

Marinamarcella Manca

List of Publications by Year in descending order

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78
papers

3,026
citations

201674

27
h-index

168389

53
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78
all docs

78
docs citations

78
times ranked

3279
citing authors

#	ARTICLE	IF	CITATIONS
1	Lake responses to reduced nutrient loading - an analysis of contemporary long-term data from 35 case studies. <i>Freshwater Biology</i> , 2005, 50, 1747-1771.	2.4	1,080
2	Ecological thresholds in European alpine lakes. <i>Freshwater Biology</i> , 2009, 54, 2494-2517.	2.4	117
3	Major changes in trophic dynamics in large, deep sub-alpine Lake Maggiore from 1940s to 2002: a high resolution comparative palaeo-neolimnological study. <i>Freshwater Biology</i> , 2007, 52, 2256-2269.	2.4	83
4	Climate Change and the Future of Freshwater Biodiversity in Europe: A Primer for Policy-Makers. <i>Freshwater Reviews: A Journal of the Freshwater Biological Association</i> , 2009, 2, 103-130.	1.0	80
5	Invasion genetics of the Eurasian spiny waterflea: evidence for bottlenecks and gene flow using microsatellites. <i>Molecular Ecology</i> , 2005, 14, 1869-1879.	3.9	79
6	Factors influencing species richness in lacustrine zooplankton. <i>Acta Oecologica</i> , 2002, 23, 155-163.	1.1	77
7	Organisms' response in a chronically polluted lake supports hypothesized link between stress and size. <i>Limnology and Oceanography</i> , 1998, 43, 1938-1943.	3.1	65
8	Biomass estimates of freshwater zooplankton from length-carbon regression equations. <i>Journal of Limnology</i> , 2000, 59, 15.	1.1	63
9	Records of environmental and climatic changes during the late Holocene from Svalbard: palaeolimnology of Kongressvatnet. <i>Journal of Paleolimnology</i> , 2006, 36, 325-351.	1.6	63
10	Response of rotifer functional groups to changing trophic state and crustacean community. <i>Journal of Limnology</i> , 2011, 70, 231.	1.1	61
11	Response of the invertebrate predator <i>Bythotrephes</i> to a climate-linked increase in the duration of a refuge from fish predation. <i>Limnology and Oceanography</i> , 2009, 54, 2506-2512.	3.1	53
12	Reticulate evolution of the <i>Daphnia pulex</i> complex as revealed by nuclear markers. <i>Molecular Ecology</i> , 2011, 20, 1191-1207.	3.9	53
13	Plankton dynamics across the freshwater, transitional and marine research sites of the LTER-Italy Network. Patterns, fluctuations, drivers. <i>Science of the Total Environment</i> , 2018, 627, 373-387.	8.0	51
14	Eutrophication-like response to climate warming: an analysis of Lago Maggiore (N. Italy) zooplankton in contrasting years. <i>Journal of Limnology</i> , 2008, 67, 87.	1.1	44
15	Shifts in phenology of <i>Bythotrephes longimanus</i> and its modern success in Lake Maggiore as a result of changes in climate and trophy. <i>Journal of Plankton Research</i> , 2007, 29, 515-525.	1.8	43
16	Ecological effects of multiple stressors on a deep lake (Lago Maggiore, Italy) integrating neo and palaeolimnological approaches. <i>Journal of Limnology</i> , 2012, 71, 1.	1.1	43
17	The chemical and biological response of two remote mountain lakes in the Southern Central Alps (Italy) to twenty years of changing physical and chemical climate. <i>Journal of Limnology</i> , 2004, 63, 77.	1.1	37
18	Seasonal fluctuations of DDTs and PCBs in zooplankton and fish of Lake Maggiore (Northern Italy). <i>Chemosphere</i> , 2012, 88, 344-351.	8.2	37

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19	Mitochondrial Capture Misleads about Ecological Speciation in the <i>Daphnia pulex</i> Complex. PLoS ONE, 2013, 8, e69497.	2.5	37
20	Spatial and temporal trends of target organic and inorganic micropollutants in Lake Maggiore and Lake Lugano (Italian-Swiss water bodies): contamination in sediments and biota. Hydrobiologia, 2018, 824, 271-290.	2.0	35
21	<i>Daphnia</i> body size and population dynamics under predation by invertebrate and fish predators in Lago Maggiore: an approach based on contribution analysis. Journal of Limnology, 2008, 67, 15.	1.1	33
22	Carbon partitioning in the food web of a high mountain lake: from bacteria to zooplankton. Journal of Limnology, 1999, 58, 144.	1.1	31
23	Studies on zooplankton of Lago Paione Superiore. Journal of Limnology, 1999, 58, 131.	1.1	31
24	Climate warming restructures an aquatic food web over 28 years. Global Change Biology, 2020, 26, 6852-6866.	9.5	31
25	Notes on Cladocera and Copepoda from high altitude lakes in the Mount Everest Region (Nepal). Hydrobiologia, 1994, 287, 225-231.	2.0	30
26	First Observations on the Effect of a Complete, Exceptional Overturn of Lake Maggiore on Plankton and Primary Productivity. International Review of Hydrobiology, 2000, 85, 209-222.	0.9	30
27	Dynamics of rotifer and cladoceran resting stages during copper pollution and recovery in a subalpine lake. Annales De Limnologie, 2012, 48, 151-160.	0.6	30
28	Zooplankton of 15 lakes in the Southern Central Alps: comparison of recent and past (pre-ca 1850 AD) communities. Journal of Limnology, 2002, 61, 225.	1.1	29
29	Reconstructing long-term changes in <i>Daphnia</i> 's body size from subfossil remains in sediments of a small lake in the Himalayas. Journal of Paleolimnology, 2004, 32, 95-107.	1.6	26
30	Seasonal changes in size of the feeding basket of <i>Leptodora kindtii</i> (Focke) in Lago Maggiore as related to variations in prey size selection. Limnology and Oceanography, 1995, 40, 834-838.	3.1	25
31	Title is missing!. Journal of Paleolimnology, 2000, 23, 117-127.	1.6	24
32	Seasonal changes in the $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ signatures of the Lago Maggiore pelagic food web. Journal of Limnology, 2011, 70, 263.	1.1	24
33	First record of planktonic crustaceans in Sardinian reservoirs. Biologia (Poland), 2011, 66, 856-865.	1.5	23
34	Establishment of <i>Corbicula fluminea</i> (O.F. Müller, 1774) in Lake Maggiore: a spatial approach to trace the invasion dynamics. BioInvasions Records, 2013, 2, 105-117.	1.1	23
35	Phytoplankton functional traits and seston stable isotopes signature: a functional-based approach in a deep, subalpine lake, Lake Maggiore (N. Italy). Journal of Limnology, 2012, 71, 8.	1.1	22
36	Seasonality, littoral versus pelagic carbon sources, and stepwise $\delta^{15}\text{N}$ -enrichment of pelagic food web in a deep subalpine lake: the role of planktivorous fish. Canadian Journal of Fisheries and Aquatic Sciences, 2014, 71, 436-446.	1.4	20

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37	A paleolimnological perspective on aquatic biodiversity in Austrian mountain lakes. <i>Aquatic Sciences</i> , 2015, 77, 59-69.	1.5	19
38	Causal networks of phytoplankton diversity and biomass are modulated by environmental context. <i>Nature Communications</i> , 2022, 13, 1140.	12.8	18
39	Variations in carbon and nitrogen content with body length of <i>Daphnia hyalina-galeata</i> s.l. from laboratory and field observations. <i>Journal of Plankton Research</i> , 1994, 16, 1303-1314.	1.8	17
40	A Big Bang or small bangs? Effects of biotic environment on hatching. <i>Journal of Limnology</i> , 2008, 67, 100.	1.1	17
41	At the edge and on the top: molecular identification and ecology of <i>Daphnia dentifera</i> and <i>D. longispina</i> in high-altitude Asian lakes. <i>Hydrobiologia</i> , 2013, 715, 51-62.	2.0	17
42	Weak effects of habitat type on susceptibility to invasive freshwater species: an Italian case study. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2014, 24, 841-852.	2.0	17
43	Exotopic protrusions and ellobiopsid infection in zooplanktonic copepods of a large, deep subalpine lake, Lago Maggiore, in northern Italy. <i>Journal of Plankton Research</i> , 2004, 26, 1257-1263.	1.8	16
44	Method for hatching resting eggs from tropical zooplankton: effects of drying or exposing to low temperatures before incubation. <i>Acta Limnologica Brasiliensia</i> , 2011, 23, 42-47.	0.4	16
45	The decline of <i>Daphnia hyalina galeata</i> in Lago Maggiore: a comparison of the population dynamics before and after oligotrophication. <i>Aquatic Sciences</i> , 2000, 62, 142-153.	1.5	15
46	Paleolimnological evidence for increased sexual reproduction in chydorids (Chydoridae, Cladocera) under environmental stress. <i>Journal of Limnology</i> , 2011, 70, 255.	1.1	15
47	Trophic transfer of persistent organic pollutants through a pelagic food web: The case of Lake Como (Northern Italy). <i>Science of the Total Environment</i> , 2018, 640-641, 98-106.	8.0	15
48	Long-term adaptation of <i>Daphnia</i> to toxic environment in Lake Orta: the effects of short-term exposure to copper and acidification. <i>Journal of Limnology</i> , 2010, 69, 217.	1.1	14
49	Invasions and re-emergences: an analysis of the success of <i>Bythotrephes</i> in Lago Maggiore (Italy). <i>Journal of Limnology</i> , 2011, 70, 76.	1.1	14
50	Abundance, composition and spatial variation in the egg bank of a tropical zooplankton community. <i>Studies on Neotropical Fauna and Environment</i> , 2011, 46, 225-232.	1.0	14
51	The decline of. <i>Aquatic Sciences</i> , 2000, 62, 142.	1.5	14
52	Peculiarities in the stable isotope composition of organisms from an alpine lake. <i>Aquatic Sciences</i> , 2004, 66, 440-445.	1.5	13
53	Lifetime Response of Contemporary Versus Resurrected <i>Daphnia galeata</i> Sars (Crustacea, Cladocera) to Cu(II) Chronic Exposure. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 46-51.	2.7	13
54	Defining Seasonal Functional Traits of a Freshwater Zooplankton Community Using $\delta^{13}C$ and $\delta^{15}N$ Stable Isotope Analysis. <i>Water (Switzerland)</i> , 2018, 10, 108.	2.7	12

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55	The invasive appearance of <i>Eudiaptomus gracilis</i> (G.O. Sars 1863) in Lago Maggiore. <i>Journal of Limnology</i> , 2010, 69, 353.	1.1	10
56	Unexpected increases in rotifer resting egg abundances during the period of contamination of Lake Orta. <i>Journal of Limnology</i> , 2016, 75, .	1.1	9
57	Sedimentary Record of Cladoceran Functionality under Eutrophication and Re-Oligotrophication in Lake Maggiore, Northern Italy. <i>Water (Switzerland)</i> , 2018, 10, 86.	2.7	9
58	Long-Term Changes in the Zooplankton Community of Lake Maggiore in Response to Multiple Stressors: A Functional Principal Components Analysis. <i>Water (Switzerland)</i> , 2019, 11, 962.	2.7	9
59	Re-description of <i>Daphnia</i> (<i>Ctenodaphnia</i>) from lakes in the Khumbu Region, Nepalese Himalayas, with the erection of a new species, <i>Daphnia himalaya</i> , and a note on an intersex individual. <i>Journal of Limnology</i> , 2006, 65, 132.	1.1	9
60	Organic Contaminants in Zooplankton of Italian Subalpine Lakes: Patterns of Distribution and Seasonal Variations. <i>Water (Switzerland)</i> , 2019, 11, 1901.	2.7	7
61	Spatiotemporal dynamics of C and N isotopic signature of zooplankton: a seasonal study on a man-made lake in the Mediterranean region. <i>Annales De Limnologie</i> , 2014, 50, 279-287.	0.6	7
62	An unusual type of <i>Daphnia</i> head shields from plankton and sediments of Himalayan lakes.. <i>Journal of Limnology</i> , 1999, 58, 29.	1.1	6
63	On the presence of <i>Daphnia galeata</i> in Lake Orta (N. Italy). <i>Journal of Limnology</i> , 2006, 65, 114.	1.1	5
64	<i>Daphnia</i> and ciliates: who is the prey?. <i>Journal of Limnology</i> , 2007, 66, 170.	1.1	5
65	Inter-annual climate variability and zooplankton: applying teleconnection indices to two deep subalpine lakes in Italy. <i>Journal of Limnology</i> , 2014, 73, .	1.1	5
66	Carbon and Nitrogen Isotopic Signatures of Zooplankton Taxa in Five Small Subalpine Lakes along a Trophic Gradient. <i>Water (Switzerland)</i> , 2018, 10, 94.	2.7	5
67	Stable Isotope Analysis and Persistent Organic Pollutants in Crustacean Zooplankton: The Role of Size and Seasonality. <i>Water (Switzerland)</i> , 2019, 11, 1490.	2.7	5
68	Population dynamics and production of crustacean zooplankton in two mountain lakes in the Italian Alps (Lake Paione Superiore and Lake Malghette).. <i>Journal of Limnology</i> , 1999, 58, 25.	1.1	4
69	21 High altitude lakes: limnology and paleolimnology. <i>Developments in Earth Surface Processes</i> , 2007, 10, 155-170.	2.8	4
70	An SEM study of the nuchal organ in <i>Daphnia himalaya</i> (nov. sp.) embryos and neonates collected from the Khumbu region (Nepalese Himalayas). <i>Journal of Limnology</i> , 2007, 66, 153.	1.1	4
71	Fossil cladoceran record from Lake Piramide Inferiore (5067 m asl) in the Nepalese Himalayas: biogeographical and paleoecological implications. <i>Journal of Limnology</i> , 2014, 73, .	1.1	4
72	Study on the suspended particulate matter of a Mediterranean artificial lake (Sos Canales Lake) using Stable Isotope Analysis of carbon and nitrogen. <i>Annales De Limnologie</i> , 2016, 52, 401-412.	0.6	4

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73	The invasion of Lake Orta (Italy) by the red swamp crayfish <i>Procambarus clarkii</i> (Girard, 1852): a new threat to an unstable environment. <i>Aquatic Invasions</i> , 2011, 6, S45-S48.	1.6	2
74	Analysis of $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ isotopic signatures to shed light on the hydrological cycle's influence on the trophic behavior of fish in a Mediterranean reservoir. <i>Biologia (Poland)</i> , 2016, 71, 1395-1403.	1.5	1
75	Evaluation of the Egg Bank of Two Small Himalayan Lakes. <i>Water (Switzerland)</i> , 2020, 12, 491.	2.7	1
76	Zooplankton as Mercury Repository in Lake Maggiore (Northern Italy): Biomass Composition and Stable Isotope Analysis. <i>Water (Switzerland)</i> , 2022, 14, 680.	2.7	1
77	Length-specific carbon content of the <i>Daphnia</i> population in a large subalpine lake, Lago Maggiore (Northern Italy): The importance of seasonality. <i>Aquatic Sciences</i> , 1997, 59, 48-56.	1.5	1
78	Unusual median pores of Alona head shields recovered from recent and pre-industrial sediments of Alpine lakes. <i>Journal of Limnology</i> , 2008, 67, 44.	1.1	0