

Frank A Von Hippel

List of Publications by Year in descending order

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papers

827
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567281

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#	ARTICLE	IF	CITATIONS
1	Case studies on longitudinal mercury content in humpback whale (<i>Megaptera novaeangliae</i>) baleen. <i>Heliyon</i> , 2022, 8, e08681.	3.2	5
2	Elevated mercury and PCB concentrations in Dolly Varden (<i>Salvelinus malma</i>) collected near a formerly used defense site on Sivuqaq, Alaska. <i>Science of the Total Environment</i> , 2022, 826, 154067.	8.0	5
3	Evolution and developmental expression of the sodium iodide symporter (<i>scn11a</i>) in zebrafish (<i>Danio rerio</i>). <i>Development</i> , 2015, 142, 1079-1098.	3.1	4
4	PFAS and PBDEs in traditional subsistence foods from Sivuqaq, Alaska. <i>Environmental Science and Pollution Research</i> , 2022, 29, 77145-77156.	5.3	6
5	The rise and fall of the ancient northern pike master sex-determining gene. <i>ELife</i> , 2021, 10, .	6.0	24
6	Predicting future from past: The genomic basis of recurrent and rapid stickleback evolution. <i>Science Advances</i> , 2021, 7, .	10.3	62
7	Sample preparation method for metal(loid) contaminant quantitation in rodent hair collected in Yuma County, Arizona. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 522.	2.7	1
8	Perchlorate exposure does not induce obesity or non-alcoholic fatty liver disease in zebrafish. <i>PLoS ONE</i> , 2021, 16, e0254500.	2.5	3
9	Repeatability of Adaptive Radiation Depends on Spatial Scale: Regional Versus Global Replicates of Stickleback in Lake Versus Stream Habitats. <i>Journal of Heredity</i> , 2020, 111, 43-56.	2.4	17
10	Legacy and emerging semi-volatile organic compounds in sentinel fish from an arctic formerly used defense site in Alaska. <i>Environmental Pollution</i> , 2020, 259, 113872.	7.5	25
11	Sodium perchlorate induces non-alcoholic fatty liver disease in developing stickleback. <i>Environmental Pollution</i> , 2019, 251, 390-399.	7.5	15
12	Polychlorinated biphenyl (PCB) contamination of subsistence species on Unalaska Island in the Aleutian Archipelago. <i>Heliyon</i> , 2019, 5, e02989.	3.2	7
13	Trophic plasticity and the invasion of a renowned piscivore: a diet synthesis of northern pike (<i>Esox lucius</i>) in the Yukon River. <i>Journal of Great Lakes Research</i> , 2019, 45, 107-115.	2.4	9
14	Associations between serum polybrominated diphenyl ethers and thyroid hormones in a cross sectional study of a remote Alaska Native population. <i>Scientific Reports</i> , 2018, 8, 2198.	3.3	34
15	Endocrine disruption and differential gene expression in sentinel fish on St. Lawrence Island, Alaska: Health implications for indigenous residents. <i>Environmental Pollution</i> , 2018, 234, 279-287.	7.5	17
16	Manganese accumulates in the brain of northern quolls (<i>Dasyurus hallucatus</i>) living near an active mine. <i>Environmental Pollution</i> , 2018, 233, 377-386.	7.5	12
17	Repeated Selection of Alternatively Adapted Haplotypes Creates Sweeping Genomic Remodeling in Stickleback. <i>Genetics</i> , 2018, 209, 921-939.	2.9	64
18	Manganese contamination affects the motor performance of wild northern quolls (<i>Dasyurus hallucatus</i>) living near an active mine. <i>Environmental Pollution</i> , 2018, 233, 377-386.	7.5	10

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19	Exposure to perfluoroalkyl substances and associations with serum thyroid hormones in a remote population of Alaska Natives. <i>Environmental Research</i> , 2018, 166, 537-543.	7.5	32
20	Exogenous iodide ameliorates perchlorate-induced thyroid phenotypes in threespine stickleback. <i>General and Comparative Endocrinology</i> , 2017, 243, 60-69.	1.8	14
21	Exposure to polybrominated diphenyl ethers and perfluoroalkyl substances in a remote population of Alaska Natives. <i>Environmental Pollution</i> , 2017, 231, 387-395.	7.5	30
22	Trophic ecology of introduced populations of Alaska blackfish (<i>Dallia pectoralis</i>) in the Cook Inlet Basin, Alaska. <i>Environmental Biology of Fishes</i> , 2016, 99, 557-569.	1.0	3
23	Perchlorate Exposure Reduces Primordial Germ Cell Number in Female Threespine Stickleback. <i>PLoS ONE</i> , 2016, 11, e0157792.	2.5	14
24	Evolution of stickleback in 50 years on earthquake-uplifted islands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E7204-12.	7.1	156
25	Perchlorate exposure does not modulate temporal variation of whole-body thyroid and androgen hormone content in threespine stickleback. <i>General and Comparative Endocrinology</i> , 2015, 219, 45-52.	1.8	10
26	Developmental timing of perchlorate exposure alters threespine stickleback dermal bone. <i>General and Comparative Endocrinology</i> , 2015, 219, 36-44.	1.8	7
27	Developmental timing of sodium perchlorate exposure alters angiogenesis, thyroid follicle proliferation and sexual maturation in stickleback. <i>General and Comparative Endocrinology</i> , 2015, 219, 24-35.	1.8	27
28	Persistent Organochlorine Pesticide Exposure Related to a Formerly Used Defense Site on St. Lawrence Island, Alaska: Data from Sentinel Fish and Human Sera. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 976-992.	2.3	36
29	Perchlorate disrupts embryonic androgen synthesis and reproductive development in threespine stickleback without changing whole-body levels of thyroid hormone. <i>General and Comparative Endocrinology</i> , 2015, 210, 130-144.	1.8	32
30	INDEPENDENT AXES OF GENETIC VARIATION AND PARALLEL EVOLUTIONARY DIVERGENCE OF OPERCLE BONE SHAPE IN THREESPINE STICKLEBACK. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 419-434.	2.3	35
31	PARTIAL REPRODUCTIVE ISOLATION OF A RECENTLY DERIVED RESIDENT-FRESHWATER POPULATION OF THREESPINE STICKLEBACK (<i>Gasterosteus aculeatus</i>) FROM ITS PUTATIVE ANADROMOUS ANCESTOR. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3277-3286.	2.3	14
32	Chronic perchlorate exposure impairs stickleback reproductive behaviour and swimming performance. <i>Behaviour</i> , 2008, 145, 527-559.	0.8	27
33	PERCHLORATE INDUCES HERMAPHRODITISM IN THREESPINE STICKLEBACKS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2087.	4.3	67