

Zofia Baumann

List of Publications by Year in descending order

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27
papers

1,202
citations

471509

17
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

1301
citing authors

#	ARTICLE	IF	CITATIONS
1	Fukushima-derived radionuclides in the ocean and biota off Japan. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5984-5988.	7.1	387
2	Pacific bluefin tuna transport Fukushima-derived radionuclides from Japan to California. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9483-9486.	7.1	134
3	Evaluation of radiation doses and associated risk from the Fukushima nuclear accident to marine biota and human consumers of seafood. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10670-10675.	7.1	115
4	Impacts of farmed fish consumption and food trade on methylmercury exposure in China. Environment International, 2018, 120, 333-344.	10.0	65
5	Reconstructing transoceanic migration patterns of Pacific bluefin tuna using a chemical tracer toolbox. Ecology, 2014, 95, 1674-1683.	3.2	59
6	Mercury Stable Isotopes Reveal Influence of Foraging Depth on Mercury Concentrations and Growth in Pacific Bluefin Tuna. Environmental Science & Technology, 2018, 52, 6256-6264.	10.0	52
7	Relating the sediment phase speciation of arsenic, cadmium, and chromium with their bioavailability for the deposit-feeding polychaete <i>Nereis succinea</i> . Environmental Toxicology and Chemistry, 2011, 30, 747-756.	4.3	39
8	The impact of the Three Gorges Dam on the fate of metal contaminants across the river-ocean continuum. Water Research, 2020, 185, 116295.	11.3	36
9	Modeling metal bioaccumulation in a deposit-feeding polychaete from labile sediment fractions and from pore water. Science of the Total Environment, 2011, 409, 2607-2615.	8.0	35
10	Contaminated Marine Sediments As a Source of Cesium Radioisotopes for Benthic Fauna near Fukushima. Environmental Science & Technology, 2016, 50, 10448-10455.	10.0	34
11	An assessment of the impact of artisanal and commercial gold mining on mercury and methylmercury levels in the environment and fish in Cote d'Ivoire. Science of the Total Environment, 2019, 665, 1158-1167.	8.0	32
12	Radiocesium in Pacific Bluefin Tuna <i>Thunnus orientalis</i> in 2012 Validates New Tracer Technique. Environmental Science & Technology, 2013, 47, 2287-2294.	10.0	31
13	Mercury bioaccumulation increases with latitude in a coastal marine fish (Atlantic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 1009-1015.	1.4	29
14	Methylmercury in dried shark fins and shark fin soup from American restaurants. Science of the Total Environment, 2014, 496, 644-648.	8.0	23
15	Isotopic insights into migration patterns of Pacific bluefin tuna in the eastern Pacific Ocean. Canadian Journal of Fisheries and Aquatic Sciences, 2018, 75, 260-270.	1.4	21
16	Combining otolith microstructure and trace elemental analyses to infer the arrival of juvenile Pacific bluefin tuna in the California current ecosystem. ICES Journal of Marine Science, 2015, 72, 2128-2138.	2.5	20
17	Isotope Fractionation from <i>In Vivo</i> Methylmercury Detoxification in Waterbirds. ACS Earth and Space Chemistry, 2021, 5, 990-997.	2.7	18
18	Traditional Tibetan Medicine Induced High Methylmercury Exposure Level and Environmental Mercury Burden in Tibet, China. Environmental Science & Technology, 2018, 52, 8838-8847.	10.0	17

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19	Mercury concentrations provide an indicator of marine foraging in coastal birds. <i>Ecological Indicators</i> , 2021, 121, 106922.	6.3	11
20	Fukushima 137Cs at the base of planktonic food webs off Japan. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2015, 106, 9-16.	1.4	9
21	Century-old mercury pollution: Evaluating the impacts on local fish from the eastern United States. <i>Chemosphere</i> , 2020, 259, 127484.	8.2	9
22	Assessing Fukushima-Derived Radiocesium in Migratory Pacific Predators. <i>Environmental Science & Technology</i> , 2017, 51, 8962-8971.	10.0	8
23	Factors influencing the assimilation of arsenic in a deposit-feeding polychaete. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2012, 156, 42-50.	2.6	7
24	Geochemistry of Mercury in the Marine Environment. , 2019, , 301-308.		6
25	Formalin-preserved zooplankton are not reliable for historical reconstructions of methylmercury bioaccumulation. <i>Science of the Total Environment</i> , 2020, 738, 139803.	8.0	3
26	Reply to Comment on "Traditional Tibetan Medicine Induced High Methylmercury Exposure Level and Environmental Mercury Burden in Tibet, China" • <i>Environmental Science & Technology</i> , 2019, 53, 12956-12958.	10.0	0
27	Methylmercury Levels in Commercially Harvested Spiny Dogfish Captured off the Coast of Massachusetts. <i>Transactions of the American Fisheries Society</i> , 2020, 149, 486-497.	1.4	0