toxicology</i> , 2006, 79, 247-256.	1.9	32
46	The combined use of chemical and biochemical markers to assess water quality along the Ebro River. <i>Environmental Pollution</i> , 2006, 139, 330-339.	3.7	128
47	Evidence of endocrine alteration in the red mullet, <i>Mullus barbatus</i> from the NW Mediterranean. <i>Environmental Pollution</i> , 2006, 141, 60-68.	3.7	55
48	Steroid levels in crinoid echinoderms are altered by exposure to model endocrine disruptors. <i>Steroids</i> , 2006, 71, 489-497.	0.8	21
49	Effects of exposure to ED contaminants (TPT-Cl and Fenarimol) on crinoid echinoderms: comparative analysis of regenerative development and correlated steroid levels. <i>Marine Biology</i> , 2006, 149, 65-77.	0.7	16
50	COMPRENDO: Focus and Approach. <i>Environmental Health Perspectives</i> , 2006, 114, 98-100.	2.8	14
51	Effects of 17 β -estradiol exposure in the mussel <i>Mytilus galloprovincialis</i> : A possible regulating role for steroid acyltransferases. <i>Aquatic Toxicology</i> , 2005, 75, 32-42.	1.9	77
52	First evidence of endocrine disruption in feral carp from the Ebro River. <i>Toxicology and Applied Pharmacology</i> , 2004, 196, 247-257.	1.3	159
53	Effects of 17 β -estradiol exposure in the mussel <i>Mytilus galloprovincialis</i> . <i>Marine Environmental Research</i> , 2004, 58, 443-446.	1.1	27
54	The Combined Use of Chemical and Biochemical Markers to Assess Water Quality in Two Low-Stream Rivers (NE Spain). <i>Environmental Research</i> , 2002, 90, 169-178.	3.7	54

#	ARTICLE	IF	CITATIONS
55	Ecotoxicology assessments in avian species using cell-based models: A review. Avian Biology Research, 0, , 175815592110308.	0.4	0
56	Effects of perfluoroalkyl substances (PFASs) and benzo[a]pyrene (BaP) co-exposure on phase I biotransformation in rainbow trout (<i>Oncorhynchus mykiss</i>). Fish Physiology and Biochemistry, 0, , .	0.9	1