

Lluís Camarero

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

3,723
citations

101543

36
h-index

138484

58
g-index

84
all docs

84
docs citations

84
times ranked

4154
citing authors

#	ARTICLE	IF	CITATIONS
1	Episodic nutrient enrichments stabilise protist coexistence in planktonic oligotrophic conditions. <i>Journal of Ecology</i> , 2021, 109, 1717-1729.	4.0	4
2	Deployment of ENEX Enclosures in High Mountain Lake Redon (Spain). <i>Bulletin of the Ecological Society of America</i> , 2021, 102, e01799.	0.2	0
3	Applicability of mixing modelling to determine the contributions to surface flow in high mountain catchments. <i>Hydrological Sciences Journal</i> , 2021, 66, 2382-2394.	2.6	3
4	Regional community assembly drivers and microbial environmental sources shaping bacterioplankton in an alpine lacustrine district (Pyrenees, Spain). <i>Environmental Microbiology</i> , 2020, 22, 297-309.	3.8	22
5	Stream chemistry response to changing nitrogen and sulfur deposition in two mountain areas in the Iberian Peninsula. <i>Science of the Total Environment</i> , 2020, 711, 134697.	8.0	4
6	Homeostasis and non-linear shift in the stoichiometry of P-limited planktonic communities. <i>Ecosphere</i> , 2020, 11, e03249.	2.2	4
7	Denitrification rates in lake sediments of mountains affected by high atmospheric nitrogen deposition. <i>Scientific Reports</i> , 2020, 10, 3003.	3.3	16
8	The DNRA-Denitrification Dichotomy Differentiates Nitrogen Transformation Pathways in Mountain Lake Benthic Habitats. <i>Frontiers in Microbiology</i> , 2019, 10, 1229.	3.5	44
9	Atmospheric Carbon Dioxide variability at Aigüestortes, Central Pyrenees, Spain. <i>Regional Environmental Change</i> , 2019, 19, 313-324.	2.9	8
10	Metal contaminations impact archaeal community composition, abundance and function in remote alpine lakes. <i>Environmental Microbiology</i> , 2018, 20, 2422-2437.	3.8	5
11	Denitrification Temperature Dependence in Remote, Cold, and N-Poor Lake Sediments. <i>Water Resources Research</i> , 2018, 54, 1161-1173.	4.2	32
12	High planktonic diversity in mountain lakes contains similar contributions of autotrophic, heterotrophic and parasitic eukaryotic life forms. <i>Scientific Reports</i> , 2018, 8, 4457.	3.3	51
13	Drivers of atmospheric deposition of polycyclic aromatic hydrocarbons at European high-altitude sites. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16081-16097.	4.9	18
14	A long-term survey unveils strong seasonal patterns in the airborne microbiome coupled to general and regional atmospheric circulations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12229-12234.	7.1	161
15	Estimating Sediment Denitrification Rates Using Cores and N ₂ O Microsensors. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	1
16	Decadal trends in atmospheric deposition in a high elevation station: Effects of climate and pollution on the long-range flux of metals and trace elements over SW Europe. <i>Atmospheric Environment</i> , 2017, 167, 542-552.	4.1	22
17	Atmospheric Chemical Loadings in the High Mountain: Current Forcing and Legacy Pollution. <i>Advances in Global Change Research</i> , 2017, , 325-341.	1.6	18
18	Increasing and decreasing trends of the atmospheric deposition of organochlorine compounds in European remote areas during the last decade. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 6069-6085.	4.9	16

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19	Microbial food web components, bulk metabolism, and single-cell physiology of piconeuston in surface microlayers of high-altitude lakes. <i>Frontiers in Microbiology</i> , 2015, 6, 361.	3.5	29
20	Brown and brook trout populations in the Tatra Mountain lakes (Slovakia, Poland) and contamination by long-range transported pollutants. <i>Biologia (Poland)</i> , 2015, 70, 516-529.	1.5	5
21	The effects of the NAO on the ice phenology of Spanish alpine lakes. <i>Climatic Change</i> , 2015, 130, 101-113.	3.6	32
22	Air temperature-driven CO ₂ consumption by rock weathering at short timescales: Evidence from a Holocene lake sediment record. <i>Geochimica Et Cosmochimica Acta</i> , 2014, 136, 67-79.	3.9	19
23	Atmospheric deposition of polybromodiphenyl ethers in remote mountain regions of Europe. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4441-4457.	4.9	21
24	Global change revealed by palaeolimnological records from remote lakes: a review. <i>Journal of Paleolimnology</i> , 2013, 49, 513-535.	1.6	173
25	Mountain Waters as Witnesses of Global Pollution. , 2013, , 31-67.		6
26	Atmospheric phosphorus deposition may cause lakes to revert from phosphorus limitation back to nitrogen limitation. <i>Nature Communications</i> , 2012, 3, 1118.	12.8	119
27	Vertical segregation and phylogenetic characterization of ammonia-oxidizing Archaea in a deep oligotrophic lake. <i>ISME Journal</i> , 2012, 6, 1786-1797.	9.8	105
28	Whole-catchment inventories of trace metals in soils and sediments in mountain lake catchments in the Central Pyrenees: Apportioning the anthropogenic and natural contributions. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 82, 52-67.	3.9	44
29	Polycyclic Aromatic Hydrocarbons in Soils from European High Mountain Areas. <i>Water, Air, and Soil Pollution</i> , 2011, 215, 655-666.	2.4	30
30	Seasonal Changes of Freshwater Ammonia-Oxidizing Archaeal Assemblages and Nitrogen Species in Oligotrophic Alpine Lakes. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1937-1945.	3.1	98
31	Dust inputs and bacteria influence dissolved organic matter in clear alpine lakes. <i>Nature Communications</i> , 2011, 2, 405.	12.8	154
32	Phosphate Sorption Characteristics of European Alpine Soils. <i>Soil Science Society of America Journal</i> , 2011, 75, 862-870.	2.2	19
33	Major and trace elements in soils in the Central Pyrenees: high altitude soils as a cumulative record of background atmospheric contamination over SW Europe. <i>Environmental Science and Pollution Research</i> , 2010, 17, 1606-1621.	5.3	23
34	Modelling Pb, Zn and As transfer from terrestrial to aquatic ecosystems during the ice-free season in three Pyrenean catchments. <i>Science of the Total Environment</i> , 2010, 408, 5854-5861.	8.0	11
35	Atmospherically deposited major and trace elements in the winter snowpack along a gradient of altitude in the Central Pyrenees: The seasonal record of long-range fluxes over SW Europe. <i>Atmospheric Environment</i> , 2010, 44, 582-595.	4.1	54
36	Isotopic composition of dissolved inorganic nitrogen in high mountain lakes: variation with altitude in the Pyrenees. <i>Biogeosciences</i> , 2010, 7, 1469-1479.	3.3	17

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37	Palaeoenvironmental and palaeoseismic implications of a 3700-year sedimentary record from proglacial Lake Barrancs (Maladeta Massif, Central Pyrenees, Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 294, 83-93.	2.3	13
38	Climate and CO ₂ saturation in an alpine lake throughout the Holocene. <i>Limnology and Oceanography</i> , 2009, 54, 2542-2552.	3.1	26
39	A method for upscaling soil parameters for use in a dynamic modelling assessment of water quality in the Pyrenees. <i>Science of the Total Environment</i> , 2009, 407, 1701-1714.	8.0	8
40	On the climate and weather of mountain and subarctic lakes in Europe and their susceptibility to future climate change. <i>Freshwater Biology</i> , 2009, 54, 2433-2451.	2.4	42
41	Regionalisation of chemical variability in European mountain lakes. <i>Freshwater Biology</i> , 2009, 54, 2452-2469.	2.4	91
42	Trace elements in alpine and arctic lake sediments as a record of diffuse atmospheric contamination across Europe. <i>Freshwater Biology</i> , 2009, 54, 2518-2532.	2.4	78
43	Viability and potential for immigration of airborne bacteria from Africa that reach high mountain lakes in Europe. <i>Environmental Microbiology</i> , 2009, 11, 1612-1623.	3.8	141
44	Fluxes of Al, Fe, Ti, Mn, Pb, Cd, Zn, Ni, Cu, and As in monthly bulk deposition over the Pyrenees (SW) and implications for high mountain lakes. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	47
45	Factors regulating carbon mineralization in the surface and subsurface soils of Pyrenean mountain grasslands. <i>Soil Biology and Biochemistry</i> , 2008, 40, 2803-2810.	8.8	52
46	Altitudinal Gradients of PBDEs and PCBs in Fish from European High Mountain Lakes. <i>Environmental Science & Technology</i> , 2007, 41, 2196-2202.	10.0	65
47	Soil organic carbon storage in mountain grasslands of the Pyrenees: effects of climate and topography. <i>Biogeochemistry</i> , 2007, 82, 279-289.	3.5	119
48	Modelling the dynamic air-water-sediment coupled fluxes and occurrence of polychlorinated biphenyls in a high altitude lake. <i>Environmental Pollution</i> , 2006, 140, 546-560.	7.5	45
49	Modelling the effect of climate change on recovery of acidified freshwaters: Relative sensitivity of individual processes in the MAGIC model. <i>Science of the Total Environment</i> , 2006, 365, 154-166.	8.0	62
50	Passive sampling of atmospheric organochlorine compounds by SPMDs in a remote high mountain area. <i>Atmospheric Environment</i> , 2005, 39, 5195-5204.	4.1	22
51	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	1.5	47
52	Recovery of Acidified European Surface Waters. <i>Environmental Science & Technology</i> , 2005, 39, 64A-72A.	10.0	117
53	Acidification in European mountain lake districts: A regional assessment of critical load exceedance. <i>Aquatic Sciences</i> , 2005, 67, 237-251.	1.5	5
54	Application of MAGIC to Lake Redó (Central Pyrenees): an assessment of the effects of possible climate driven changes in atmospheric precipitation, base cation deposition, and weathering rates on lake water chemistry. <i>Journal of Limnology</i> , 2004, 63, 123.	1.1	15

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55	Atmospheric Semivolatile Organochlorine Compounds in European High-Mountain Areas (Central) Tj ETQq1 1 0.784314 rgBT/Overlook	10.0	85
56	Title is missing!. Journal of Paleolimnology, 2003, 30, 21-34.	1.6	31
57	Factors Governing the Atmospheric Deposition of Polycyclic Aromatic Hydrocarbons to Remote Areas. Environmental Science & Technology, 2003, 37, 3261-3267.	10.0	90
58	Spreading of trace metals and metalloids pollution in lake sediments over the PyrÃ©nÃ©es. European Physical Journal Special Topics, 2003, 107, 249-253.	0.2	13
59	A modelling assessment of acidification and recovery of European surface waters. Hydrology and Earth System Sciences, 2003, 7, 447-455.	4.9	28
60	Atmospheric Deposition of Organochlorine Compounds to Remote High Mountain Lakes of Europe. Environmental Science & Technology, 2002, 36, 2581-2588.	10.0	137
61	Title is missing!. Water, Air and Soil Pollution, 2002, 2, 19-31.	0.8	11
62	Trends in the Water Chemistry of High Altitude Lakes in Europe. Water, Air and Soil Pollution, 2002, 2, 75-89.	0.8	36
63	Application of Static Critical Load Models for Acidity to High Mountain Lakes in Europe. Water, Air and Soil Pollution, 2002, 2, 115-126.	0.8	19
64	Title is missing!. Water, Air and Soil Pollution, 2002, 2, 251-260.	0.8	14
65	Title is missing!. Journal of Paleolimnology, 2002, 28, 25-46.	1.6	135
66	Lake RedÃ³ ecosystem response to an increasing warming the Pyrenees during the twentieth century. Journal of Paleolimnology, 2002, 28, 129-145.	1.6	98
67	The main features of seasonal variability in the external forcing and dynamics of a deep mountain lake (RedÃ³, Pyrenees). Journal of Limnology, 2000, 59, 97.	1.1	49
68	The relative importance of the planktonic food web in the carbon cycle of an oligotrophic mountain lake in a poorly vegetated catchment (RedÃ³, Pyrenees). Journal of Limnology, 1999, 58, 203.	1.1	23
69	Temporal changes of microbial assemblages in the ice and snow cover of a high mountain lake. Limnology and Oceanography, 1999, 44, 973-987.	3.1	47
70	An in situ enclosure experiment to test the solar UVB impact on plankton in a high-altitude mountain lake. II. Effects on the microbial food web. Journal of Plankton Research, 1999, 21, 859-876.	1.8	43
71	Title is missing!. Water, Air, and Soil Pollution, 1998, 105, 439-449.	2.4	52
72	A SIMPLE MODEL OF REGIONAL ACIDIFICATION FOR HIGH MOUNTAIN LAKES: APPLICATION TO THE PYRENEAN LAKES (NORTH-EAST SPAIN). Water Research, 1998, 32, 1126-1136.	11.3	23

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73	An in situ enclosure experiment to test the solar UVB impact on plankton in a high-altitude mountain lake. I. Lack of effect on phytoplankton species composition and growth. <i>Journal of Plankton Research</i> , 1997, 19, 1671-1686.	1.8	82
74	Variability in the chemistry of precipitation in the Pyrenees (northeastern Spain): Dominance of storm origin and lack of altitude influence. <i>Journal of Geophysical Research</i> , 1996, 101, 29491-29498.	3.3	37
75	Remote mountain lakes as indicators of diffuse acidic and organic pollution in the Iberian peninsula (AL:PE 2 studies). <i>Water, Air, and Soil Pollution</i> , 1995, 85, 487-492.	2.4	29
76	Nitrogen in the Pyrenean lakes (Spain). <i>Hydrobiologia</i> , 1994, 274, 17-27.	2.0	17
77	Macrophytes from lakes in the eastern Pyrenees: community composition and ordination in relation to environmental factors. <i>Freshwater Biology</i> , 1994, 32, 73-81.	2.4	58
78	Assay of soluble reactive phosphorus at nanomolar levels in nonsaline waters. <i>Limnology and Oceanography</i> , 1994, 39, 707-711.	3.1	17
79	Chemistry of bulk precipitation in the central and eastern Pyrenees, northeast Spain. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 83-94.	1.3	81
80	Chemical composition of disturbed and undisturbed high-mountain lakes in the Pyrenees: A reference for acidified sites. <i>Water Research</i> , 1993, 27, 133-141.	11.3	74
81	Seasonal changes in alkalinity and pH in two Pyrenean lakes of very different water residence time. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1993, 25, 749-753.	0.1	2
82	Horizontal heterogeneity of phytoplankton in a small high mountain lake. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 1991, 24, 1005-1010.	0.1	2