

Michael van den Heuvel

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

742
citations

516681

16
h-index

610883

24
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51
all docs

51
docs citations

51
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of point source discharges on common bully (<i>Gobiomorphus cotidianus</i>) along the Waikato River, New Zealand. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2022, 56, 150-166.	2.0	1
2	Sometimes You Can Add a Bit of Salt: Additional Freshwater Insect Species in Canadian Estuaries. <i>Northeastern Naturalist</i> , 2022, 29, .	0.3	0
3	The Lifetime Migratory History of Anadromous Brook Trout (<i>Salvelinus fontinalis</i>): Insights and Risks from Pesticide-Induced Fish Kills. <i>Fishes</i> , 2022, 7, 109.	1.7	2
4	The Differential Effects of Salinity Level on Chlorpyrifos and Imidacloprid Toxicity to an Estuarine Amphipod. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2021, 106, 753-758.	2.7	4
5	Movement of non-native rainbow trout in an estuary with periodic summer hypoxia. <i>Hydrobiologia</i> , 2021, 848, 4001-4016.	2.0	3
6	Water Temperature and Hydrological Modelling in the Context of Environmental Flows and Future Climate Change: Case Study of the Wilmot River (Canada). <i>Water (Switzerland)</i> , 2021, 13, 2101.	2.7	10
7	Evaluating the Sampling Design of a Long-Term Community-Based Estuary Monitoring Program. <i>Fishes</i> , 2021, 6, 27.	1.7	1
8	Exposure of American lobster (<i>Homarus americanus</i>) to the pesticide chlorpyrifos results in changes in gene expression. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 40, 100918.	1.0	0
9	Adamantane carboxylic acids demonstrate mitochondrial toxicity consistent with oil sands-derived naphthenic acids. <i>Environmental Advances</i> , 2021, 5, 100092.	4.8	5
10	Assessing reproductive effects on fish populations: an evaluation of methods to predict the reproductive strategy of fishes. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 613.	2.7	2
11	Assessment of the effective width of riparian buffer strips to reduce suspended sediment in an agricultural landscape using ANFIS and SWAT models. <i>Catena</i> , 2020, 195, 104762.	5.0	27
12	Otolith microchemistry and acoustic telemetry reveal anadromy in non-native rainbow trout (<i>Oncorhynchus mykiss</i>) in Prince Edward Island, Canada. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2020, 77, 1117-1130.	1.4	6
13	Comparison of Acoustic to Optical Backscatter Continuous Measurements of Suspended Sediment Concentrations and Their Characterization in an Agriculturally Impacted River. <i>Water (Switzerland)</i> , 2019, 11, 981.	2.7	7
14	Inorganic nitrogen has a dominant impact on estuarine eelgrass distribution in the Southern Gulf of St. Lawrence, Canada. <i>Limnology and Oceanography</i> , 2019, 64, 2313-2327.	3.1	12
15	Effects of Sublethal Chlorpyrifos Exposure on Postlarval American Lobster (<i>Homarus</i>)	1.0784314	11
16	Identification of native and non-native grass shrimps (<i>Palaemon</i> spp. (Decapoda: Palaemonidae) by citizen science monitoring programs in Atlantic Canada. <i>Journal of Crustacean Biology</i> , 2019, 39, 189-192.	0.8	6
17	Correction: Impacts of hypoxia on estuarine macroinvertebrate assemblages across a regional nutrient gradient. <i>Facets</i> , 2019, 4, 161-161.	2.4	0
18	Nonsalmonid versus Salmonid Passage at Nature-Like and Pool-and-Weir Fishways in Atlantic Canada, with Special Attention to Rainbow Smelt. <i>Transactions of the American Fisheries Society</i> , 2018, 147, 94-110.	1.4	14

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19	Opportunistic disease in yellow perch in response to decadal changes in the chemistry of oil sands-affected waters. <i>Environmental Pollution</i> , 2018, 234, 769-778.	7.5	13
20	Rainbow trout (<i>Oncorhynchus mykiss</i>) habitat overlap with wild Atlantic salmon (<i>Salmo</i>) factors override competitive interactions?. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1949-1959.	1.4	6
21	Oil Sands Derived Naphthenic Acids Are Oxidative Uncouplers and Impair Electron Transport in Isolated Mitochondria. <i>Environmental Science & Technology</i> , 2018, 52, 10803-10811.	10.0	16
22	An empirical model using dissolved oxygen as an indicator for eutrophication at a regional scale. <i>Marine Pollution Bulletin</i> , 2018, 133, 261-270.	5.0	36
23	Impacts of hypoxia on estuarine macroinvertebrate assemblages across a regional nutrient gradient. <i>Facets</i> , 2018, 3, 23-44.	2.4	13
24	Population impacts in white sucker (<i>Catostomus commersonii</i>) exposed to oil sands-derived contaminants in the Athabasca River. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 2058-2067.	4.3	22
25	Elgrass Bed Structure, Leaf Nutrient, and Leaf Isotope Responses to Natural and Anthropogenic Gradients in Estuaries of the Southern Gulf of St. Lawrence, Canada. <i>Estuaries and Coasts</i> , 2017, 40, 1653-1665.	2.2	15
26	The Relationship between Organic Loading and Effects on Fish Reproduction for Pulp Mill Effluents across Canada. <i>Environmental Science & Technology</i> , 2017, 51, 3499-3507.	10.0	8
27	A modelling approach for estimating suspended sediment concentrations for multiple rivers influenced by agriculture. <i>Hydrological Sciences Journal</i> , 2017, 62, 2209-2221.	2.6	9
28	Transcriptional response in rainbow trout (<i>Oncorhynchus mykiss</i>) B cells and thrombocytes following in vivo exposure to benzo[a]pyrene. <i>Environmental Toxicology and Pharmacology</i> , 2017, 53, 212-218.	4.0	12
29	Are floating algal mats a refuge from hypoxia for estuarine invertebrates?. <i>PeerJ</i> , 2017, 5, e3080.	2.0	13
30	The influence of agricultural land-use on plant and macroinvertebrate communities in springs. <i>Limnology and Oceanography</i> , 2016, 61, 518-530.	3.1	14
31	Monitoring stream sediment loads in response to agriculture in Prince Edward Island, Canada. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 415.	2.7	18
32	Sublethal effects of aged oil sands-affected water on white sucker (<i>Catostomus</i>)	4.3	13
33	In Vitro Assessment of Endocrine Disrupting Potential of Naphthenic Acid Fractions Derived from Oil Sands-Influenced Water. <i>Environmental Science & Technology</i> , 2015, 49, 5743-5752.	10.0	29
34	Zinc and calcium modulate mitochondrial redox state and morphofunctional integrity. <i>Free Radical Biology and Medicine</i> , 2015, 84, 142-153.	2.9	18
35	Modeling land-based nitrogen loads from groundwater-dominated agricultural watersheds to estuaries to inform nutrient reduction planning. <i>Journal of Hydrology</i> , 2015, 529, 213-230.	5.4	30
36	Assessing accumulation and biliary excretion of naphthenic acids in yellow perch exposed to oil sands-affected waters. <i>Chemosphere</i> , 2014, 95, 619-627.	8.2	11

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37	The effects of benzo[a]pyrene on leucocyte distribution and antibody response in rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2014, 147, 121-128.	4.0	29
38	The immunological effects of oil sands surface waters and naphthenic acids on rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquatic Toxicology</i> , 2013, 142-143, 185-194.	4.0	42
39	Immunotoxic effects of oil sands-derived naphthenic acids to rainbow trout. <i>Aquatic Toxicology</i> , 2013, 126, 95-103.	4.0	42
40	Food web structure within an estuary of the southern Gulf of St. Lawrence undergoing eutrophication. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2013, 70, 1805-1812.	1.4	17
41	The effects of wood on stream habitat and native fish assemblages in <i>new Zealand</i> . <i>Ecology of Freshwater Fish</i> , 2013, 22, 553-566.	1.4	11
42	Evaluating cumulative effects of anthropogenic inputs in Prince Edward Island estuaries using the mummichog (<i>Fundulus heteroclitus</i>). <i>Integrated Environmental Assessment and Management</i> , 2013, 9, 496-507.	2.9	8
43	The Role of Submerged Aquatic Vegetation in Structuring the Nearshore Fish Community Within an Estuary of the Southern Gulf of St. Lawrence. <i>Estuaries and Coasts</i> , 2012, 35, 799-810.	2.2	34
44	Reproductive development of yellow perch (<i>Perca flavescens</i>) exposed to oil sands-affected waters. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 654-662.	4.3	45
45	Assessment of Northern Mummichog (<i>Fundulus heteroclitus macrolepidotus</i>) as an Estuarine Pollution Monitoring Species. <i>Water Quality Research Journal of Canada</i> , 2009, 44, 323-332.	2.7	17
46	Altered physiology of rainbow trout in response to modified energy intake combined with pulp and paper effluent exposure. <i>Ecotoxicology and Environmental Safety</i> , 2008, 69, 187-198.	6.0	15
47	Monitoring the Effects of Pulp and Paper Effluent Is Restricted in Genetically Distinct Populations of Common Bully (<i>Gobiomorphus cotidianus</i>). <i>Environmental Science & Technology</i> , 2007, 41, 2602-2608.	10.0	19
48	Responses of Shortfin Eel (<i>Anguilla Australis</i>) Exposed In Situ to Pulp and Paper Effluent. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1763-1779.	2.3	22
49	Assessment of the Reproductive-Endocrine Disrupting Potential of Chlorine Dioxide Oxidation Products of Plant Sterols. <i>Environmental Science & Technology</i> , 2006, 40, 2594-2600.	10.0	17
50	STIMULATION OF REPRODUCTIVE GROWTH IN RAINBOW TROUT (<i>ONCORHYNCHUS MYKISS</i>) FOLLOWING EXPOSURE TO TREATED SEWAGE EFFLUENT. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 2753.	4.3	13
51	Spatial and Temporal Differences in Fecundity of Atlantic Herring (<i>Clupea harengus</i>) off Nova Scotia and Consequences for Biological Reference Points. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 0, , .	1.4	4