

David A Alvarez

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,458
citations

279701

23
h-index

302012

39
g-index

52
all docs

52
docs citations

52
times ranked

2099
citing authors

#	ARTICLE	IF	CITATIONS
1	DEVELOPMENT OF A PASSIVE, IN SITU, INTEGRATIVE SAMPLER FOR HYDROPHILIC ORGANIC CONTAMINANTS IN AQUATIC ENVIRONMENTS. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1640.	2.2	563
2	Development of the Permeability/Performance Reference Compound Approach for In Situ Calibration of Semipermeable Membrane Devices. <i>Environmental Science & Technology</i> , 2002, 36, 85-91.	4.6	362
3	Reproductive endocrine disruption in smallmouth bass (<i>Micropterus dolomieu</i>) in the Potomac River basin: spatial and temporal comparisons of biological effects. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4309-4334.	1.3	116
4	Chapter 8 Tool for monitoring hydrophilic contaminants in water: polar organic chemical integrative sampler (POCIS). <i>Comprehensive Analytical Chemistry</i> , 2007, , 171-197.	0.7	95
5	Chemical and Toxicologic Assessment of Organic Contaminants in Surface Water Using Passive Samplers. <i>Journal of Environmental Quality</i> , 2008, 37, 1024-1033.	1.0	90
6	Chemical contaminants in water and sediment near fish nesting sites in the Potomac River basin: Determining potential exposures to smallmouth bass (<i>Micropterus dolomieu</i>). <i>Science of the Total Environment</i> , 2013, 443, 700-716.	3.9	88
7	Occurrence of contaminants of emerging concern along the California coast (2009-2010) using passive sampling devices. <i>Marine Pollution Bulletin</i> , 2014, 81, 347-354.	2.3	85
8	Reproductive health of bass in the Potomac, USA, drainage: Part 1. Exploring the effects of proximity to wastewater treatment plant discharge. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1072-1083.	2.2	82
9	Complex mixtures of Pesticides in Midwest U.S. streams indicated by POCIS time-integrating samplers. <i>Environmental Pollution</i> , 2017, 220, 431-440.	3.7	81
10	Trends in monitoring pharmaceuticals and personal-care products in the aquatic environment by use of passive sampling devices. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1153-1157.	1.9	67
11	Acute sensitivity of a broad range of freshwater mussels to chemicals with different modes of toxic action. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 786-796.	2.2	66
12	Point sources of emerging contaminants along the Colorado River Basin: Source water for the arid Southwestern United States. <i>Science of the Total Environment</i> , 2012, 430, 237-245.	3.9	59
13	REPRODUCTIVE HEALTH OF BASS IN THE POTOMAC, USA, DRAINAGE: PART 2. SEASONAL OCCURRENCE OF PERSISTENT AND EMERGING ORGANIC CONTAMINANTS. <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1084.	2.2	53
14	Estimating pesticide sampling rates by the polar organic chemical integrative sampler (POCIS) in the presence of natural organic matter and varying hydrodynamic conditions. <i>Environmental Pollution</i> , 2012, 169, 98-104.	3.7	52
15	The Mussel Watch California pilot study on contaminants of emerging concern (CECs): Synthesis and next steps. <i>Marine Pollution Bulletin</i> , 2014, 81, 355-363.	2.3	51
16	Contaminants of legacy and emerging concern in largescale suckers (<i>Catostomus macrocheilus</i>) and the foodweb in the lower Columbia River, Oregon and Washington, USA. <i>Science of the Total Environment</i> , 2014, 484, 344-352.	3.9	42
17	Bottom sediment as a source of organic contaminants in Lake Mead, Nevada, USA. <i>Chemosphere</i> , 2012, 88, 605-611.	4.2	40
18	Wastewater-based epidemiology pilot study to examine drug use in the Western United States. <i>Science of the Total Environment</i> , 2020, 745, 140697.	3.9	38

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19	Sampling trace organic compounds in water: A comparison of a continuous active sampler to continuous passive and discrete sampling methods. <i>Science of the Total Environment</i> , 2014, 473-474, 731-741.	3.9	37
20	Spatial and temporal trends in occurrence of emerging and legacy contaminants in the Lower Columbia River 2008-2010. <i>Science of the Total Environment</i> , 2014, 484, 322-330.	3.9	32
21	Identifying Chemicals and Mixtures of Potential Biological Concern Detected in Passive Samplers from Great Lakes Tributaries Using High-Throughput Data and Biological Pathways. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2165-2182.	2.2	30
22	Sources and Distribution of Organic Compounds Using Passive Samplers in Lake Mead National Recreation Area, Nevada and Arizona, and Their Implications for Potential Effects on Aquatic Biota. <i>Journal of Environmental Quality</i> , 2010, 39, 1161-1172.	1.0	28
23	Refocusing Mussel Watch on contaminants of emerging concern (CECs): The California pilot study (2009-2010). <i>Marine Pollution Bulletin</i> , 2014, 81, 334-339.	2.3	24
24	Contaminants assessment in the coral reefs of Virgin Islands National Park and Virgin Islands Coral Reef National Monument. <i>Marine Pollution Bulletin</i> , 2013, 70, 281-288.	2.3	23
25	Characterization of Missouri surface waters near point sources of pollution reveals potential novel atmospheric route of exposure for bisphenol A and wastewater hormonal activity pattern. <i>Science of the Total Environment</i> , 2015, 524-525, 384-393.	3.9	23
26	Deposition and accumulation of airborne organic contaminants in Yosemite National Park, California. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 524-533.	2.2	22
27	Risk Factors Associated with Mortality of Age-0 Smallmouth Bass in the Susquehanna River Basin, Pennsylvania. <i>Journal of Aquatic Animal Health</i> , 2018, 30, 65-80.	0.6	21
28	Using SPMDs for monitoring hydrophobic organic compounds in urban river water in Korea compared with using conventional water grab samples. <i>Science of the Total Environment</i> , 2014, 470-471, 1537-1544.	3.9	19
29	Semivolatile Organic Compounds in Residential Air along the Arizona-Mexico Border. <i>Environmental Science & Technology</i> , 2009, 43, 3054-3060.	4.6	16
30	Development of semipermeable membrane devices (SPMDs) and polar organic chemical integrative samplers (POCIS) for environmental monitoring. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 2179-2181.	2.2	16
31	Year-Round Monitoring of Contaminants in Neal and Rogers Creeks, Hood River Basin, Oregon, 2011-12, and Assessment of Risks to Salmonids. <i>PLoS ONE</i> , 2016, 11, e0158175.	1.1	15
32	How useful are the semipermeable membrane devices (SPMDs); the mini-unit (15.2 cm long)? <i>Science of the Total Environment</i> , 2009, 407, 4149-4156.	3.9	14
33	Baseline aquatic contamination and endocrine status in a resident fish of Biscayne National Park. <i>Marine Pollution Bulletin</i> , 2017, 115, 525-533.	2.3	7
34	Developing analytical approaches to explore the connection between endocrine-active pharmaceuticals in water to effects in fish. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6481-6492.	1.9	6
35	Multiple approaches to surface water quality assessment provide insight for small streams experiencing oil and natural gas development. <i>Integrated Environmental Assessment and Management</i> , 2019, 15, 385-397.	1.6	6
36	Factors Affecting Sampling Strategies for Design of an Effects-Directed Analysis for Endocrine-Active Chemicals. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1309-1324.	2.2	6

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37	Movement of synthetic organic compounds in the food web after the introduction of invasive quagga mussels (<i>Dreissena bugensis</i>) in Lake Mead, Nevada and Arizona, USA. <i>Science of the Total Environment</i> , 2021, 752, 141845.	3.9	5
38	Urban Stream Syndrome and Contaminant Uptake in Salamanders of Central Texas. <i>Journal of Fish and Wildlife Management</i> , 2020, 11, 287-299.	0.4	5
39	Petroleum hydrocarbons in semipermeable membrane devices deployed in the Northern Gulf of Mexico and Florida keys following the Deepwater Horizon incident. <i>Marine Pollution Bulletin</i> , 2020, 150, 110622.	2.3	2
40	Polar Organic Chemical Integrative Sampler and Semi-Permeable Membrane Devices. <i>Water Quality Measurements Series</i> , 2009, , 71-77.	0.1	0