

James Meador

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5679677/publications.pdf>

Version: 2024-02-01

84
papers

3,530
citations

101496

36
h-index

149623

56
g-index

88
all docs

88
docs citations

88
times ranked

3374
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic effects of pharmaceuticals in fish. , 2021, , 457-499.		0
2	Combined effects of crude oil exposure and warming on eggs and larvae of an arctic forage fish. Scientific Reports, 2021, 11, 8410.	1.6	19
3	The fish early-life stage sublethal toxicity syndrome “ A high-dose baseline toxicity response. Environmental Pollution, 2021, 291, 118201.	3.7	7
4	Metabolomic profiling for juvenile Chinook salmon exposed to contaminants of emerging concern. Science of the Total Environment, 2020, 747, 141097.	3.9	23
5	Characterizing Crude Oil Toxicity to Early-Life Stage Fish Based On a Complex Mixture: Are We Making Unsupported Assumptions?. Environmental Science & Technology, 2019, 53, 11080-11092.	4.6	74
6	Adverse metabolic effects in fish exposed to contaminants of emerging concern in the field and laboratory. Environmental Pollution, 2018, 236, 850-861.	3.7	40
7	Effects of dietary crude oil exposure on molecular and physiological parameters related to lipid homeostasis in polar cod (<i>Boreogadus saida</i>). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2018, 206-207, 54-64.	1.3	17
8	Population-relevant endpoints in the evaluation of endocrine-active substances (EAS) for ecotoxicological hazard and risk assessment. Integrated Environmental Assessment and Management, 2017, 13, 317-330.	1.6	23
9	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. Integrated Environmental Assessment and Management, 2017, 13, 267-279.	1.6	38
10	Environmental policy recommendations for the new US President. Integrated Environmental Assessment and Management, 2017, 13, 7-7.	1.6	3
11	Transcriptional changes in innate immunity genes in head kidneys from <i>Aeromonas salmonicida</i> -challenged rainbow trout fed a mixture of polycyclic aromatic hydrocarbons. Ecotoxicology and Environmental Safety, 2017, 142, 157-163.	2.9	16
12	Effect of contaminants of emerging concern on liver mitochondrial function in Chinook salmon. Aquatic Toxicology, 2017, 190, 21-31.	1.9	36
13	Determining potential adverse effects in marine fish exposed to pharmaceuticals and personal care products with the fish plasma model and whole-body tissue concentrations. Environmental Pollution, 2017, 230, 1018-1029.	3.7	30
14	Tributyltin: Advancing the Science on Assessing Endocrine Disruption with an Unconventional Endocrine-Disrupting Compound. Reviews of Environmental Contamination and Toxicology, 2017, 245, 65-127.	0.7	11
15	Metal toxicity to freshwater organisms as a function of pH: A meta-analysis. Chemosphere, 2016, 144, 1544-1552.	4.2	43
16	Early life stages of an arctic keystone species (<i>Boreogadus saida</i>) show high sensitivity to a water-soluble fraction of crude oil. Environmental Pollution, 2016, 218, 605-614.	3.7	42
17	Contaminants of emerging concern in a large temperate estuary. Environmental Pollution, 2016, 213, 254-267.	3.7	184
18	Tissue concentrations as the dose metric to assess potential toxic effects of metals in field-collected fish: Copper and cadmium. Environmental Toxicology and Chemistry, 2015, 34, 1309-1319.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Development of a 2.4-GHz, parasitic array antenna for wireless electrocardiograph (ECG) application. , 2014, , .		0
20	Tissue-based environmental quality benchmarks and standards. Environmental Science and Pollution Research, 2014, 21, 28-32.	2.7	14
21	Do chemically contaminated river estuaries in Puget Sound (Washington, USA) affect the survival rate of hatchery-reared Chinook salmon?. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 162-180.	0.7	30
22	Tributyltin and the obesogen metabolic syndrome in a salmonid. Environmental Research, 2011, 111, 50-56.	3.7	66
23	In situ biomonitoring of caged, juvenile Chinook salmon (<i>Oncorhynchus tshawytscha</i>) in the Lower Duwamish Waterway. Marine Pollution Bulletin, 2011, 62, 2520-2532.	2.3	4
24	Biomarker responses and disease susceptibility in juvenile rainbow trout <i>Oncorhynchus mykiss</i> fed a high molecular weight PAH mixture. Environmental Toxicology and Chemistry, 2011, 30, 704-714.	2.2	45
25	Crucial role of mechanisms and modes of toxic action for understanding tissue residue toxicity and internal effect concentrations of organic chemicals. Integrated Environmental Assessment and Management, 2011, 7, 28-49.	1.6	121
26	Application of the tissue residue approach in ecological risk assessment. Integrated Environmental Assessment and Management, 2011, 7, 116-140.	1.6	41
27	A review of the tissue residue approach for organic and organometallic compounds in aquatic organisms. Integrated Environmental Assessment and Management, 2011, 7, 50-74.	1.6	52
28	The tissue residue approach for toxicity assessment: Findings and critical reviews from a Society of Environmental Toxicology and Chemistry Pellston Workshop. Integrated Environmental Assessment and Management, 2011, 7, 2-6.	1.6	47
29	Advancing environmental toxicology through chemical dosimetry: External exposures versus tissue residues. Integrated Environmental Assessment and Management, 2011, 7, 7-27.	1.6	67
30	Bioaccumulation of polychlorinated biphenyls in juvenile chinook salmon (<i>Oncorhynchus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (Ecotoxicology, 2010, 19, 141-152.	1.1	10
31	In situ biomonitoring of juvenile Chinook salmon (<i>Oncorhynchus tshawytscha</i>) using biomarkers of chemical exposures and effects in a partially remediated urbanized waterway of the Puget Sound, WA. Environmental Research, 2010, 110, 675-683.	3.7	11
32	A Perspective on the Toxicity of Petrogenic PAHs to Developing Fish Embryos Related to Environmental Chemistry. Human and Ecological Risk Assessment (HERA), 2009, 15, 1084-1098.	1.7	75
33	USING FLUORESCENT AROMATIC COMPOUNDS IN BILE FROM JUVENILE SALMONIDS TO PREDICT EXPOSURE TO POLYCYCLIC AROMATIC HYDROCARBONS. Environmental Toxicology and Chemistry, 2008, 27, 845.	2.2	31
34	Polycyclic Aromatic Hydrocarbons. , 2008, , 2881-2891.		9
35	10th Anniversary Critical Review: The tissue-residue approach for toxicity assessment: concepts, issues, application, and recommendations. Journal of Environmental Monitoring, 2008, 10, 1486.	2.1	60
36	Chemosensory Deprivation in Juvenile Coho Salmon Exposed to Dissolved Copper under Varying Water Chemistry Conditions. Environmental Science & Technology, 2008, 42, 1352-1358.	4.6	102

#	ARTICLE	IF	CITATIONS
37	The Effects of Polycyclic Aromatic Hydrocarbons in Fish from Puget Sound, Washington. , 2008, , 877-923.		11
38	Using Fluorescent Aromatic Compounds in Bile from Juvenile Salmonids to Predict Exposure to Polycyclic Aromatic Hydrocarbons. Environmental Toxicology and Chemistry, 2007, preprint, 1.	2.2	0
39	Rationale and Procedures for Using the Tissue-Residue Approach for Toxicity Assessment and Determination of Tissue, Water, and Sediment Quality Guidelines for Aquatic Organisms. Human and Ecological Risk Assessment (HERA), 2006, 12, 1018-1073.	1.7	71
40	Altered growth and related physiological responses in juvenile Chinook salmon (<i>Oncorhynchus tshawytscha</i>) exposed to polychlorinated biphenyls (PCBs) in the Columbia River estuary. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2364-2376.	0.7	97
41	Relating chronic toxicity responses to population-level effects: A comparison of population-level parameters for three salmon species as a function of low-level toxicity. <i>Ecological Modelling</i> , 2006, 199, 240-252.	1.2	33
42	Relating Results of Chronic Toxicity Responses to Population-Level Effects: Modeling Effects on Wild Chinook Salmon Populations. <i>Integrated Environmental Assessment and Management</i> , 2005, 1, 9.	1.6	72
43	A comparison of the non-essential elements cadmium, mercury, and lead found in fish and sediment from Alaska and California. <i>Science of the Total Environment</i> , 2005, 339, 189-205.	3.9	43
44	Conducting dose-response feeding studies with salmonids. , 2005, , .		3
45	Bioaccumulation of Arsenic in Marine Fish and Invertebrates from Alaska and California. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 223-33.	2.1	47
46	Perspectives, 2002, , .	0.2	0
47	Determination of a tissue and sediment threshold for tributyltin to protect prey species of juvenile salmonids listed under the US Endangered Species Act. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2002, 12, 539-551.	0.9	21
48	Fish tissue and sediment effects thresholds for polychlorinated biphenyls, polycyclic aromatic hydrocarbons, and tributyltin. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2002, 12, 489-492.	0.9	1
49	Use of tissue and sediment-based threshold concentrations of polychlorinated biphenyls (PCBs) to protect juvenile salmonids listed under the US Endangered Species Act. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2002, 12, 493-516.	0.9	57
50	Impaired growth in the polychaete <i>Armandia brevis</i> exposed to tributyltin in sediment. <i>Marine Environmental Research</i> , 2001, 51, 113-129.	1.1	38
51	Predicting the fate and effects of tributyltin in marine systems. <i>Reviews of Environmental Contamination and Toxicology</i> , 2000, 166, 1-48.	0.7	20
52	Comparison of Elements in Bottlenose Dolphins Stranded on the Beaches of Texas and Florida in the Gulf of Mexico over a One-Year Period. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 36, 87-98.	2.1	85
53	Organochlorines in Stranded Pilot Whales (<i>Globicephala melaena</i>) from the Coast of Massachusetts. <i>Archives of Environmental Contamination and Toxicology</i> , 1999, 37, 125-134.	2.1	37
54	Elements in fish and sediment from the Pacific Coast of the United States: Results from the national benthic surveillance project. <i>Marine Pollution Bulletin</i> , 1998, 37, 56-66.	2.3	22

#	ARTICLE	IF	CITATIONS
55	Copper tolerance by the freshwater algal species <i>Oocystis pusilla</i> and its ability to alter free-ion copper. <i>Aquatic Toxicology</i> , 1998, 44, 69-82.	1.9	12
56	Toxicity of sediment-associated tributyltin to infaunal invertebrates: Species comparison and the role of organic carbon. <i>Marine Environmental Research</i> , 1997, 43, 219-241.	1.1	51
57	Chemical contaminants in harbor porpoise (<i>Phocoena phocoena</i>) from the North Atlantic coast: Tissue concentrations and intra- and inter-organ distribution. <i>Chemosphere</i> , 1997, 34, 2159-2181.	4.2	54
58	Comparative toxicokinetics of tributyltin in five marine species and its utility in predicting bioaccumulation and acute toxicity. <i>Aquatic Toxicology</i> , 1997, 37, 307-326.	1.9	52
59	Title is missing!. <i>Ecotoxicology</i> , 1997, 6, 35-65.	1.1	27
60	Comparative Bioaccumulation of Chlorinated Hydrocarbons from Sediment by Two Infaunal Invertebrates. <i>Archives of Environmental Contamination and Toxicology</i> , 1997, 33, 388-400.	2.1	24
61	Modeling dose response using generalized linear models. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 395-401.	2.2	74
62	Growth and survival of three marine invertebrate species in sediments from the hudson-raritan estuary, New York. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1931-1940.	2.2	7
63	Bioaccumulation of Polycyclic Aromatic Hydrocarbons by Marine Organisms. <i>Reviews of Environmental Contamination and Toxicology</i> , 1995, 143, 79-165.	0.7	319
64	Comparative bioaccumulation of polycyclic aromatic hydrocarbons from sediment by two infaunal invertebrates. <i>Marine Ecology - Progress Series</i> , 1995, 123, 107-124.	0.9	89
65	GROWTH AND SURVIVAL OF THREE MARINE INVERTEBRATE SPECIES IN SEDIMENTS FROM THE HUDSON-RARITAN ESTUARY, NEW YORK. <i>Environmental Toxicology and Chemistry</i> , 1995, 14, 1931.	2.2	8
66	Chemical contaminants in gray whales (<i>Eschrichtius robustus</i>) stranded along the west coast of North America. <i>Science of the Total Environment</i> , 1994, 145, 29-53.	3.9	48
67	Differential sensitivity of marine infaunal amphipods to tributyltin. <i>Marine Biology</i> , 1993, 116, 231-239.	0.7	31
68	The effect of laboratory holding on the toxicity response of marine infaunal amphipods to cadmium and tributyltin. <i>Journal of Experimental Marine Biology and Ecology</i> , 1993, 174, 227-242.	0.7	27
69	Toxic Metals in Pilot Whales (<i>Globicephala melaena</i>) from Standings in 1986 and 1990 on Cape Cod, Massachusetts. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1993, 50, 2698-2706.	0.7	42
70	Copper Dynamics and the Mechanism of Ecosystem Level Recovery in a Standardized Aquatic Microcosm. , 1993, 3, 139-155.		26
71	The interaction of pH, dissolved organic carbon, and total copper in the determination of ionic copper and toxicity. <i>Aquatic Toxicology</i> , 1991, 19, 13-31.	1.9	203
72	An analysis of the relationship between a sand-dollar embryo elutriate assay and sediment contaminants from stations in an urban embayment of puget sound, Washington. <i>Marine Environmental Research</i> , 1990, 30, 251-272.	1.1	16

#	ARTICLE	IF	CITATIONS
73	Modeling the effect of algal biomass on multispecies aquatic microcosms response to copper toxicity. <i>Aquatic Toxicology</i> , 1990, 17, 93-117.	1.9	19
74	Chemoreception in a lysianassid amphipod: The chemicals that initiate food searching behavior. <i>Marine and Freshwater Behaviour and Physiology</i> , 1989, 14, 65-80.	0.9	18
75	An Analysis of Photobehavior of <i>Daphnia Magna</i> Exposed to Tributyltin. , 1986, , .		9
76	Orchomene Limodes, New Species, a Scavenging Amphipod from Scripps Canyon, California: Species Description and Analysis of Morphological Variation. <i>Journal of Crustacean Biology</i> , 1985, 5, 523-538.	0.3	4
77	A flow-through bioassay system to study chronic effects of pollutants: Analysis with Bis(tributyltin) oxide (TBTO). <i>Marine Environmental Research</i> , 1984, 14, 501.	1.1	0
78	A flow-through bioassay system for the evaluation of organotin antifouling compounds. <i>Water Research</i> , 1984, 18, 647-650.	5.3	10
79	Temporal persistence of biological patch structure in an abyssal benthic community. <i>Marine Biology</i> , 1979, 51, 179-183.	0.7	52
80	Free vehicle capture of abyssopelagic animals. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1979, 26, 57-64.	1.6	59
81	Tributyltin In The Environment: An Overview And Key Issues. , 0, , .		8
82	The 1989 Organotin Symposium. , 0, , .		0
83	Bioaccumulation of PAHs in Marine Invertebrates. , 0, , 147-171.		24
84	Environmental Contaminants in Biota. , 0, , .		144