

Kari-Matti Vuori

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

683
citations

516710

16
h-index

580821

25
g-index

25
all docs

25
docs citations

25
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of forest drainage on the macroinvertebrates of a small boreal headwater stream: Do buffer zones protect lotic biodiversity?. <i>Biological Conservation</i> , 1996, 77, 87-95.	4.1	70
2	Environmental and spatial correlates of community composition, richness and status of boreal lake macrophytes. <i>Ecological Indicators</i> , 2013, 32, 172-181.	6.3	66
3	Response of macrophyte communities and status metrics to natural gradients and land use in boreal lakes. <i>Aquatic Botany</i> , 2012, 103, 106-114.	1.6	54
4	Variable response of functional macrophyte groups to lake characteristics, land use, and space: implications for bioassessment. <i>Hydrobiologia</i> , 2014, 737, 201-214.	2.0	43
5	Rapid behavioural and morphological responses of hydropsychid larvae (trichoptera, hydropsychidae) to sublethal cadmium exposure. <i>Environmental Pollution</i> , 1994, 84, 291-299.	7.5	42
6	Title is missing!. <i>Hydrobiologia</i> , 2002, 474, 239-251.	2.0	40
7	Long-term trends and variation of acidity, CODMn and colour in coastal rivers of Western Finland in relation to climate and hydrology. <i>Science of the Total Environment</i> , 2010, 408, 5019-5027.	8.0	39
8	Forest drainage: a threat to benthic biodiversity of boreal headwater streams?. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 1998, 8, 745-759.	2.0	38
9	Effectiveness of Constructed Overland Flow Areas in Decreasing Diffuse Pollution from Forest Drainages. <i>Environmental Management</i> , 2003, 32, 602-613.	2.7	34
10	Spring bryophytes in forested landscapes: Land use effects on bryophyte species richness, community structure and persistence. <i>Biological Conservation</i> , 2005, 124, 539-545.	4.1	34
11	Metal concentrations in <i>Hydropsyche pellucidula</i> larvae (Trichoptera, Hydropsychidae) in relation to the anal papillae abnormalities and age of exocuticle. <i>Water Research</i> , 1996, 30, 2265-2272.	11.3	28
12	Assessing stream condition using macroinvertebrates and macrophytes: concordance of community responses to human impact. <i>Fundamental and Applied Limnology</i> , 2008, 172, 191-203.	0.7	27
13	Disentangling the responses of boreal stream assemblages to low stressor levels of diffuse pollution and altered channel morphology. <i>Science of the Total Environment</i> , 2016, 544, 954-962.	8.0	27
14	Caddis larvae (Trichoptera, Hydropsychidae) indicate delaying recovery of a watercourse polluted by pulp and paper industry. <i>Ecological Indicators</i> , 2012, 15, 217-226.	6.3	25
15	Ecological classification of large lakes in Finland: comparison of classification approaches using multiple quality elements. <i>Hydrobiologia</i> , 2011, 660, 37-47.	2.0	23
16	Utility of a single a priori river typology for reference conditions of boreal macroinvertebrates and diatoms. <i>Fundamental and Applied Limnology</i> , 2009, 175, 269-280.	0.7	16
17	Weight-of-evidence approach in assessment of ecotoxicological risks of acid sulphate soils in the Baltic Sea river estuaries. <i>Science of the Total Environment</i> , 2015, 508, 452-461.	8.0	16
18	Assessing pollution of the river Kymijoki via hydropsychid caddis flies: population age structure, microdistribution and gill abnormalities in the <i>Cheumatopsyche lepida</i> and <i>Hydropsyche pellucidula</i> larvae. <i>Archiv für Hydrobiologie</i> , 1996, 136, 171-190.	1.1	15

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19	Framework for designing and applying peak runoff control structures for peatland forestry conditions. <i>Forest Ecology and Management</i> , 2010, 260, 1262-1273.	3.2	12
20	Assessing ecotoxicity of biomining effluents in stream ecosystems by in situ invertebrate bioassays: A case study in Talvivaara, Finland. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 147-155.	4.3	12
21	Hydropsychid (Trichoptera, Hydropsychidae) gill abnormalities as morphological biomarkers of stream pollution. <i>Freshwater Biology</i> , 2002, 47, 1297-1306.	2.4	11
22	<i>Lumbriculus variegatus</i> (Annelida) biological responses and sediment sequential extractions indicate ecotoxicity of lake sediments contaminated by biomining. <i>Science of the Total Environment</i> , 2018, 645, 1253-1263.	8.0	5
23	Hyperspectral Imaging of Macroinvertebrates – a Pilot Study for Detecting Metal Contamination in Aquatic Ecosystems. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	4
24	<i>Potamanthus luteus</i> L. (Ephemeroptera, Ephemeridae) found for the first time in Finland: notes on the morphology and habitats of the nymphs. <i>Entomologica Fennica</i> , 1999, 10, 171-174.	0.6	1
25	Land use in acid sulphate soils degrades river water quality – Do the biological quality metrics respond?. <i>Ecological Indicators</i> , 2022, 141, 109085.	6.3	1