Serena Rasconi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/798196/publications.pdf

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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	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. Environmental Microbiology, 2017, 19, 3802-3822.	3.8	171
2	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
3	Scientistsâ€™ Warning to Humanity: Rapid degradation of the worldâ€™s large lakes. Journal of Great Lakes Research, 2020, 46, 686-702.	1.9	140
4	Use of Calcofluor White for Detection, Identification, and Quantification of Phytoplanktonic Fungal Parasites. Applied and Environmental Microbiology, 2009, 75, 2545-2553.	3.1	137
5	Increasing Water Temperature Triggers Dominance of Small Freshwater Plankton. PLoS ONE, 2015, 10, e0140449.	2.5	111
6	Phytoplankton chytridiomycosis: community structure and infectivity of fungal parasites in aquatic ecosystems. Environmental Microbiology, 2012, 14, 2151-2170.	3.8	105
7	Diversity and functions of microscopic fungi: a missing component in pelagic food webs. Aquatic Sciences, 2010, 72, 255-268.	1.5	91
8	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
9	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
10	Parasitic fungi of phytoplankton: ecological roles and implications for microbial food webs. Aquatic Microbial Ecology, 2011, 62, 123-137.	1.8	69
11	Polyunsaturated fatty acids in fishes increase with total lipids irrespective of feeding sources and trophic position. Ecosphere, 2017, 8, e01753.	2.2	53
12	The Observatory on LAkes (OLA) database: Sixty years of environmental data accessible to the public. Journal of Limnology, 2020, 79, .	1.1	51
13	Molecular and morphological diversity of fungi and the associated functions in three European nearby lakes. Environmental Microbiology, 2012, 14, 2480-2494.	3.8	43
14	Fungal communities in Scandinavian lakes along a longitudinal gradient. Fungal Ecology, 2017, 27, 36-46.	1.6	43
15	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
16	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
17	Parasitic chytrids sustain zooplankton growth during inedible algal bloom. Frontiers in Microbiology, 2014, 5, 229.	3.5	38
18	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

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19	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
20	Irregular changes in lake surface water temperature and ice cover in subalpine Lake Lunz, Austria. Inland Waters, 2017, 7, 27-33.	2.2	31
21	Quantitative methods for the analysis of zoosporic fungi. Journal of Microbiological Methods, 2012, 89, 22-32.	1.6	29
22	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
23	Planktonic protistan communities in lakes along a large-scale environmental gradient. FEMS Microbiology Ecology, 2017, 93, fiw231.	2.7	28
24	Parasitic Chytrids Upgrade and Convey Primary Produced Carbon During Inedible Algae Proliferation. Protist, 2020, 171, 125768.	1.5	19
25	High Lytic Infection Rates but Low Abundances of Prokaryote Viruses in a Humic Lake (VassiviÃ¨re,) Tj ETQq1 1 0.784314 rgBT /Overlo	3.1	15
26	Primary and Net Ecosystem Production in a Large Lake Diagnosed From Highâ€Resolution Oxygen Measurements. Water Resources Research, 2021, 57, e2020WR029283.	4.2	13
27	Congruence, but no cascadeâ€”Pelagic biodiversity across three trophic levels in Nordic lakes. Ecology and Evolution, 2020, 10, 8153-8165.	1.9	8
28	Molecular Diversity Studies in Lake Pavin Reveal the Ecological Importance of Parasitic True Fungi in the Plankton. , 2016, , 329-343.		4
29	Seston Fatty Acid Responses to Physicochemical Changes in Subalpine Lake Lunz, Austria. Water Resources Research, 2018, 54, 8442-8455.	4.2	4
30	In situ pelagic dataset from continuous monitoring: A mesocosm experiment in Lake Geneva (MESOLAC). Data in Brief, 2020, 32, 106255.	1.0	4
31	Daphnia magna fitness during low food supply under different water temperature and brownification scenarios. Journal of Limnology, 2016, , .	1.1	3
32	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
33	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
34	Diagnosis of Parasitic Fungi in the Plankton: Technique for Identifying and Counting Infective Chytrids Using Epifluorescence Microscopy. , 2013, , 169-174.		1
35	Fluorescence In Situ Hybridization of Uncultured Zoosporic Fungi. , 2013, , 231-236.		1
36	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

#	Article	IF	Citations
37	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
38	Erratum - Daphnia magna fitness during low food supply under different water temperature and brownification scenarios. Journal of Limnology, 2018, 77, .	1.1	0