

Sondre Meland

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31
papers

358
citations

13
h-index

18
g-index

32
ext. papers

487
ext. citations

8.4
avg, IF

3.56
L-index

#	Paper	IF	Citations
31	Chemical and ecological effects of contaminated tunnel wash water runoff to a small Norwegian stream. <i>Science of the Total Environment</i> , 2010 , 408, 4107-17	10.2	33
30	Short-term temporal variations in speciation of Pb, Cu, Zn and Sb in a shooting range runoff stream. <i>Science of the Total Environment</i> , 2010 , 408, 2409-17	10.2	29
29	Speciation of selected trace elements in three Ethiopian Rift Valley Lakes (Koka, Ziway, and Awassa) and their major inflows. <i>Science of the Total Environment</i> , 2011 , 409, 3955-70	10.2	24
28	Exposure of brown trout (<i>Salmo trutta</i> L.) to tunnel wash water runoff--chemical characterisation and biological impact. <i>Science of the Total Environment</i> , 2010 , 408, 2646-56	10.2	21
27	Toxicity of road deicing salt (NaCl) and copper (Cu) to fertilization and early developmental stages of Atlantic salmon (<i>Salmo salar</i>). <i>Journal of Hazardous Materials</i> , 2014 , 280, 331-9	12.8	20
26	PAH related effects on fish in sedimentation ponds for road runoff and potential transfer of PAHs from sediment to biota. <i>Science of the Total Environment</i> , 2016 , 566-567, 1309-1317	10.2	20
25	PAH Accessibility in Particulate Matter from Road-Impacted Environments. <i>Environmental Science & Technology</i> , 2016 , 50, 7964-72	10.3	19
24	Challenges with Quantifying Tire Road Wear Particles: Recognizing the Need for Further Refinement of the ISO Technical Specification. <i>Environmental Science and Technology Letters</i> , 2021 , 8, 231-236	11	18
23	Identification of non-regulated polycyclic aromatic compounds and other markers of urban pollution in road tunnel particulate matter. <i>Journal of Hazardous Materials</i> , 2017 , 323, 36-44	12.8	16
22	Road de-icing salt: Assessment of a potential new source and pathway of microplastics particles from roads. <i>Science of the Total Environment</i> , 2020 , 738, 139352	10.2	15
21	Hepatic gene expression profile in brown trout (<i>Salmo trutta</i>) exposed to traffic related contaminants. <i>Science of the Total Environment</i> , 2011 , 409, 1430-43	10.2	15
20	Impact of environmental factors on aquatic biodiversity in roadside stormwater ponds. <i>Scientific Reports</i> , 2019 , 9, 5994	4.9	14
19	Ecotoxicological impact of highway runoff using brown trout (<i>Salmo trutta</i> L.) as an indicator model. <i>Journal of Environmental Monitoring</i> , 2010 , 12, 654-64		14
18	Aquatic biodiversity in sedimentation ponds receiving road runoff - What are the key drivers?. <i>Science of the Total Environment</i> , 2018 , 610-611, 1527-1535	10.2	13
17	DNA metabarcoding adds valuable information for management of biodiversity in roadside stormwater ponds. <i>Ecology and Evolution</i> , 2019 , 9, 9712-9722	2.8	11
16	Transcriptional changes in Atlantic salmon (<i>Salmo salar</i>) after embryonic exposure to road salt. <i>Aquatic Toxicology</i> , 2015 , 169, 58-68	5.1	9
15	Trace element mobility and transfer to vegetation within the Ethiopian Rift Valley lake areas. <i>Journal of Environmental Monitoring</i> , 2012 , 14, 2698-709		8

14	Does road salting confound the recovery of the microcrustacean community in an acidified lake?. <i>Science of the Total Environment</i> , 2014 , 478, 36-47	10.2	7
13	Polycyclic aromatic hydrocarbons: bioaccumulation in dragonfly nymphs (Anisoptera), and determination of alkylated forms in sediment for an improved environmental assessment. <i>Scientific Reports</i> , 2020 , 10, 10958	4.9	7
12	Assessing optimal water quality monitoring network in road construction using integrated information-theoretic techniques. <i>Journal of Hydrology</i> , 2020 , 589, 125366	6	7
11	A novel method for the quantification of tire and polymer-modified bitumen particles in environmental samples by pyrolysis gas chromatography mass spectroscopy. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127092	12.8	7
10	Mobility of radionuclides and trace elements in soil from legacy NORM and undisturbed naturally 232Th-rich sites. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 1124-34	4.3	6
9	In vivo and in vitro effects of tunnel wash water and traffic related contaminants on aquatic organisms. <i>Chemosphere</i> , 2016 , 164, 363-371	8.4	6
8	Road related pollutants induced DNA damage in dragonfly nymphs (Odonata, Anisoptera) living in highway sedimentation ponds. <i>Scientific Reports</i> , 2019 , 9, 16002	4.9	5
7	Occurrence of tire and road wear particles in urban and peri-urban snowbanks, and their potential environmental implications.. <i>Science of the Total Environment</i> , 2022 , 153785	10.2	5
6	Roads and motorized transport as major sources of priority substances? A data register study. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017 , 80, 1031-1047	3.2	3
5	Occurrence and trophic transport of organic compounds in sedimentation ponds for road runoff. <i>Science of the Total Environment</i> , 2021 , 751, 141808	10.2	3
4	A comparative study of macroinvertebrate biodiversity in highway stormwater ponds and natural ponds. <i>Science of the Total Environment</i> , 2020 , 740, 140029	10.2	2
3	Characterization of tire and road wear microplastic particle contamination in a road tunnel: From surface to release. <i>Journal of Hazardous Materials</i> , 2022 , 435, 129032	12.8	1
2	Purification Practices of Water Runoff from Construction of Norwegian Tunnels Status and Research Gaps 2013 , 475-484		0
1	Bioaccumulation of trace elements in liver and kidney of fish species from three freshwater lakes in the Ethiopian Rift Valley. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 329	3.1	0