Sven Teurlincx

List of Publications by Year in Descending Order

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	Monitoring biological water quality by volunteers complements professional assessments.. *PLoS ONE*, **2022**, 17, e0263899	3.7	0
33	Towards climate-robust water quality management: Testing the efficacy of different eutrophication control measures during a heatwave in an urban canal.. *Science of the Total Environment*, **2022**, 154421	10.2	4
32	Stratification strength and light climate explain variation in chlorophyll a at the continental scale in a European multilake survey in a heatwave summer. *Limnology and Oceanography*, **2021**, 66, 4314	4.8	2
31	What is the pollution limit? Comparing nutrient loads with thresholds to improve water quality in Lake Baiyangdian. *Science of the Total Environment*, **2021**, 807, 150710	10.2	1
30	The value of novel ecosystems: Disclosing the ecological quality of quarry lakes. *Science of the Total Environment*, **2021**, 769, 144294	10.2	8
29	Flipping Lakes: Explaining concepts of catchment-scale water management through a serious game. *Limnology and Oceanography: Methods*, **2021**, 19, 443-456	2.6	
28	Characterizing 19 thousand Chinese lakes, ponds and reservoirs by morphometric, climate and sediment characteristics. *Water Research*, **2021**, 202, 117427	12.5	3
27	Innovative floating bifacial photovoltaic solutions for inland water areas. *Progress in Photovoltaics: Research and Applications*, **2020**, 29, 725	6.8	6
26	Warming and CO effects under oligotrophication on temperate phytoplankton communities. *Water Research*, **2020**, 173, 115579	12.5	9
25	Exploring How Cyanobacterial Traits Affect Nutrient Loading Thresholds in Shallow Lakes: A Modelling Approach. *Water (Switzerland)*, **2020**, 12, 2467	3	4
24	Changing human-ecosystem interactions during COVID-19 pandemic: reflections from an urban aquatic ecology perspective. *Current Opinion in Environmental Sustainability*, **2020**, 46, 32-34	7.2	2
23	A Generically Parameterized model of Lake eutrophication (GPLake) that links field-, lab- and model-based knowledge. *Science of the Total Environment*, **2019**, 695, 133887	10.2	6
22	A perspective on water quality in connected systems: modelling feedback between upstream and downstream transport and local ecological processes. *Current Opinion in Environmental Sustainability*, **2019**, 40, 21-29	7.2	10
21	Effect of river restoration on life-history strategies in fish communities. *Science of the Total Environment*, **2019**, 663, 486-495	10.2	10
20	PCLake+: A process-based ecological model to assess the trophic state of stratified and non-stratified freshwater lakes worldwide. *Ecological Modelling*, **2019**, 396, 23-32	3	20
19	Modelling induced bank filtration effects on freshwater ecosystems to ensure sustainable drinking water production. *Water Research*, **2019**, 157, 19-29	12.5	9
18	An affordable and reliable assessment of aquatic decomposition: Tailoring the Tea Bag Index to surface waters. *Water Research*, **2019**, 151, 31-43	12.5	22

17	Modeling water quality in the Anthropocene: directions for the next-generation aquatic ecosystem models. *Current Opinion in Environmental Sustainability*, **2019**, 36, 85-95	7.2	16
16	Towards restoring urban waters: understanding the main pressures. *Current Opinion in Environmental Sustainability*, **2019**, 36, 49-58	7.2	27
15	How to model algal blooms in any lake on earth. *Current Opinion in Environmental Sustainability*, **2019**, 36, 1-10	7.2	31
14	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. *Frontiers in Plant Science*, **2018**, 9, 194	6.2	58
13	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. *Toxins*, **2018**, 10,	4.9	109
12	Managing Successional Stage Heterogeneity to Maximize Landscape-Wide Biodiversity of Aquatic Vegetation in Ditch Networks. *Frontiers in Plant Science*, **2018**, 9, 1013	6.2	9
11	A European Multi Lake Survey dataset of environmental variables, phytoplankton pigments and cyanotoxins. *Scientific Data*, **2018**, 5, 180226	8.2	15
10	Local Functioning, Landscape Structuring: Drivers of Soil Microbial Community Structure and Function in Peatlands. *Frontiers in Microbiology*, **2018**, 9, 2060	5.7	2
9	Species sorting and stoichiometric plasticity control community C:P ratio of first-order aquatic consumers. *Ecology Letters*, **2017**, 20, 751-760	10	17
8	Exploring the reservoir of potential fungal plant pathogens in agricultural soil. *Applied Soil Ecology*, **2017**, 121, 152-160	5	28
7	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. *Aquatic Ecology*, **2015**, 49, 513-548	1.9	73
6	Advantages of concurrent use of multiple software frameworks in water quality modelling using a database approach. *Fundamental and Applied Limnology*, **2015**, 186, 5-20	1.9	14
5	The impact of river regulation on the biodiversity intactness of floodplain wetlands. *Wetlands Ecology and Management*, **2014**, 22, 647-658	2.1	19
4	Serving many at once: How a database approach can create unity in dynamical ecosystem modelling. *Environmental Modelling and Software*, **2014**, 61, 266-273	5.2	23
3	Alternative stable states in large shallow lakes?. *Journal of Great Lakes Research*, **2014**, 40, 813-826	3	65
2	Serving many masters at once: a framework for assessing ecosystem services delivered by quarry lakes. *Inland Waters*,1-17	2.4	1
1	Smart Nutrient Retention Networks: a novel approach for nutrient conservation through water quality management. *Inland Waters*,1-16	2.4	0