Pekka J Vuorinen

List of Publications by Year
in descending order

76	2,250	172457	243625
papers	citations	29 h-index	44 g-index

77	77	77	1953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polychlorinated dibenzo-p-dioxins, dibenzofurans, biphenyls, naphthalenes and polybrominated diphenyl ethers in the edible fish caught from the Baltic Sea and lakes in Finland. Environmental Pollution, 2006, 141, 213-225.	7.5	121
2	Biomarker responses as indication of contaminant effects in blue mussel (Mytilus edulis) and female eelpout (Zoarces viviparus) from the southwestern Baltic Sea. Marine Pollution Bulletin, 2006, 53, 387-405.	5.0	118
3	Use of biliary PAH metabolites as a biomarker of pollution in fish from the Baltic Sea. Marine Pollution Bulletin, 2006, 53, 479-487.	5.0	114
4	The BEEP project in the Baltic Sea: Overview of results and outline for a regional biological effects monitoring strategy. Marine Pollution Bulletin, 2006, 53, 523-537.	5.0	85
5	Measurements of biomarker levels in flounder (Platichthys flesus) and blue mussel (Mytilus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	5.0	84
6	Biomarker responses in flounder (Platichthys flesus) and mussel (Mytilus edulis) in the KlaipÄ—da-BÅ«tingÄ— area (Baltic Sea). Marine Pollution Bulletin, 2006, 53, 422-436.	5.0	84
7	Toxic significance of planar aromatic compounds in Baltic ecosystem â€" New studies on extremely toxic coplanar PCBs. Chemosphere, 1989, 18, 1067-1077.	8.2	80
8	Acute effects and bioaccumulation of nodularin in sea trout (Salmo trutta m. trutta L.) exposed orally to Nodularia spumigena under laboratory conditions. Aquatic Toxicology, 2002, 61, 155-168.	4.0	70
9	The dependence of organohalogen compound concentrations on herring age and size in the Bothnian Sea, northern Baltic. Marine Pollution Bulletin, 2006, 52, 149-161.	5.0	62
10	How many fish populations in Finland are affected by acid precipitation?. Environmental Biology of Fishes, 1995, 42, 51-63.	1.0	55
11	Baltic salmon (Salmo salar) yolk-sac fry mortality is associated with disturbances in the function of hypoxia-inducible transcription factor (HIF-1Î±) and consecutive gene expression. Aquatic Toxicology, 2004, 68, 301-313.	4.0	51
12	The thiamine deficiency syndrome M74, a reproductive disorder of Atlantic salmon (Salmo salar) feeding in the Baltic Sea, is related to the fat and thiamine content of prey fish. ICES Journal of Marine Science, 2012, 69, 516-528.	2.5	51
13	Dioxins and other planar polychloroaromatic compounds in Baltic, Finnish and Arctic Fish samples. Chemosphere, 1989, 19, 527-530.	8.2	50
14	PCDD, PCDF, PCB and thiamine in Baltic herring (Clupea harengus L.) and sprat [Sprattus sprattus (L.)] as a background to the M74 syndrome of Baltic salmon (Salmo salar L.). ICES Journal of Marine Science, 2002, 59, 480-496.	2.5	44
15	Time trends and congener profiles of PCDD/Fs, PCBs, and PBDEs in Baltic herring off the coast of Finland during 1978â€"2009. Chemosphere, 2014, 114, 165-171.	8.2	43
16	Perfluoroalkyl acids in various edible Baltic, freshwater, and farmed fish in Finland. Chemosphere, 2015, 129, 186-191.	8.2	42
17	Acidification affects the perch, Perca fluviatilis, populations in small lakes, of southern Finland. Environmental Biology of Fishes, 1988, 21, 231-239.	1.0	40
18	The M74 syndrome of baltic salmon (Salmo salar) and organochlorine concentrations in the muscle of female salmon. Chemosphere, 1997, 34, 1151-1166.	8.2	40

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19	Organotin intake through fish consumption in Finland. Environmental Research, 2010, 110, 544-547.	7.5	39
20	Biomagnification of organohalogens in Atlantic salmon (Salmo salar) from its main prey species in three areas of the Baltic Sea. Science of the Total Environment, 2012, 421-422, 129-143.	8.0	37
21	Elevated water temperature impairs fertilization and embryonic development of whitefish Coregonus lavaretus. Journal of Fish Biology, 2010, 76, 502-521.	1.6	35
22	Oxygen and carbon isoscapes for the Baltic Sea: Testing their applicability in fish migration studies. Ecology and Evolution, 2017, 7, 2255-2267.	1.9	35
23	Migratory connectivity of two Baltic Sea salmon populations: retrospective analysis using stable isotopes of scales. ICES Journal of Marine Science, 2014, 71, 336-344.	2.5	34
24	Fatty acid composition of sprat (Sprattus sprattus) and herring (Clupea harengus) in the Baltic Sea as potential prey for salmon (Salmo salar). Helgoland Marine Research, 2017, 71, .	1.3	33
25	Reproduction, blood and plasma parameters and gill histology of vendace (Coregonus albula L.) in long-term exposure to acidity and aluminum. Ecotoxicology and Environmental Safety, 2003, 54, 255-276.	6.0	32
26	Concentrations of organotin compounds in various fish species in the Finnish lake waters and Finnish coast of the Baltic Sea. Science of the Total Environment, 2010, 408, 2474-2481.	8.0	32
27	Relationships between fish stock changes in the Baltic Sea and the M74 syndrome, a reproductive disorder of Atlantic salmon (Salmo salar). ICES Journal of Marine Science, 2011, 68, 2134-2144.	2.5	31
28	Contents and origin of polychlorinated diphenyl ethers (PCDE) in salmon from the Baltic Sea, Lake Saimaa and the Tenojoki river in Finland. Chemosphere, 1993, 27, 2365-2380.	8.2	29
29	A COMPARISON OF HPLC WITH FLUORESCENCE DETECTION AND FIXED WAVELENGTH FLUORESCENCE METHODS FOR THE DETERMINATION OF POLYCYCLIC AROMATIC HYDROCARBON METABOLITES IN FISH BILE. Polycyclic Aromatic Compounds, 2004, 24, 333-342.	2.6	29
30	Biochemical biomarkers in adult female perch (Perca fluviatilis) in a chronically polluted gradient in the Stockholm recipient (Sweden). Marine Pollution Bulletin, 2006, 53, 451-468.	5.0	28
31	Screening for cyanobacterial hepatotoxins in herring and salmon from the Baltic Sea. Aquatic Ecosystem Health and Management, 2002, 5, 451-456.	0.6	27
32	Chlorinated anisoles and veratroles in fish. Model compounds. Instrumental and sensory determinations. Chemosphere, 1987, 16, 1231-1241.	8.2	26
33	Accumulation and Effects of Nodularin from a Single and Repeated Oral Doses of Cyanobacterium Nodularia spumigena on Flounder (Platichthys flesus L.). Archives of Environmental Contamination and Toxicology, 2009, 57, 164-173.	4.1	25
34	Short- and long-term patterns of 137Cs in fish and other aquatic organisms of small forest lakes in southern Finland since the Chernobyl accident. Journal of Environmental Radioactivity, 2012, 103, 41-47.	1.7	24
35	Organochlorine compounds in Baltic salmon and trout. I. Chlorinated hydrocarbons and chlorophenols 1982. Chemosphere, 1985, 14, 1729-1740.	8.2	22
36	Concentrations of PCBs and other organochlorine compounds in eels (Anguilla anguilla, L.) of the Vanajavesi watercourse in southern Finland, 1990â€“1993. Science of the Total Environment, 1996, 187, 11-18.	8.0	22

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37	Organohalogen concentrations and feeding status in Atlantic salmon (Salmo salar L.) of the Baltic Sea during the spawning run. Science of the Total Environment, 2014, 468-469, 449-456.	8.0	22
38	Avoidance of bleached kraft mill effluent by pre-exposed Coregonus albula L.. Water Research, 1989, 23, 1219-1227.	11.3	21
39	Reproductive status, blood chemistry, gill histology and growth of perch (Perca fluviatilis) in three acidic lakes. Environmental Pollution, 1992, 78, 19-27.	7.5	21
40	Fatty acid signatures connect thiamine deficiency with the diet of the Atlantic salmon (Salmo salar) feeding in the Baltic Sea. Marine Biology, 2018, 165, 161.	1.5	20
41	Lethal and sublethal threshold values of aluminium and acidity to pike (Esox lucius), whitefish (Coregonus lavaretus pallasi), pike perch (Stizostedion lucioperca) and roach (Rutilus rutilus) yolk-sac fry. Science of the Total Environment, 1993, 134, 953-967.	8.0	19
42	Predicting Effects of Exploitation Rate on Weight-at-Age, Population Dynamics, and Bioaccumulation of PCDD/Fs and PCBs in Herring (Clupea harengusL.) in the Northern Baltic Sea. Environmental Science & Technology, 2007, 41, 1849-1855.	10.0	19
43	Interlaboratory Proficiency Testing for Measurement of the Polycyclic Aromatic Hydrocarbon Metabolite 1-Hydroxypyrene in Fish Bile for Marine Environmental Monitoring. Journal of AOAC INTERNATIONAL, 2013, 96, 635-641.	1.5	19
44	Levels and Congener Profiles of PBDEs in Edible Baltic, Freshwater, and Farmed Fish in Finland. Environmental Science & Technology, 2015, 49, 3851-3859.	10.0	19
45	Effects of bleached kraft mill effluent on early life stages of brown trout (Salmo trutta L.). Ecotoxicology and Environmental Safety, 1987, 14, 117-128.	6.0	18
46	Developmental disturbances in early life stage mortality (M74) of Baltic salmon fry as studied by changes in gene expression. BMC Genomics, 2006, 7, 56.	2.8	18
47	Dioxins and related aromatic chloroethers in Baltic wildlife. Chemosphere, 1987, 16, 1787-1790.	8.2	17
48	Fertilization and embryonic development of whitefish (Coregonus lavaretus lavaretus) in acidic low-ionic-strength water with aluminum. Ecotoxicology and Environmental Safety, 2003, 55, 314-329.	6.0	17
49	Effects of temperature on the recovery of juvenile grayling (Thymallus thymallus) from exposure to Al+Fe. Aquatic Toxicology, 2003, 65, 73-84.	4.0	17
50	Comparison of the responses of the yolk-sac fry of pike (Esox lucius) and roach (Rutilus rutilus) to low pH and aluminium: sodium influx, development and activity. Aquatic Toxicology, 2000, 47, 161-179.	4.0	15
51	Coupling stable isotopes with bioenergetics to evaluate sources of variation in organochlorine concentrations in Baltic salmon (Salmo salar). Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 2114-2126.	1.4	15
52	Studies on toxaphene in the environment. II. PCCs in Baltic and Arctic Sea and lake fish. Chemosphere, 1993, 27, 2011-2015.	8.2	14
53	Biological indications of contaminant exposure in Atlantic cod (Gadus morhua) in the Baltic Sea. Canadian Journal of Fisheries and Aquatic Sciences, 2008, 65, 1122-1134.	1.4	14
54	Changes in thiamine concentrations, fatty acid composition, and some other lipid-related biochemical indices in Baltic Sea Atlantic salmon (Salmo salar) during the spawning run and pre-spawning fasting. Helgoland Marine Research, 2020, 74, .	1.3	14

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55	Human Dietary Intake of Organochlorines from Baltic Herring: Implications of Individual Fish Variability and Fisheries Management. Ambio, 2007, 36, 257-264.	5.5	13
56	Review of organohalogen toxicants in fish from the Gulf of Finland. Journal of Marine Systems, 2017, 171, 141-150.	2.1	13
57	Distribution of perfluoroalkyl acids in fish species from the Baltic Sea and freshwaters in Finland. Chemosphere, 2022, 291, 132688.	8.2	12
58	Long-Term Exposure of Adult Whitefish (Coregonus wartmanni) to Low pH/Aluminium: Effects on Reproduction, Growth, Blood Composition and Gills. , 1990, , 941-961.		11
59	Ion Regulation in Whitefish (Coregonus lavaretusL.) Yolk-Sac Fry Exposed to Low pH and Aluminum at Low and Moderate Ionic Strength. Ecotoxicology and Environmental Safety, 1998, 40, 166-172.	6.0	10
60	Comparisons and temporal trends of organochlorines and heavy metals in fish from the gulf of Bothnia. Marine Pollution Bulletin, 1998, 36, 236-240.	5.0	10
61	Effects of bleached kraft mill effluent (BKME) on the schooling behavior of vendace (Coregonus) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	9
62	Effects of acidity and aluminium on fish gills in laboratory experiments and in the field. Science of the Total Environment, 1993, 134, 979-988.	8.0	9
63	Influence of the marine feeding area on the muscle and egg fattyâ€acid composition of Atlantic salmon Salmo salar spawners estimated from the scale stable isotopes. Journal of Fish Biology, 2017, 90, 1717-1733.	1.6	9
64	Radioactive strontium (85Sr) in marking newly hatched pike and success of stocking. Journal of Fish Biology, 1998, 52, 268-280.	1.6	8
65	Estimation of annual mortality rates caused by early mortality syndromes (EMS) and their impact on salmonid stockÂ–recruit relationships. Canadian Journal of Fisheries and Aquatic Sciences, 2006, 63, 1968-1981.	1.4	8
66	Whitefish stocking in acidified lakes: ecological and physiological responses. Hydrobiologia, 1992, 243-244, 277-282.	2.0	7
67	The susceptibility of early developmental phases of an acid-tolerant and acid-sensitive fish species to acidity and aluminum. Ecotoxicology and Environmental Safety, 2004, 58, 160-172.	6.0	6
68	Physiological status of whitefish (Coregonus lavaretus pallasi) prior to spawning in lakes of differing acidity. Aquatic Sciences, 2004, 66, 305.	1.5	5
69	2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN EQUIVALENTS IN EXTRACTS OF BALTIC WHITE-TAILED SEA EAGLES. Environmental Toxicology and Chemistry, 1997, 16, 1533.	4.3	5
70	Effects of furazolidone, PCB77, PCB126, Aroclor 1248, paraquat and p,pâ€²-DDE on transketolase activity in embryonal chicken brain. Toxicology, 2002, 173, 203-210.	4.2	4
71	Baseline concentrations of biliary PAH metabolites in perch (Perca fluviatilis) in the open Gulf of Finland and in two coastal areas. Journal of Marine Systems, 2017, 171, 134-140.	2.1	4
72	How to preserve and handle fish liver samples to conserve RNA integrity. Environmental Science and Pollution Research, 2019, 26, 17204-17213.	5.3	4

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73	Model for estimating thiamine deficiency-related mortality of Atlantic salmon (Salmo salar) offspring and variation in the Baltic salmon M74 syndrome. Marine and Freshwater Behaviour and Physiology, 2021, 54, 97-131.	0.9	4
74	High Lipid Content of Prey Fish and nâ^'3 PUFA Peroxidation Impair the Thiamine Status of Feeding-Migrating Atlantic Salmon (Salmo salar) and Is Reflected in Hepatic Biochemical Indices. Biomolecules, 2022, 12, 526.	4.0	3
75	Acute effects on perch (Perca fluviatilis) and long-term effects on whitefish (Coregonus lavaretus) Tj ETQq1 1 0.784314 rgBT /Overloc	0.7	2
76	Whitefish stocking in acidified lakes: ecological and physiological responses. , 1992, , 277-282.		1