Mireia Bartrons

List of Publications by Year
in descending order

48 papers	1,429 citations	331259 21 h-index	344852 36 g-index
50 all docs	50 docs citations	50 times ranked	3398 citing authors

#	Article	IF	Citations
1	Traitâ€mediated responses to aridity and experimental drought by springtail communities across Europe. Functional Ecology, 2023, 37, 44-56.	1.7	3
2	Seabird-mediated transport of organohalogen compounds to remote sites (North West Greenland) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.9	4
3	Individual body mass and length dataset for over 12,000 fish from Iberian streams. Data in Brief, 2022, 42, 108248.	0.5	2
4	Towards women-inclusive ecology: Representation, behavior, and perception of women at an international conference. PLoS ONE, 2021, 16, e0260163.	1.1	10
5	A systemic overreaction to years versus decades of warming in a subarctic grassland ecosystem. Nature Ecology and Evolution, 2020, 4, 101-108.	3.4	33
6	Factors Influencing Abundances and Population Size Structure of the Threatened and Endemic Cyprinodont Aphanius iberus in Mediterranean Brackish Ponds. Water (Switzerland), 2020, 12, 3264.	1.2	4
7	Modeling a cross-ecosystem subsidy: forest songbird response to emergent aquatic insects. Landscape Ecology, 2020, 35, 1587-1604.	1.9	7
8	Energyâ€based topâ€down and bottomâ€up relationships between fish community energy demand or production and phytoplankton across lakes at a continental scale. Limnology and Oceanography, 2020, 65, 892-902.	1.6	13
9	Editorial: Cancer Ecosystems. Frontiers in Oncology, 2019, 9, 718.	1.3	10
10	Fast attrition of springtail communities by experimental drought and richnessâ€“decomposition relationships across Europe. Global Change Biology, 2019, 25, 2727-2738.	4.2	23
11	Short-term fish predation destroys resilience of zooplankton communities and prevents recovery of phytoplankton control by zooplankton grazing. PLoS ONE, 2019, 14, e0212351.	1.1	32
12	Fish shift the feeding behaviour and trophic niche diversification of their prey in subarctic Lake MÃ½vatn, Iceland. Hydrobiologia, 2018, 816, 243-254.	1.0	3
13	Assessment of the impacts of climate change on Mediterranean terrestrial ecosystems based on data from field experiments and long-term monitored field gradients in Catalonia. Environmental and Experimental Botany, 2018, 152, 49-59.	2.0	96
14	INDUSTRIAL AND AGRICULTURAL WASTES DECREASED GREENHOUSE-GAS EMISSIONS AND INCREASED RICE GRAIN YIELD IN A SUBTROPICAL PADDY FIELD. Experimental Agriculture, 2018, 54, 623-640.	0.4	15
15	STEEL SLAG AMENDMENT INCREASES NUTRIENT AVAILABILITY AND RICE YIELD IN A SUBTROPICAL PADDY FIELD IN CHINA. Experimental Agriculture, 2018, 54, 842-856.	0.4	8
16	Shifts in plant and soil C, N and P accumulation and C:N:P stoichiometry associated with flooding intensity in subtropical estuarine wetlands in China. Estuarine, Coastal and Shelf Science, 2018, 215, 172-184.	0.9	20
17	Trophic transfer from aquatic to terrestrial ecosystems: a test of the biogeochemical niche hypothesis. Ecosphere, 2018, 9, e02338.	1.0	17
18	Species-Specific Impacts of Invasive Plant Success on Vertical Profiles of Soil Carbon Accumulation and Nutrient Retention in the Minjiang River Tidal Estuarine Wetlands of China. Soil Systems, 2018, 2, 5.	1.0	10

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19	Plant invasion is associated with higher plantâ€“soil nutrient concentrations in nutrientâ€poor environments. Global Change Biology, 2017, 23, 1282-1291.	4.2	147
20	Pharmaceuticals and Personal-Care Products in Plants. Trends in Plant Science, 2017, 22, 194-203.	4.3	162
21	Midgeâ€stabilized sediment drives the composition of benthic cladoceran communities in Lake MÃ½vatn, Iceland. Ecosphere, 2017, 8, e01659.	1.0	5
22	Atmospheric deposition, CO2, and change in the land carbon sink. Scientific Reports, 2017, 7, 9632.	1.6	62
23	Impact of Soil Warming on the Plant Metabolome of Icelandic Grasslands. Metabolites, 2017, 7, 44.	1.3	12
24	Straw Application Strategy to Optimize Nutrient Release in a Southeastern China Rice Cropland. Agronomy, 2017, 7, 84.	1.3	14
25	Impacts of Global Change on Mediterranean Forests and Their Services. Forests, 2017, 8, 463.	0.9	98
26	Organic Cultivation of Jasmine and Tea Increases Carbon Sequestration by Changing Plant and Soil Stoichiometry. Agronomy Journal, 2016, 108, 1636-1648.	0.9	20
27	Spatial And Temporal Trends Of Organic Pollutants In Vegetation From Remote And Rural Areas. Scientific Reports, 2016, 6, 25446.	1.6	31
28	Typhoon enhancement of N and P release from litter and changes in the litter N:P ratio in a subtropical tidal wetland. Environmental Research Letters, 2016, 11, 014003.	2.2	17
29	Spatial patterns reveal strong abiotic and biotic drivers of zooplankton community composition in Lake MÃ½vatn, Iceland. Ecosphere, 2015, 6, 1-20.	1.0	21
30	Brown and brook trout populations in the Tatra Mountain lakes (Slovakia, Poland) and contamination by long-range transported pollutants. Biologia (Poland), 2015, 70, 516-529.	0.8	5
31	Taking the trophic bypass: aquaticâ€terrestrial linkage reduces methylmercury in a terrestrial food web. Ecological Applications, 2015, 25, 151-159.	1.8	29
32	Rice straw incorporation affects global warming potential differently in early vs. late cropping seasons in Southeastern China. Field Crops Research, 2015, 181, 42-51.	2.3	43
33	Sensing the energetic status of plants and ecosystems. Trends in Plant Science, 2015, 20, 528-530.	4.3	5
34	Global biodiversity, stoichiometry and ecosystem function responses to human-induced Câ€“Nâ€“P imbalances. Journal of Plant Physiology, 2015, 172, 82-91.	1.6	57
35	Missing effects of anthropogenic nutrient deposition on sentinel alpine ecosystems. Global Change Biology, 2014, 20, 2173-2182.	4.2	17
36	Nitrogen-Cycling Genes in Epilithic Biofilms of Oligotrophic High-Altitude Lakes (Central Pyrenees,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.4	35

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37	Mountain Waters as Witnesses of Global Pollution. , 2013, , 31-67.		6
38	Regional-Level Inputs of Emergent Aquatic Insects from Water to Land. Ecosystems, 2013, 16, 1353-1363.	1.6	43
39	High Bacterial Diversity in Epilithic Biofilms of Oligotrophic Mountain Lakes. Microbial Ecology, 2012, 64, 860-869.	1.4	41
40	Ecosystem linkages revealed by experimental lake-derived isotope signal in heathland food webs. Oecologia, 2012, 170, 735-743.	0.9	28
41	Pollutant Dehalogenation Capability May Depend on the Trophic Evolutionary History of the Organism: PBDEs in Freshwater Food Webs. PLoS ONE, 2012, 7, e41829.	1.1	26
42	Altitudinal distributions of BDE-209 and other polybromodiphenyl ethers in high mountain lakes. Environmental Pollution, 2011, 159, 1816-1822.	3.7	28
43	Altitudinal and thermal gradients of hepatic Cyp1A gene expression in natural populations of Salmo trutta from high mountain lakes and their correlation with organohalogen loads. Environmental Pollution, 2010, 158, 1392-1398.	3.7	14
44	Isotopic composition of dissolved inorganic nitrogen in high mountain lakes: variation with altitude in the Pyrenees. Biogeosciences, 2010, 7, 1469-1479.	1.3	17
45	Altitudinal Gradients of PBDEs and PCBs in Fish from European High Mountain Lakes. Environmental Science & Technology, 2007, 41, 2196-2202.	4.6	65
46	Concentration Changes of Organochlorine Compounds and Polybromodiphenyl Ethers during Metamorphosis of Aquatic Insects. Environmental Science & Technology, 2007, 41, 6137-6141.	4.6	31
47	Activation of AMP-dependent protein kinase by hypoxia and hypothermia in the liver of frog Rana perezi. Cryobiology, 2004, 49, 190-194.	0.3	23
48	Colonization and Succession of Fish Assemblages in a New River Section: A Size Structure Approach. , 0, , .		0