David A Alvarez

List of Publications by Year
in descending order

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40 papers	2,458 citations	279798 23 h-index	302126 39 g-index
52 all docs	52 docs citations	52 times ranked	2099 citing authors

#	Article	IF	Citations
1	Movement of synthetic organic compounds in the food web after the introduction of invasive quagga mussels (Dreissena bugensis) in Lake Mead, Nevada and Arizona, USA. Science of the Total Environment, 2021, 752, 141845.	8.0	5
2	Identifying Chemicals and Mixtures of Potential Biological Concern Detected in Passive Samplers from Great Lakes Tributaries Using Highâ€Throughput Data and Biological Pathways. Environmental Toxicology and Chemistry, 2021, 40, 2165-2182.	4.3	30
3	Petroleum hydrocarbons in semipermeable membrane devices deployed in the Northern Gulf of Mexico and Florida keys following the Deepwater Horizon incident. Marine Pollution Bulletin, 2020, 150, 110622.	5.0	2
4	Wastewater-based epidemiology pilot study to examine drug use in the Western United States. Science of the Total Environment, 2020, 745, 140697.	8.0	38
5	Factors Affecting Sampling Strategies for Design of an Effectsâ€Directed Analysis for Endocrineâ€Active Chemicals. Environmental Toxicology and Chemistry, 2020, 39, 1309-1324.	4.3	6
6	Urban Stream Syndrome and Contaminant Uptake in Salamanders of Central Texas. Journal of Fish and Wildlife Management, 2020, 11, 287-299.	0.9	5
7	Multiple approaches to surface water quality assessment provide insight for small streams experiencing oil and natural gas development. Integrated Environmental Assessment and Management, 2019, 15, 385-397.	2.9	6
8	Risk Factors Associated with Mortality of Ageâ€0 Smallmouth Bass in the Susquehanna River Basin, Pennsylvania. Journal of Aquatic Animal Health, 2018, 30, 65-80.	1.4	21
9	Baseline aquatic contamination and endocrine status in a resident fish of Biscayne National Park. Marine Pollution Bulletin, 2017, 115, 525-533.	5.0	7
10	Acute sensitivity of a broad range of freshwater mussels to chemicals with different modes of toxic action. Environmental Toxicology and Chemistry, 2017, 36, 786-796.	4.3	66
11	Complex mixtures of Pesticides in Midwest U.S. streams indicated by POCIS time-integrating samplers. Environmental Pollution, 2017, 220, 431-440.	7.5	81
12	Year-Round Monitoring of Contaminants in Neal and Rogers Creeks, Hood River Basin, Oregon, 2011-12, and Assessment of Risks to Salmonids. PLoS ONE, 2016, 11, e0158175.	2.5	15
13	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. Science of the Total Environment, 2015, 524-525, 384-393.	8.0	23
14	Developing analytical approaches to explore the connection between endocrine-active pharmaceuticals in water to effects in fish. Analytical and Bioanalytical Chemistry, 2015, 407, 6481-6492.	3.7	6
15	The Mussel Watch California pilot study on contaminants of emerging concern (CECs): Synthesis and next steps. Marine Pollution Bulletin, 2014, 81, 355-363.	5.0	51
16	Contaminants of legacy and emerging concern in largescale suckers (Catostomus macrocheilus) and the foodweb in the lower Columbia River, Oregon and Washington, USA. Science of the Total Environment, 2014, 484, 344-352.	8.0	42
17	Using SPMDs for monitoring hydrophobic organic compounds in urban river water in Korea compared with using conventional water grab samples. Science of the Total Environment, 2014, 470-471, 1537-1544.	8.0	19
18	Spatial and temporal trends in occurrence of emerging and legacy contaminants in the Lower Columbia River 2008â€“2010. Science of the Total Environment, 2014, 484, 322-330.	8.0	32

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19	Occurrence of contaminants of emerging concern along the California coast (2009â€“10) using passive sampling devices. Marine Pollution Bulletin, 2014, 81, 347-354.	5.0	85
20	Refocusing Mussel Watch on contaminants of emerging concern (CECs): The California pilot study (2009â€“10). Marine Pollution Bulletin, 2014, 81, 334-339.	5.0	24
21	Sampling trace organic compounds in water: A comparison of a continuous active sampler to continuous passive and discrete sampling methods. Science of the Total Environment, 2014, 473-474, 731-741.	8.0	37
22	Contaminants assessment in the coral reefs of Virgin Islands National Park and Virgin Islands Coral Reef National Monument. Marine Pollution Bulletin, 2013, 70, 281-288.	5.0	23
23	Chemical contaminants in water and sediment near fish nesting sites in the Potomac River basin: Determining potential exposures to smallmouth bass (Micropterus dolomieu). Science of the Total Environment, 2013, 443, 700-716.	8.0	88
24	Development of semipermeable membrane devices (<scp>SPMD</scp>s) and polar organic chemical integrative samplers (<scp>POCIS</scp>) for environmental monitoring. Environmental Toxicology and Chemistry, 2013, 32, 2179-2181.	4.3	16
25	Reproductive endocrine disruption in smallmouth bass (Micropterus dolomieu) in the Potomac River basin: spatial and temporal comparisons of biological effects. Environmental Monitoring and Assessment, 2012, 184, 4309-4334.	2.7	116
26	Bottom sediment as a source of organic contaminants in Lake Mead, Nevada, USA. Chemosphere, 2012, 88, 605-611.	8.2	40
27	Estimating pesticide sampling rates by the polar organic chemical integrative sampler (POCIS) in the presence of natural organic matter and varying hydrodynamic conditions. Environmental Pollution, 2012, 169, 98-104.	7.5	52
28	Point sources of emerging contaminants along the Colorado River Basin: Source water for the arid Southwestern United States. Science of the Total Environment, 2012, 430, 237-245.	8.0	59
29	Deposition and accumulation of airborne organic contaminants in Yosemite National Park, California. Environmental Toxicology and Chemistry, 2012, 31, 524-533.	4.3	22
30	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. Journal of Environmental Quality, 2010, 39, 1161-1172.	2.0	28
31	How useful are the â€œotherâ€•semipermeable membrane devices (SPMDs); the mini-unit (15.2Âcm long)?. Science of the Total Environment, 2009, 407, 4149-4156.	8.0	14
32	REPRODUCTIVE HEALTH OF BASS IN THE POTOMAC, USA, DRAINAGE: PART 2. SEASONAL OCCURRENCE OF PERSISTENT AND EMERGING ORGANIC CONTAMINANTS. Environmental Toxicology and Chemistry, 2009, 28, 1084.	4.3	53
33	Reproductive health of bass in the Potomac, USA, drainage: Part 1. Exploring the effects of proximity to wastewater treatment plant discharge. Environmental Toxicology and Chemistry, 2009, 28, 1072-1083.	4.3	82
34	Semivolatile Organic Compounds in Residential Air along the Arizonaâ˜Mexico Border. Environmental Science & Technology, 2009, 43, 3054-3060.	10.0	16
35	Polar Organic Chemical Integrative Sampler and Semi-Permeable Membrane Devices. Water Quality Measurements Series, 2009, , 71-77.	0.1	0
36	Chemical and Toxicologic Assessment of Organic Contaminants in Surface Water Using Passive Samplers. Journal of Environmental Quality, 2008, 37, 1024-1033.	2.0	90

#	Article	IF	Citations
37	Chapter 8 Tool for monitoring hydrophilic contaminants in water: polar organic chemical integrative sampler (POCIS). Comprehensive Analytical Chemistry, 2007, , 171-197.	1.3	95
38	Trends in monitoring pharmaceuticals and personal-care products in the aquatic environment by use of passive sampling devices. Analytical and Bioanalytical Chemistry, 2007, 387, 1153-1157.	3.7	67
39	DEVELOPMENT OF A PASSIVE, IN SITU, INTEGRATIVE SAMPLER FOR HYDROPHILIC ORGANIC CONTAMINANTS IN AQUATIC ENVIRONMENTS. Environmental Toxicology and Chemistry, 2004, 23, 1640.	4.3	563
40	Development of the Permeability/Performance Reference Compound Approach for In Situ Calibration of Semipermeable Membrane Devices. Environmental Science & Technology, 2002, 36, 85-91.	10.0	362