

Sven Teurlincx

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.

34
papers

624
citations

14
h-index

24
g-index

36
ext. papers

852
ext. citations

6.4
avg, IF

3.53
L-index

#	Paper	IF	Citations
34	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018 , 10,	4.9	109
33	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. <i>Aquatic Ecology</i> , 2015 , 49, 513-548	1.9	73
32	Alternative stable states in large shallow lakes?. <i>Journal of Great Lakes Research</i> , 2014 , 40, 813-826	3	65
31	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. <i>Frontiers in Plant Science</i> , 2018 , 9, 194	6.2	58
30	How to model algal blooms in any lake on earth. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 1-10	7.2	31
29	Exploring the reservoir of potential fungal plant pathogens in agricultural soil. <i>Applied Soil Ecology</i> , 2017 , 121, 152-160	5	28
28	Towards restoring urban waters: understanding the main pressures. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 49-58	7.2	27
27	Serving many at once: How a database approach can create unity in dynamical ecosystem modelling. <i>Environmental Modelling and Software</i> , 2014 , 61, 266-273	5.2	23
26	An affordable and reliable assessment of aquatic decomposition: Tailoring the Tea Bag Index to surface waters. <i>Water Research</i> , 2019 , 151, 31-43	12.5	22
25	PCLake+: A process-based ecological model to assess the trophic state of stratified and non-stratified freshwater lakes worldwide. <i>Ecological Modelling</i> , 2019 , 396, 23-32	3	20
24	The impact of river regulation on the biodiversity intactness of floodplain wetlands. <i>Wetlands Ecology and Management</i> , 2014 , 22, 647-658	2.1	19
23	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers. <i>Ecology Letters</i> , 2017 , 20, 751-760	10	17
22	Modeling water quality in the Anthropocene: directions for the next-generation aquatic ecosystem models. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 85-95	7.2	16
21	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. <i>Scientific Data</i> , 2018 , 5, 180226	8.2	15
20	Advantages of concurrent use of multiple software frameworks in water quality modelling using a database approach. <i>Fundamental and Applied Limnology</i> , 2015 , 186, 5-20	1.9	14
19	A perspective on water quality in connected systems: modelling feedback between upstream and downstream transport and local ecological processes. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 40, 21-29	7.2	10
18	Effect of river restoration on life-history strategies in fish communities. <i>Science of the Total Environment</i> , 2019 , 663, 486-495	10.2	10

17	Modelling induced bank filtration effects on freshwater ecosystems to ensure sustainable drinking water production. <i>Water Research</i> , 2019 , 157, 19-29	12.5	9
16	Warming and CO effects under oligotrophication on temperate phytoplankton communities. <i>Water Research</i> , 2020 , 173, 115579	12.5	9
15	Managing Successional Stage Heterogeneity to Maximize Landscape-Wide Biodiversity of Aquatic Vegetation in Ditch Networks. <i>Frontiers in Plant Science</i> , 2018 , 9, 1013	6.2	9
14	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. <i>Science of the Total Environment</i> , 2021 , 769, 144294	10.2	8
13	A Generically Parameterized model of Lake eutrophication (GPLake) that links field-, lab- and model-based knowledge. <i>Science of the Total Environment</i> , 2019 , 695, 133887	10.2	6
12	Innovative floating bifacial photovoltaic solutions for inland water areas. <i>Progress in Photovoltaics: Research and Applications</i> , 2020 , 29, 725	6.8	6
11	Exploring How Cyanobacterial Traits Affect Nutrient Loading Thresholds in Shallow Lakes: A Modelling Approach. <i>Water (Switzerland)</i> , 2020 , 12, 2467	3	4
10	Towards climate-robust water quality management: Testing the efficacy of different eutrophication control measures during a heatwave in an urban canal.. <i>Science of the Total Environment</i> , 2022 , 154421	10.2	4
9	Characterizing 19 thousand Chinese lakes, ponds and reservoirs by morphometric, climate and sediment characteristics. <i>Water Research</i> , 2021 , 202, 117427	12.5	3
8	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. <i>Limnology and Oceanography</i> , 2021 , 66, 4314	4.8	2
7	Changing human-ecosystem interactions during COVID-19 pandemic: reflections from an urban aquatic ecology perspective. <i>Current Opinion in Environmental Sustainability</i> , 2020 , 46, 32-34	7.2	2
6	Local Functioning, Landscape Structuring: Drivers of Soil Microbial Community Structure and Function in Peatlands. <i>Frontiers in Microbiology</i> , 2018 , 9, 2060	5.7	2
5	Serving many masters at once: a framework for assessing ecosystem services delivered by quarry lakes. <i>Inland Waters</i> , 1-17	2.4	1
4	What is the pollution limit? Comparing nutrient loads with thresholds to improve water quality in Lake Baiyangdian. <i>Science of the Total Environment</i> , 2021 , 807, 150710	10.2	1
3	Smart Nutrient Retention Networks: a novel approach for nutrient conservation through water quality management. <i>Inland Waters</i> , 1-16	2.4	0
2	Monitoring biological water quality by volunteers complements professional assessments.. <i>PLoS ONE</i> , 2022 , 17, e0263899	3.7	0
1	Flipping Lakes: Explaining concepts of catchment-scale water management through a serious game. <i>Limnology and Oceanography: Methods</i> , 2021 , 19, 443-456	2.6	