

Annette B G Janssen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/337/annette-b-g-janssen-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

36
papers

1,058
citations

20
h-index

32
g-index

38
ext. papers

1,488
ext. citations

7.4
avg, IF

4.34
L-index

#	Paper	IF	Citations
36	Spatial identification of critical nutrient loads of large shallow lakes: Implications for Lake Taihu (China). <i>Water Research</i> , 2017 , 119, 276-287	12.5	79
35	Hydrological regulation drives regime shifts: evidence from paleolimnology and ecosystem modeling of a large shallow Chinese lake. <i>Global Change Biology</i> , 2017 , 23, 737-754	11.4	77
34	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. <i>Aquatic Ecology</i> , 2015 , 49, 513-548	1.9	73
33	Evaluating early-warning indicators of critical transitions in natural aquatic ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8089-E8095	11.5	69
32	Alternative stable states in large shallow lakes?. <i>Journal of Great Lakes Research</i> , 2014 , 40, 813-826	3	65
31	Improvement in municipal wastewater treatment alters lake nitrogen to phosphorus ratios in populated regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11566-11572	11.5	59
30	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
29	Towards a global model for wetlands ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 11-19	7.2	45
28	Mowing Submerged Macrophytes in Shallow Lakes with Alternative Stable States: Battling the Good Guys?. <i>Environmental Management</i> , 2017 , 59, 619-634	3.1	43
27	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria's ecosystem services. <i>Ecology and Society</i> , 2014 , 19,	4.1	43
26	Excess nutrient loads to Lake Taihu: Opportunities for nutrient reduction. <i>Science of the Total Environment</i> , 2019 , 664, 865-873	10.2	42
25	Shifting states, shifting services: Linking regime shifts to changes in ecosystem services of shallow lakes. <i>Freshwater Biology</i> , 2021 , 66, 1-12	3.1	39
24	FABM-PLake Linking aquatic ecology with hydrodynamics. <i>Geoscientific Model Development</i> , 2016 , 9, 2271-2278	6.3	36
23	Ecological resilience in lakes and the conjunction fallacy. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1616-1624	4.3	31
22	How to model algal blooms in any lake on earth. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 1-10	7.2	31
21	How models can support ecosystem-based management of coral reefs. <i>Progress in Oceanography</i> , 2015 , 138, 559-570	3.8	29
20	Modeling nutrients in Lake Dianchi (China) and its watershed. <i>Agricultural Water Management</i> , 2019 , 212, 48-59	5.9	29

19	Towards restoring urban waters: understanding the main pressures. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 49-58	7.2	27
18	Success of lake restoration depends on spatial aspects of nutrient loading and hydrology. <i>Science of the Total Environment</i> , 2019 , 679, 248-259	10.2	24
17	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
16	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
15	Integrated modelling and management of water resources: the ecosystem perspective on the nexus approach. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 40, 14-20	7.2	17
14	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
13	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
12	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
11	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
10	Ecological Instability in Lakes: A Predictable Condition?. <i>Environmental Science & Technology</i> , 2016 , 50, 3285-6	10.3	8
9	Attribution of global lake systems change to anthropogenic forcing. <i>Nature Geoscience</i> ,	18.3	8
8	Accounting for interactions between Sustainable Development Goals is essential for water pollution control in China.. <i>Nature Communications</i> , 2022 , 13, 730	17.4	7
7	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
6	How Regime Shifts in Connected Aquatic Ecosystems Are Affected by the Typical Downstream Increase of Water Flow. <i>Ecosystems</i> , 2017 , 20, 733-744	3.9	6
5	Exploring How Cyanobacterial Traits Affect Nutrient Loading Thresholds in Shallow Lakes: A Modelling Approach. <i>Water (Switzerland)</i> , 2020 , 12, 2467	3	4
4	GREEN AGRICULTURE AND BLUE WATER IN CHINA: REINTEGRATING CROP AND LIVESTOCK PRODUCTION FOR CLEAN WATER. <i>Frontiers of Agricultural Science and Engineering</i> , 2021 , 8, 72	1.7	3
3	Characterizing 19 thousand Chinese lakes, ponds and reservoirs by morphometric, climate and sediment characteristics. <i>Water Research</i> , 2021 , 202, 117427	12.5	3
2	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

1 Smart Nutrient Retention Networks: a novel approach for nutrient conservation through water quality management. *Inland Waters*,1-16

2.4 ○