

Sondre Meland

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

641
citations

516561

16
h-index

610775

24
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32
all docs

32
docs citations

32
times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.9	52
2	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.	6.5	42
3	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, 824, 153785.	3.9	41
4	Chemical and ecological effects of contaminated tunnel wash water runoff to a small Norwegian stream. <i>Science of the Total Environment</i> , 2010, 408, 4107-4117.	3.9	40
5	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, 3955-3970.	3.9	34
6	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, 2409-2417.	3.9	33
7	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.	3.9	28
8	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, 331-339.	6.5	27
9	Impact of environmental factors on aquatic biodiversity in roadside stormwater ponds. <i>Scientific Reports</i> , 2019, 9, 5994.	1.6	27
10	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.	3.9	27
11	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.	6.5	26
12	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, 2646-2656.	3.9	24
13	PAH Accessibility in Particulate Matter from Road-Impacted Environments. <i>Environmental Science & Technology</i> , 2016, 50, 7964-7972.	4.6	24
14	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.	6.5	24
15	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.	3.9	18
16	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.	1.6	18
17	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, 1430-1443.	3.9	17
18	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, 654-664.	2.1	16

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19	DNA metabarcoding adds valuable information for management of biodiversity in roadside stormwater ponds. <i>Ecology and Evolution</i> , 2019, 9, 9712-9722.	0.8	15
20	Road related pollutants induced DNA damage in dragonfly nymphs (Odonata, Anisoptera) living in highway sedimentation ponds. <i>Scientific Reports</i> , 2019, 9, 16002.	1.6	15
21	A comparative study of macroinvertebrate biodiversity in highway stormwater ponds and natural ponds. <i>Science of the Total Environment</i> , 2020, 740, 140029.	3.9	15
22	Transcriptional changes in Atlantic salmon (<i>Salmo salar</i>) after embryonic exposure to road salt. <i>Aquatic Toxicology</i> , 2015, 169, 58-68.	1.9	12
23	Occurrence and trophic transport of organic compounds in sedimentation ponds for road runoff. <i>Science of the Total Environment</i> , 2021, 751, 141808.	3.9	11
24	Trace element mobility and transfer to vegetation within the Ethiopian Rift Valley lake areas. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2698.	2.1	9
25	Mobility of radionuclides and trace elements in soil from legacy NORM and undisturbed naturally ²³² Th-rich sites. <i>Environmental Sciences: Processes and Impacts</i> , 2014, 16, 1124.	1.7	9
26	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.	3.9	9
27	InÂvivo and inÂvitro effects of tunnel wash water and traffic related contaminants on aquatic organisms. <i>Chemosphere</i> , 2016, 164, 363-371.	4.2	9
28	Assessing optimal water quality monitoring network in road construction using integrated information-theoretic techniques. <i>Journal of Hydrology</i> , 2020, 589, 125366.	2.3	8
29	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.	1.1	3
30	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.	1.3	3
31	Alkylated Polycyclic Aromatic Compounds in Road Runoff Are an Environmental Risk and Should Be Included in Future Investigations. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1838-1850.	2.2	3
32	Purification Practices of Water Runoff from Construction of Norwegian Tunnelsâ€”Status and Research Gaps. , 2013, , 475-484.		2