FrÃ©dÃ©ric Soulignac

List of Publications by Year
in descending order

9 papers	268 citations	1163117 8 h-index	1588992 8 g-index
10 all docs	10 docs citations	10 times ranked	465 citing authors

#	Article	IF	Citations
1	A multi-lake comparative analysis of the General Lake Model (GLM): Stress-testing across a global observatory network. Environmental Modelling and Software, 2018, 102, 274-291.	4.5	93
2	Neutral community model explains the bacterial community assembly in freshwater lakes. FEMS Microbiology Ecology, 2015, 91, fiv125.	2.7	56
3	Using 3D modeling and remote sensing capabilities for a better understanding of spatio-temporal heterogeneities of phytoplankton abundance in large lakes. Journal of Great Lakes Research, 2018, 44, 756-764.	1.9	31
4	Performance Assessment of a 3D Hydrodynamic Model Using High Temporal Resolution Measurements in a Shallow Urban Lake. Environmental Modeling and Assessment, 2017, 22, 309-322.	2.2	30
5	Modelling the plankton groups of the deep, peri-alpine Lake Bourget. Ecological Modelling, 2017, 359, 415-433.	2.5	21
6	Rapid changes in river plume dynamics caused by advected windâ€driven coastal upwelling as observed in Lake Geneva. Limnology and Oceanography, 2021, 66, 3116-3133.	3.1	12
7	Contribution of 3D coupled hydrodynamic-ecological modeling to assess the representativeness of a sampling protocol for lake water quality assessment. Knowledge and Management of Aquatic Ecosystems, 2019, , 42.	1.1	10
8	Impact of Escherichia coli from stormwater drainage on recreational water quality: an integrated monitoring and modelling of urban catchment, pipes and lake. Environmental Science and Pollution Research, 2021, 28, 2245-2259.	5.3	10
9	Tracing Unconfined Nearfield Spreading of a River Plume Interflow in a Large Lake (Lake Geneva): Hydrodynamics, Suspended Particulate Matter, and Associated Fluxes. Frontiers in Water, 0, 4, .	2.3	5