Serena Rasconi

List of Publications by Year
in descending order

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38	1,712	331670 21	414414 32
papers	citations	h-index	g-index

41	41	41	2079
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Primary and Net Ecosystem Production in a Large Lake Diagnosed From Highâ€Resolution Oxygen Measurements. Water Resources Research, 2021, 57, e2020WR029283.	4.2	13
2	Physico-chemical dataset from an in situ mesocosm experiment simulating extreme climate events in Lake Geneva (MESOLAC). Data in Brief, 2021, 36, 107150.	1.0	2
3	Multiple thresholds and trajectories of microbial biodiversity predicted across browning gradients by neural networks and decision tree learning. ISME Communications, 2021, 1, .	4.2	3
4	Short-Term Dynamics of Bdellovibrio and Like Organisms in Lake Geneva in Response to a Simulated Climatic Extreme Event. Microbial Ecology, 2021, , 1.	2.8	1
5	Congruence, but no cascadeâ€"Pelagic biodiversity across three trophic levels in Nordic lakes. Ecology and Evolution, 2020, 10, 8153-8165.	1.9	8
6	In situ pelagic dataset from continuous monitoring: A mesocosm experiment in Lake Geneva (MESOLAC). Data in Brief, 2020, 32, 106255.	1.0	4
7	Parasitic Chytrids Upgrade and Convey Primary Produced Carbon During Inedible Algae Proliferation. Protist, 2020, 171, 125768.	1.5	19
8	Scientistsâ€™ Warning to Humanity: Rapid degradation of the worldâ€™s large lakes. Journal of Great Lakes Research, 2020, 46, 686-702.	1.9	140
9	The Observatory on LAkes (OLA) database: Sixty years of environmental data accessible to the public. Journal of Limnology, 2020, 79, .	1.1	51
10	Erratum - Daphnia magna fitness during low food supply under different water temperature and brownification scenarios. Journal of Limnology, 2018, 77, .	1.1	0
11	Seston Fatty Acid Responses to Physicochemical Changes in Subalpine Lake Lunz, Austria. Water Resources Research, 2018, 54, 8442-8455.	4.2	4
12	Planktonic protistan communities in lakes along a large-scale environmental gradient. FEMS Microbiology Ecology, 2017, 93, fiw231.	2.7	28
13	Fungal communities in Scandinavian lakes along a longitudinal gradient. Fungal Ecology, 2017, 27, 36-46.	1.6	43
14	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. Environmental Microbiology, 2017, 19, 3802-3822.	3.8	171
15	Temperature increase and fluctuation induce phytoplankton biodiversity loss â€“ Evidence from a multiâ€seasonal mesocosm experiment. Ecology and Evolution, 2017, 7, 2936-2946.	1.9	84
16	Polyunsaturated fatty acids in fishes increase with total lipids irrespective of feeding sources and trophic position. Ecosphere, 2017, 8, e01753.	2.2	53
17	Irregular changes in lake surface water temperature and ice cover in subalpine Lake Lunz, Austria. Inland Waters, 2017, 7, 27-33.	2.2	31
18	Limnological research in and around the European Alps â€“ Linking up research stations, people, ideas, and perspectives for SIL at an inter-regional scale. Inland Waters, 2017, 7, 1-2.	2.2	0

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19	Daphnia magna fitness during low food supply under different water temperature and brownification scenarios. Journal of Limnology, 2016, , .	1.1	3
20	Molecular Diversity Studies in Lake Pavin Reveal the Ecological Importance of Parasitic True Fungi in the Plankton. , 2016, , 329-343.		4
21	Increasing Water Temperature Triggers Dominance of Small Freshwater Plankton. PLoS ONE, 2015, 10, e0140449.	2.5	111
22	Parasitic chytrids sustain zooplankton growth during inedible algal bloom. Frontiers in Microbiology, 2014, 5, 229.	3.5	38
23	Diagnosis of Parasitic Fungi in the Plankton: Technique for Identifying and Counting Infective Chytrids Using Epifluorescence Microscopy. , 2013, , 169-174.		1
24	Fluorescence In Situ Hybridization of Uncultured Zoosporic Fungi. , 2013, , 231-236.		1
25	Quantitative methods for the analysis of zoosporic fungi. Journal of Microbiological Methods, 2012, 89, 22-32.	1.6	29
26	Phytoplankton chytridiomycosis: community structure and infectivity of fungal parasites in aquatic ecosystems. Environmental Microbiology, 2012, 14, 2151-2170.	3.8	105
27	Molecular and morphological diversity of fungi and the associated functions in three European nearby lakes. Environmental Microbiology, 2012, 14, 2480-2494.	3.8	43
28	Parasitic fungi of phytoplankton: ecological roles and implications for microbial food webs. Aquatic Microbial Ecology, 2011, 62, 123-137.	1.8	69
29	Exploring and quantifying fungal diversity in freshwater lake ecosystems using rDNA cloning/sequencing and SSU tag pyrosequencing. Environmental Microbiology, 2011, 13, 1433-1453.	3.8	161
30	High Lytic Infection Rates but Low Abundances of Prokaryote Viruses in a Humic Lake (VassiviÃ¨re,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.1	15
31	Functional Effects of Parasites on Food Web Properties during the Spring Diatom Bloom in Lake Pavin: A Linear Inverse Modeling Analysis. PLoS ONE, 2011, 6, e23273.	2.5	70
32	Diversity and functions of microscopic fungi: a missing component in pelagic food webs. Aquatic Sciences, 2010, 72, 255-268.	1.5	91
33	Long-term trends of epilimnetic and hypolimnetic bacteria and organic carbon in a deep holo-oligomictic lake. Hydrobiologia, 2010, 644, 279-287.	2.0	33
34	Fluorescence in situ hybridization of uncultured zoosporic fungi: Testing with clone-FISH and application to freshwater samples using CARD-FISH. Journal of Microbiological Methods, 2010, 83, 236-243.	1.6	41
35	Bacteria , Archaea , and Crenarchaeota in the Epilimnion and Hypolimnion of a Deep Holo-Oligomictic Lake. Applied and Environmental Microbiology, 2009, 75, 7298-7300.	3.1	35
36	New Design Strategy for Development of Specific Primer Sets for PCR-Based Detection of Chlorophyceae and Bacillariophyceae in Environmental Samples. Applied and Environmental Microbiology, 2009, 75, 5729-5733.	3.1	40

#	Article	IF	Citations
37	Use of Calcofluor White for Detection, Identification, and Quantification of Phytoplanktonic Fungal Parasites. Applied and Environmental Microbiology, 2009, 75, 2545-2553.	3.1	137
38	Metadata standards and practical guidelines for specimen and DNA curation when building barcode reference libraries for aquatic life. Metabarcoding and Metagenomics, 0, 5, .	0.0	29