

# Vera L M Huszar

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

7,653  
citations

66343

42  
h-index

53230

85  
g-index

96  
all docs

96  
docs citations

96  
times ranked

6270  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphorus balance in a tropical shallow urban pond in Southeast Brazil: implications for eutrophication management. <i>Inland Waters</i> , 2022, 12, 78-93.	2.2	4
2	Assessing the long-term efficacy of internal loading management to control eutrophication in Lake Rauwbraken. <i>Inland Waters</i> , 2022, 12, 61-77.	2.2	7
3	Distance decay 2.0 – A global synthesis of taxonomic and functional turnover in ecological communities. <i>Global Ecology and Biogeography</i> , 2022, 31, 1399-1421.	5.8	40
4	Reynolds Functional Groups: a trait-based pathway from patterns to predictions. <i>Hydrobiologia</i> , 2021, 848, 113-129.	2.0	31
5	Increasing Temperature Counteracts the Negative Effect of UV Radiation on Growth and Photosynthetic Efficiency of <i>Microcystis aeruginosa</i> and <i>Raphidiopsis raciborskii</i> . <i>Photochemistry and Photobiology</i> , 2021, 97, 753-762.	2.5	4
6	Spreading of the invasive dinoflagellate <i>Ceratium furcoides</i> (Levander) Langhans throughout the Paraíba do Sul ecoregion, South America, Brazil. , 2021, 40, 233-246.		8
7	Rainfall leads to habitat homogenization and facilitates plankton dispersal in tropical semiarid lakes. <i>Aquatic Ecology</i> , 2020, 54, 225-241.	1.5	20
8	Downstream transport processes modulate the effects of environmental heterogeneity on riverine phytoplankton. <i>Science of the Total Environment</i> , 2020, 703, 135519.	8.0	16
9	Coagulation and precipitation of cyanobacterial blooms. <i>Ecological Engineering</i> , 2020, 158, 106032.	3.6	33
10	Diversity patterns of planktonic microeukaryote communities in tropical floodplain lakes based on 18S rDNA gene sequences. <i>Journal of Plankton Research</i> , 2019, 41, 241-256.	1.8	13
11	New lake in a changing world: the construction and filling of a small hydropower reservoir in the tropics (Rio de Janeiro, Brazil). <i>Environmental Science and Pollution Research</i> , 2019, 26, 36007-36022.	5.3	12
12	Phytoplankton and its biotic interactions: Colin Reynolds's™ legacy to phytoplankton ecologists. <i>Hydrobiologia</i> , 2019, 831, 1-4.	2.0	1
13	Seasonal and diel variation in greenhouse gas emissions from an urban pond and its major drivers. <i>Limnology and Oceanography</i> , 2019, 64, 2129-2139.	3.1	70
14	Pigments in surface sediments of South American shallow lakes as an integrative proxy for primary producers and their drivers. <i>Freshwater Biology</i> , 2019, 64, 1437-1452.	2.4	9
15	Limnological effects of a large Amazonian run-of-river dam on the main river and drowned tributary valleys. <i>Scientific Reports</i> , 2019, 9, 16846.	3.3	30
16	Plankton community interactions in an Amazonian floodplain lake, from bacteria to zooplankton. <i>Hydrobiologia</i> , 2019, 831, 55-70.	2.0	14
17	Assessing the effect of abiotic variables and zooplankton on picocyanobacterial dominance in two tropical mesotrophic reservoirs by means of evolutionary computation. <i>Water Research</i> , 2019, 149, 120-129.	11.3	14
18	Managing Eutrophication in a Tropical Brackish Water Lagoon: Testing Lanthanum-Modified Clay and Coagulant for Internal Load Reduction and Cyanobacteria Bloom Removal. <i>Estuaries and Coasts</i> , 2019, 42, 390-402.	2.2	14

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19	Effect of suspended clay on growth rates of the cyanobacterium <i>Cylindrospermopsis raciborskii</i> . <i>Fundamental and Applied Limnology</i> , 2018, 191, 13-23.	0.7	3
20	Chitosan as coagulant on cyanobacteria in lake restoration management may cause rapid cell lysis. <i>Water Research</i> , 2017, 118, 121-130.	11.3	47
21	The efficiency of combined coagulant and ballast to remove harmful cyanobacterial blooms in a tropical shallow system. <i>Harmful Algae</i> , 2017, 65, 27-39.	4.8	34
22	Critical assessment of chitosan as coagulant to remove cyanobacteria. <i>Harmful Algae</i> , 2017, 66, 1-12.	4.8	24
23	Long-term dynamics of a floodplain shallow lake in the Pantanal wetland: Is it all about climate?. <i>Science of the Total Environment</i> , 2017, 605-606, 527-540.	8.0	26
24	Efficacy of Coagulants and Ballast Compounds in Removal of Cyanobacteria ( <i>Microcystis</i> ) from Water of the Tropical Lagoon Jacarepaguã (Rio de Janeiro, Brazil). <i>Estuaries and Coasts</i> , 2017, 40, 121-133.	2.2	23
25	Coagulant plus ballast technique provides a rapid mitigation of cyanobacterial nuisance. <i>PLoS ONE</i> , 2017, 12, e0178976.	2.5	20
26	Environmental factors driving phytoplankton taxonomic and functional diversity in Amazonian floodplain lakes. <i>Hydrobiologia</i> , 2017, 802, 115-130.	2.0	54
27	Classification of Reynolds phytoplankton functional groups using individual traits and machine learning techniques. <i>Freshwater Biology</i> , 2017, 62, 1681-1692.	2.4	55
28	High Primary Production Contrasts with Intense Carbon Emission in a Eutrophic Tropical Reservoir. <i>Frontiers in Microbiology</i> , 2016, 7, 717.	3.5	63
29	Subaerial eukaryotic algae and cyanobacteria on dripping rocks in the Atlantic Forest of southeast Brazil: composition and abundance. <i>Revista Brasileira De Botanica</i> , 2016, 39, 741-749.	1.3	1
30	Environmental factors affecting chlorophyll-a concentration in tropical floodplain lakes, Central Brazil. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 611.	2.7	16
31	Comparing the effects of landscape and local environmental variables on taxonomic and functional composition of phytoplankton communities. <i>Journal of Plankton Research</i> , 2016, 38, 1334-1346.	1.8	29
32	Controlling cyanobacterial blooms through effective flocculation and sedimentation with combined use of flocculants and phosphorus adsorbing natural soil and modified clay. <i>Water Research</i> , 2016, 97, 26-38.	11.3	102
33	Drought-induced water-level reduction favors cyanobacteria blooms in tropical shallow lakes. <i>Hydrobiologia</i> , 2016, 770, 145-164.	2.0	127
34	The structuring role of free-floating plants on the fish community in a tropical shallow lake: an experimental approach with natural and artificial plants. <i>Hydrobiologia</i> , 2016, 778, 167-178.	2.0	9
35	Cyanobacteria are controlled by omnivorous filter-feeding fish (Nile tilapia) in a tropical eutrophic reservoir. <i>Hydrobiologia</i> , 2016, 765, 115-129.	2.0	37
36	The roles of environmental conditions and geographical distances on the species turnover of the whole phytoplankton and zooplankton communities and their subsets in tropical reservoirs. <i>Hydrobiologia</i> , 2016, 764, 171-186.	2.0	38

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37	Phosphorus transport by the largest Amazon tributary (Madeira River, Brazil) and its sensitivity to precipitation and damming. <i>Inland Waters</i> , 2015, 5, 275-282.	2.2	17
38	Brazilian scientific production on phytoplankton studies: national determinants and international comparisons. <i>Brazilian Journal of Biology</i> , 2015, 75, 216-223.	0.9	22
39	Environmental rather than spatial factors structure bacterioplankton communities in shallow lakes along a 6000 km latitudinal gradient in South America. <i>Environmental Microbiology</i> , 2015, 17, 2336-2351.	3.8	67
40	Modelling and forecasting the heterogeneous distribution of picocyanobacteria in the tropical Lajes Reservoir (Brazil) by evolutionary computation. <i>Hydrobiologia</i> , 2015, 749, 53-67.	2.0	8
41	Using lower taxonomic resolution and ecological approaches as a surrogate for plankton species. <i>Hydrobiologia</i> , 2015, 743, 255-267.	2.0	38
42	Drivers of phytoplankton, bacterioplankton, and zooplankton carbon biomass in tropical hydroelectric reservoirs. <i>Limnologia</i> , 2014, 48, 1-10.	1.5	48
43	Low water quality in tropical fishponds in southeastern Brazil. <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 1181-1195.	0.8	12
44	Tilapia rendalli increases phytoplankton biomass of a shallow tropical lake. <i>Acta Limnologica Brasiliensia</i> , 2014, 26, 429-441.	0.4	10
45	Plankton dynamics under different climate conditions in tropical freshwater systems (a reply to the) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	2.4	14
46	Plankton dynamics under different climatic conditions in space and time. <i>Freshwater Biology</i> , 2013, 58, 463-482.	2.4	259
47	Comparison of cyanobacterial and green algal growth rates at different temperatures. <i>Freshwater Biology</i> , 2013, 58, 552-559.	2.4	351
48	Growth and temperature-related phenotypic plasticity in the cyanobacterium <i>Cylindrospermopsis raciborskii</i> . <i>Phycological Research</i> , 2013, 61, 61-67.	1.6	60
49	Cyanobacterial dominance in Brazil: distribution and environmental preferences. <i>Hydrobiologia</i> , 2013, 717, 1-12.	2.0	70
50	Phytoplankton species predictability increases towards warmer regions. <i>Limnology and Oceanography</i> , 2012, 57, 1126-1135.	3.1	14
51	Eutrophication and retention time affecting spatial heterogeneity in a tropical reservoir. <i>Limnologia</i> , 2012, 42, 197-203.	1.5	74
52	Phytoplankton abundance, biomass and diversity within and between Pantanal wetland habitats. <i>Limnologia</i> , 2012, 42, 235-241.	1.5	42
53	Climate change in Brazil: perspective on the biogeochemistry of inland waters. <i>Brazilian Journal of Biology</i> , 2012, 72, 709-722.	0.9	52
54	Microalgae community of the Huaytira wetland, an Andean high-altitude wetland in Peru. <i>Acta Limnologica Brasiliensia</i> , 2012, 24, 285-292.	0.4	6

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55	Phytoplankton biomass is mainly controlled by hydrology and phosphorus concentrations in tropical hydroelectric reservoirs. <i>Hydrobiologia</i> , 2012, 693, 13-28.	2.0	114
56	Warmer climates boost cyanobacterial dominance in shallow lakes. <i>Global Change Biology</i> , 2012, 18, 118-126.	9.5	663
57	What drives the distribution of the bloom-forming cyanobacteria <i>Planktothrix agardhii</i> and <i>Cylindrospermopsis raciborskii</i> ?. <i>FEMS Microbiology Ecology</i> , 2012, 79, 594-607.	2.7	195
58	Carbon emission from hydroelectric reservoirs linked to reservoir age and latitude. <i>Nature Geoscience</i> , 2011, 4, 593-596.	12.9	600
59	Phytoplankton community composition can be predicted best in terms of morphological groups. <i>Limnology and Oceanography</i> , 2011, 56, 110-118.	3.1	112
60	Ambiguous climate impacts on competition between submerged macrophytes and phytoplankton in shallow lakes. <i>Freshwater Biology</i> , 2011, 56, 1540-1553.	2.4	59
61	Occurrence of anatoxin-a(s) during a bloom of <i>Anabaena crassa</i> in a water-supply reservoir in southern Brazil. <i>Journal of Applied Phycology</i> , 2010, 22, 235-241.	2.8	17
62	A morphological classification capturing functional variation in phytoplankton. <i>Freshwater Biology</i> , 2010, 55, 614-627.	2.4	393
63	Responses of the rotifer <i>Brachionus calyciflorus</i> to two tropical toxic cyanobacteria ( <i>Cylindrospermopsis raciborskii</i> and <i>Microcystis aeruginosa</i> ) in pure and mixed diets with green algae. <i>Journal of Plankton Research</i> , 2010, 32, 999-1008.	1.8	58
64	Driving factors of the phytoplankton functional groups in a deep Mediterranean reservoir. <i>Water Research</i> , 2010, 44, 3345-3354.	11.3	157
65	Relationships between pelagic bacteria and phytoplankton abundances in contrasting tropical freshwaters. <i>Aquatic Microbial Ecology</i> , 2010, 60, 261-272.	1.8	28
66	Cyanobacterial equilibrium phases in a small tropical impoundment. <i>Journal of Plankton Research</i> , 2009, 31, 1331-1338.	1.8	13
67	Changes in species composition during annual cyanobacterial dominance in a tropical reservoir: physical factors, nutrients and grazing effects. <i>Aquatic Microbial Ecology</i> , 2009, 57, 137-149.	1.8	107
68	Hydrology-Driven Regime Shifts in a Shallow Tropical Lake. <i>Ecosystems</i> , 2009, 12, 807-819.	3.4	58
69	Diel variation of phytoplankton functional groups in a subtropical reservoir in southern Brazil during an autumnal stratification period. <i>Aquatic Ecology</i> , 2009, 43, 285-293.	1.5	35
70	Responses of phytoplankton functional groups to the mixing regime in a deep subtropical reservoir. <i>Hydrobiologia</i> , 2009, 628, 137-151.	2.0	116
71	Phytoplankton Functional Groups in a Tropical Estuary: Hydrological Control and Nutrient Limitation. <i>Estuaries and Coasts</i> , 2009, 32, 508-521.	2.2	96
72	Effects of the cyanobacterium <i>Cylindrospermopsis raciborskii</i> on feeding and life-history characteristics of the grazer <i>Daphnia magna</i> . <i>Ecotoxicology and Environmental Safety</i> , 2009, 72, 1183-1189.	6.0	49

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73	Lake and watershed characteristics rather than climate influence nutrient limitation in shallow lakes. <i>Ecological Applications</i> , 2009, 19, 1791-1804.	3.8	91
74	The effects of water retention time and watershed features on the limnology of two tropical reservoirs in Brazil. <i>Lakes and Reservoirs: Research and Management</i> , 2008, 13, 257-269.	0.9	97
75	Phytoplankton equilibrium phases during thermal stratification in a deep subtropical reservoir. <i>Freshwater Biology</i> , 2008, 53, 952-963.	2.4	70
76	Phytoplankton dynamics in two tropical rivers with different degrees of human impact (southeast) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	60
77	Phytoplankton composition and functional groups in a tropical humic coastal lagoon, Brazil. <i>Acta Botanica Brasilica</i> , 2006, 20, 701-708.	0.8	19
78	Sources of reactive nitrogen affecting ecosystems in Latin America and the Caribbean: current trends and future perspectives. <i>Biogeochemistry</i> , 2006, 79, 3-24.	3.5	48
79	Nutrient-chlorophyll relationships in tropical-subtropical lakes: do temperate models fit?. <i>Biogeochemistry</i> , 2006, 79, 239-250.	3.5	90
80	Desmids of phytotelm terrestrial bromeliads from the National Park of "Restinga de Jurubatiba", Southeast Brasil. <i>Algological Studies</i> , 2004, 114, 99-119.	0.1	8
81	Limnological features in Tapacurã reservoir (northeast Brazil) during a severe drought. <i>Hydrobiologia</i> , 2003, 493, 115-130.	2.0	111
82	Steady-state assemblages of phytoplankton in four temperate lakes (NE U.S.A.). <i>Hydrobiologia</i> , 2003, 502, 97-109.	2.0	49
83	Taxonomy and ecology of <i>Synedropsis roundii</i> sp. nov. (Bacillariophyta) from a tropical brackish coastal lagoon, south-eastern Brazil. <i>Phycologia</i> , 2003, 42, 71-79.	1.4	12
84	<i>Limnothrix bicudoi</i> , a new species of Cyanophyceae/Cyanobacteria from Southeast of Brazil. <i>Algological Studies</i> (Stuttgart, Germany: 2007), 2003, 109, 93-102.	0.4	5
85	Steady-state assemblages of phytoplankton in four temperate lakes (NE U.S.A.). , 2003, , 97-109.		8
86	Towards a functional classification of the freshwater phytoplankton. <i>Journal of Plankton Research</i> , 2002, 24, 417-428.	1.8	1,541
87	Nutrient availability and physical conditions as controlling factors of phytoplankton composition and biomass in a tropical reservoir (Southeastern Brazil). <i>Fundamental and Applied Limnology</i> , 2002, 153, 443-468.	0.7	54
88	Cyanoprokaryote assemblages in eight productive tropical Brazilian waters. <i>Hydrobiologia</i> , 2000, 424, 67-77.	2.0	124
89	Phytoplankton in an Amazonian flood-plain lake (Lago Batata, Brasil): diel variation and species strategies. <i>Journal of Plankton Research</i> , 2000, 22, 63-76.	1.8	70
90	Title is missing!. <i>Hydrobiologia</i> , 1998, 369/370, 59-71.	2.0	35

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91	The relationship between phytoplankton composition and physical–chemical variables: a comparison of taxonomic and morphological–functional descriptors in six temperate lakes. <i>Freshwater Biology</i> , 1998, 40, 679-696.	2.4	48
92	Planktonic communities of a tropical coastal lagoon: temporal variations. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1998, 26, 1438-1438.	0.1	0
93	Environmental and not spatial processes (directional and non-directional) shape the phytoplankton composition and functional groups in a large subtropical river basin. <i>Journal of Plankton Research</i> , 0, , fbv084.	1.8	11
94	The success of the cyanobacterium <i>Cylindrospermopsis raciborskii</i> in freshwaters is enhanced by the combined effects of light intensity and temperature. <i>Journal of Limnology</i> , 0, , .	1.1	8
95	Functional redundancy increases towards the tropics in lake phytoplankton. <i>Journal of Plankton Research</i> , 0, , .	1.8	11
96	Potential effects of warming on the trophic structure of shallow lakes in South America: a comparative analysis of subtropical and tropical systems. <i>Hydrobiologia</i> , 0, , 1.	2.0	1