

Silke Van den Wyngaert

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

993
citations

623734

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23
times ranked

1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercomparison of Two Fluorescent Dyes to Visualize Parasitic Fungi (Chytridiomycota) on Phytoplankton. <i>Microbial Ecology</i> , 2023, 85, 9-23.	2.8	10
2	Antarctic Glacial Meltwater Impacts the Diversity of Fungal Parasites Associated With Benthic Diatoms in Shallow Coastal Zones. <i>Frontiers in Microbiology</i> , 2022, 13, 805694.	3.5	7
3	Seasonality of parasitic and saprotrophic zoosporic fungi: linking sequence data to ecological traits. <i>ISME Journal</i> , 2022, 16, 2242-2254.	9.8	19
4	Fungi and Chytrids. , 2021, , .		1
5	Characterizing the "fungal shunt": Parasitic fungi on diatoms affect carbon flow and bacterial communities in aquatic microbial food webs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	61
6	Temporal dynamics of freshwater planktonic parasites inferred using a DNA metabarcoding time-series. <i>Parasitology</i> , 2021, 148, 1602-1611.	1.5	4
7	Trophic position, elemental ratios and nitrogen transfer in a planktonic host"parasite"consumer food chain including a fungal parasite. <i>Oecologia</i> , 2020, 194, 541-554.	2.0	20
8	Parasitic Chytrids Upgrade and Convey Primary Produced Carbon During Inedible Algae Proliferation. <i>Protist</i> , 2020, 171, 125768.	1.5	19
9	Fungal communities in groundwater springs along the volcanic zone of Iceland. <i>Inland Waters</i> , 2020, 10, 418-427.	2.2	9
10	Potentials and limitations of quantification of fungi in freshwater environments based on PLFA profiles. <i>Fungal Ecology</i> , 2019, 41, 256-268.	1.6	14
11	Fungi in aquatic ecosystems. <i>Nature Reviews Microbiology</i> , 2019, 17, 339-354.	28.6	266
12	Introducing ribosomal tandem repeat barcoding for fungi. <i>Molecular Ecology Resources</i> , 2019, 19, 118-127.	4.8	78
13	Diversity and Hidden Host Specificity of Chytrids Infecting Colonial Volvocacean Algae. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 870-881.	1.7	40
14	Taxonomic annotation of public fungal ITS sequences from the built environment " a report from an April 10"11, 2017 workshop (Aberdeen, UK). <i>MycKeys</i> , 2018, 28, 65-82.	1.9	33
15	A New Parasitic Chytrid, <i>Staurastromyces oculus</i> (Rhizophydiales, Staurastromycetaceae fam. nov.), Infecting the Freshwater Desmid <i>Staurastrum</i> sp.. <i>Protist</i> , 2017, 168, 392-407.	1.5	30
16	Integrating chytrid fungal parasites into plankton ecology: research gaps and needs. <i>Environmental Microbiology</i> , 2017, 19, 3802-3822.	3.8	171
17	Hidden diversity in the freshwater planktonic diatom <i>Asterionella formosa</i> . <i>Molecular Ecology</i> , 2015, 24, 2955-2972.	3.9	22
18	Parasite Fitness Traits Under Environmental Variation: Disentangling the Roles of a Chytrid's Immediate Host and External Environment. <i>Microbial Ecology</i> , 2014, 68, 645-656.	2.8	20

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19	Herbicides in the environment alter infection dynamics in a microbial host-parasite system. <i>Environmental Microbiology</i> , 2013, 15, 837-847.	3.8	9
20	Chytrid infections and diatom spring blooms: paradoxical effects of climate warming on fungal epidemics in lakes. <i>Freshwater Biology</i> , 2011, 56, 754-766.	2.4	92
21	Quantitative dominance of seasonally persistent filamentous cyanobacteria (<i>Planktothrix</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 97-109.	3.1	49
22	Automated Quantification and Sizing of Unbranched Filamentous Cyanobacteria by Model-Based Object-Oriented Image Analysis. <i>Applied and Environmental Microbiology</i> , 2010, 76, 1615-1622.	3.1	19