Frank A Von Hippel

List of Publications by Year
in descending order

33	827	567281 15	526287 27
papers	citations	h-index	g-index

37	37	37	1206
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Evolution of stickleback in 50 years on earthquake-uplifted islands. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7204-12.	7.1	156
2	PERCHLORATE INDUCES HERMAPHRODITISM IN THREESPINE STICKLEBACKS. Environmental Toxicology and Chemistry, 2006, 25, 2087.	4.3	67
3	Repeated Selection of Alternatively Adapted Haplotypes Creates Sweeping Genomic Remodeling in Stickleback. Genetics, 2018, 209, 921-939.	2.9	64
4	Predicting future from past: The genomic basis of recurrent and rapid stickleback evolution. Science Advances, 2021, 7, .	10.3	62
5	Persistent Organochlorine Pesticide Exposure Related to a Formerly Used Defense Site on St. Lawrence Island, Alaska: Data from Sentinel Fish and Human Sera. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 976-992.	2.3	36
6	INDEPENDENT AXES OF GENETIC VARIATION AND PARALLEL EVOLUTIONARY DIVERGENCE OF OPERCLE BONE SHAPE IN THREESPINE STICKLEBACK. Evolution; International Journal of Organic Evolution, 2012, 66, 419-434.	2.3	35
7	Associations between serum polybrominated diphenyl ethers and thyroid hormones in a cross sectional study of a remote Alaska Native population. Scientific Reports, 2018, 8, 2198.	3.3	34
8	Perchlorate disrupts embryonic androgen synthesis and reproductive development in threespine stickleback without changing whole-body levels of thyroid hormone. General and Comparative Endocrinology, 2015, 210, 130-144.	1.8	32
9	Exposure to perfluoroalkyl substances and associations with serum thyroid hormones in a remote population of Alaska Natives. Environmental Research, 2018, 166, 537-543.	7.5	32
10	Exposure to polybrominated diphenyl ethers and perfluoroalkyl substances in a remote population of Alaska Natives. Environmental Pollution, 2017, 231, 387-395.	7.5	30
11	Chronic perchlorate exposure impairs stickleback reproductive behaviour and swimming performance. Behaviour, 2008, 145, 527-559.	0.8	27
12	Developmental timing of sodium perchlorate exposure alters angiogenesis, thyroid follicle proliferation and sexual maturation in stickleback. General and Comparative Endocrinology, 2015, 219, 24-35.	1.8	27
13	Legacy and emerging semi-volatile organic compounds in sentinel fish from an arctic formerly used defense site in Alaska. Environmental Pollution, 2020, 259, 113872.	7.5	25
14	The rise and fall of the ancient northern pike master sex-determining gene. ELife, 2021, 10, .	6.0	24
15	Endocrine disruption and differential gene expression in sentinel fish on St. Lawrence Island, Alaska: Health implications for indigenous residents. Environmental Pollution, 2018, 234, 279-287.	7.5	17
16	Repeatability of Adaptive Radiation Depends on Spatial Scale: Regional Versus Global Replicates of Stickleback in Lake Versus Stream Habitats. Journal of Heredity, 2020, 111, 43-56.	2.4	17
17	Sodium perchlorate induces non-alcoholic fatty liver disease in developing stickleback. Environmental Pollution, 2019, 251, 390-399.	7.5	15
18	PARTIAL REPRODUCTIVE ISOLATION OF A RECENTLY DERIVED RESIDENT-FRESHWATER POPULATION OF THREESPINE STICKLEBACK (GASTEROSTEUS ACULEATUS) FROM ITS PUTATIVE ANADROMOUS ANCESTOR. Evolution; International Journal of Organic Evolution, 2012, 66, 3277-3286.	2.3	14

#	Article	IF	Citations
19	Exogenous iodide ameliorates perchlorate-induced thyroid phenotypes in threespine stickleback. General and Comparative Endocrinology, 2017, 243, 60-69.	1.8	14
20	Perchlorate Exposure Reduces Primordial Germ Cell Number in Female Threespine Stickleback. PLoS ONE, 2016, 11, e0157792.	2.5	14
21	Manganese accumulates in the brain of northern quolls (Dasyurus hallucatus) living near an active mine. Environmental Pollution, 2018, 233, 377-386.	7.5	12
22	Perchlorate exposure does not modulate temporal variation of whole-body thyroid and androgen hormone content in threespine stickleback. General and Comparative Endocrinology, 2015, 219, 45-52.	1.8	10
23	Manganese contamination affects the motor performance of wild northern quolls (Dasyurus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	7.5	10
24	Trophic plasticity and the invasion of a renowned piscivore: a diet synthesis of northern pike (Esox) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	9
25	Developmental timing of perchlorate exposure alters threespine stickleback dermal bone. General and Comparative Endocrinology, 2015, 219, 36-44.	1.8	7
26	Polychlorinated biphenyl (PCB) contamination of subsistence species on Unalaska Island in the Aleutian Archipelago. Heliyon, 2019, 5, e02989.	3.2	7
27	PFAS and PBDEs in traditional subsistence foods from Sivuqaq, Alaska. Environmental Science and Pollution Research, 2022, 29, 77145-77156.	5.3	6
28	Case studies on longitudinal mercury content in humpback whale (Megaptera novaeangliae) baleen. Heliyon, 2022, 8, e08681.	3.2	5
29	Elevated mercury and PCB concentrations in Dolly Varden (Salvelinus malma) collected near a formerly used defense site on Sivuqaq, Alaska. Science of the Total Environment, 2022, 826, 154067.	8.0	5
30	Evolution and developmental expression of the sodiumâ€“iodide symporter (<scp>NIS</scp>,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 15, 1079-1098.	3.1	4
31	Trophic ecology of introduced populations of Alaska blackfish (Dallia pectoralis) in the Cook Inlet Basin, Alaska. Environmental Biology of Fishes, 2016, 99, 557-569.	1.0	3
32	Perchlorate exposure does not induce obesity or non-alcoholic fatty liver disease in zebrafish. PLoS ONE, 2021, 16, e0254500.	2.5	3
33	Sample preparation method for metal(loid) contaminant quantitation in rodent hair collected in Yuma County, Arizona. Environmental Monitoring and Assessment, 2021, 193, 522.	2.7	1