Isabel MuÃ±oz

List of Publications by Year
in descending order

117	5,105	76326	102487
papers	citations	40	66
		h-index	g-index

118	118	118	5395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fungal Biodiversity Mediates the Effects of Drying on Freshwater Ecosystem Functioning. Ecosystems, 2022, 25, 780-794.	3.4	8
2	Contrary effects of flow intermittence and land uses on organic matter decomposition in a Mediterranean river basin. Science of the Total Environment, 2022, 812, 151424.	8.0	5
3	Energy limitation or sensitive predators? Trophic and nonâ€trophic impacts of wastewater pollution on stream food webs. Ecology, 2022, 103, e03587.	3.2	8
4	The Iberian rivers. , 2022, , 181-224.		15
5	Comparison of Pregnancy Preferences Preceding vs Year 1 of the COVID-19 Pandemic. JAMA Network Open, 2022, 5, e2220093.	5.9	9
6	Historical legacies and contemporary processes shape beta diversity in Neotropical montane streams. Journal of Biogeography, 2021, 48, 101-117.	3.0	10
7	Diversity mediates the responses of invertebrate density to duration and frequency of rivers' annual drying regime. Oikos, 2021, 130, 2148-2160.	2.7	15
8	Historical processes constrain metacommunity structure by shaping different pools of invertebrate taxa within the Orinoco basin. Diversity and Distributions, 2020, 26, 49-61.	4.1	19
9	Subsurface zones in intermittent streams are hotspots of microbial decomposition during the non-flow period. Science of the Total Environment, 2020, 703, 135485.	8.0	16
10	Unravelling the effects of multiple stressors on diatom and macroinvertebrate communities in European river basins using structural and functional approaches. Science of the Total Environment, 2020, 742, 140543.	8.0	27
11	Effects of olive mill wastewater discharge on benthic biota in Mediterranean streams. Environmental Pollution, 2019, 254, 113057.	7.5	15
12	Responses of a native and a recent invader snail to warming and dry conditions: the case of the lower Ebro River. Aquatic Ecology, 2019, 53, 497-508.	1.5	1
13	Uptake and trophic transfer of nitrogen and carbon in a temperate forested headwater stream. Aquatic Sciences, 2019, 81, 1.	1.5	5
14	Assessing the effects of hydrological and chemical stressors on macroinvertebrate community in an Alpine river: The Adige River as a case study. River Research and Applications, 2019, 35, 78-87.	1.7	9
15	Invertebrate community responses to urban wastewater effluent pollution under different hydro-morphological conditions. Environmental Pollution, 2019, 252, 483-492.	7.5	30
16	Small-scale spatial variations of trawling impact on food web structure. Ecological Indicators, 2019, 98, 442-452.	6.3	25
17	Dam regulation and riverine food-web structure in a Mediterranean river. Science of the Total Environment, 2018, 625, 301-310.	8.0	50
18	Does the severity of nonâ€flow periods influence ecosystem structure and function of temporary streams? A mesocosm study. Freshwater Biology, 2018, 63, 613-625.	2.4	11

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19	Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. Science of the Total Environment, 2018, 618, 1591-1604.	8.0	53
20	Quality and quantity of leaf litter: Both are important for feeding preferences and growth of an aquatic shredder. PLoS ONE, 2018, 13, e0208272.	2.5	18
21	Associations between school lunch consumption and urinary phthalate metabolite concentrations in US children and adolescents: Results from NHANES 2003â€“2014. Environment International, 2018, 121, 287-295.	10.0	17
22	Effects of urban wastewater on hyporheic habitat and invertebrates in Mediterranean streams. Science of the Total Environment, 2018, 642, 937-945.	8.0	19
23	Effects of human-driven water stress on river ecosystems: a meta-analysis. Scientific Reports, 2018, 8, 11462.	3.3	104
24	Trophic network of aquatic macroinvertebrates along an altitudinal gradient in a Neotropical mountain river. Revista Brasileira De Entomologia, 2018, 62, 180-187.	0.4	10
25	Effects of flow regulation on river bed dynamics and invertebrate communities in a Mediterranean river. Hydrobiologia, 2017, 784, 283-304.	2.0	21
26	Biochemical quality of basal resources in a forested stream: effects of nutrient enrichment. Aquatic Sciences, 2017, 79, 99-112.	1.5	3
27	Trophic mechanisms underlying benthoâ€demersal community recovery in the northâ€east Atlantic. Journal of Applied Ecology, 2017, 54, 1957-1967.	4.0	7
28	River ecosystem processes: A synthesis of approaches, criteria of use and sensitivity to environmental stressors. Science of the Total Environment, 2017, 596-597, 465-480.	8.0	102
29	Environmental stressors as a driver of the trait composition of benthic macroinvertebrate assemblages in polluted Iberian rivers. Environmental Research, 2017, 156, 485-493.	7.5	61
30	Evidence of low dose effects of the antidepressant fluoxetine and the fungicide prochloraz on the behavior of the keystone freshwater invertebrate Gammarus pulex. Environmental Pollution, 2017, 231, 406-414.	7.5	46
31	Bottom-up effects of streambed drying on consumer performance through changes in resource quality. Aquatic Sciences, 2017, 79, 719-731.	1.5	4
32	Drought effects on resource quality in a Mediterranean stream: fatty acids and sterols as indicators. , 2017, , 29-43.		1
33	Flow regulation increases foodâ€chain length through omnivory mechanisms in a Mediterranean river network. Freshwater Biology, 2016, 61, 1536-1549.	2.4	28
34	Life-history strategies constrain invertebrate community tolerance to multiple stressors: A case study in the Ebro basin. Science of the Total Environment, 2016, 572, 196-206.	8.0	42
35	Influence of grazing on triclosan toxicity to stream periphyton. Freshwater Biology, 2016, 61, 2002-2012.	2.4	25
36	Shared effects of organic microcontaminants and environmental stressors on biofilms and invertebrates in impaired rivers. Environmental Pollution, 2016, 210, 303-314.	7.5	63

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37	El NiÃ±o southern oscillation and seasonal drought drive riparian input dynamics in a Mediterranean stream. Limnology and Oceanography, 2016, 61, 214-226.	3.1	12
38	When Water Vanishes: Magnitude and Regulation of Carbon Dioxide Emissions from Dry Temporary Streams. Ecosystems, 2016, 19, 710-723.	3.4	70
39	Heterogeneity in leaf litter decomposition in a temporary Mediterranean stream during flow fragmentation. Science of the Total Environment, 2016, 553, 330-339.	8.0	52
40	Sediment size distribution and composition in a reservoir affected by severe water level fluctuations. Science of the Total Environment, 2016, 540, 158-167.	8.0	37
41	Ecotoxicity of sediments in rivers: Invertebrate community, toxicity bioassays and the toxic unit approach as complementary assessment tools. Science of the Total Environment, 2016, 540, 297-306.	8.0	102
42	Ecotoxicological risk assessment of chemical pollution in four Iberian river basins and its relationship with the aquatic macroinvertebrate community status. Science of the Total Environment, 2016, 540, 324-333.	8.0	71
43	Consequences of Warming and Resource Quality on the Stoichiometry and Nutrient Cycling of a Stream Shredder. PLoS ONE, 2015, 10, e0118520.	2.5	27
44	Effects of Emerging Contaminants on Biodiversity, Community Structure, and Adaptation of River Biota. Handbook of Environmental Chemistry, 2015, , 79-119.	0.4	4
45	Effects of water flow regulation on ecosystem functioning in a Mediterranean river network assessed by wood decomposition. Science of the Total Environment, 2015, 517, 57-65.	8.0	25
46	Hot spots for carbon emissions from Mediterranean fluvial networks during summer drought. Biogeochemistry, 2015, 125, 409-426.	3.5	58
47	Effects of increased water temperature on leaf litter quality and detritivore performance: a wholeâ€reach manipulative experiment. Freshwater Biology, 2015, 60, 184-197.	2.4	23
48	Transcriptomic, biochemical and individual markers in transplanted Daphnia magna to characterize impacts in the field. Science of the Total Environment, 2015, 503-504, 200-212.	8.0	15
49	Invertebrate community responses to emerging water pollutants in Iberian river basins. Science of the Total Environment, 2015, 503-504, 142-150.	8.0	34
50	Managing the effects of multiple stressors on aquatic ecosystems under water scarcity. The GLOBAQUA project. Science of the Total Environment, 2015, 503-504, 3-9.	8.0	161
51	Stoichiometric homeostasis in the food web of a chronically nutrient-rich stream. Freshwater Science, 2014, 33, 820-831.	1.8	20
52	Assessment of multi-chemical pollution in aquatic ecosystems using toxic units: Compound prioritization, mixture characterization and relationships with biological descriptors. Science of the Total Environment, 2014, 468-469, 715-723.	8.0	92
53	Effects of a fungicide (imazalil) and an insecticide (diazinon) on stream fungi and invertebrates associated with litter breakdown. Science of the Total Environment, 2014, 476-477, 532-541.	8.0	48
54	Is reproduction of the snail Physella acuta affected by endocrine disrupting compounds? An in situ bioassay in three Iberian basins. Journal of Hazardous Materials, 2013, 263, 248-255.	12.4	20

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55	Pollution in mediterranean-climate rivers. Hydrobiologia, 2013, 719, 427-450.	2.0	28
56	Bottom-up effects on freshwater bacterivorous nematode populations: a microcosm approach. Hydrobiologia, 2013, 707, 159-172.	2.0	17
57	Macroinvertebrate trophic responses to nutrient addition in a temperate stream in South America. Fundamental and Applied Limnology, 2013, 182, 17-30.	0.7	21
58	Global pressures, specific responses: effects of nutrient enrichment in streams from different biomes. Environmental Research Letters, 2013, 8, 014002.	5.2	24
59	How to Link Field Observations with Causality? Field and Experimental Approaches Linking Chemical Pollution with Ecological Alterations. Handbook of Environmental Chemistry, 2012, , 181-218.	0.4	9
60	The Effect of Multiple Stressors on Biological Communities in the Llobregat. Handbook of Environmental Chemistry, 2012, , 93-116.	0.4	2
61	Analysis of monitoring programmes and their suitability for ecotoxicological risk assessment in four Spanish basins. Science of the Total Environment, 2012, 440, 194-203.	8.0	35
62	Effects of indomethacin and propranolol on Chironomus riparius and Physella (Costatella) acuta. Ecotoxicology and Environmental Safety, 2012, 78, 110-115.	6.0	19
63	Assessing the impact of chemical pollution on benthic invertebrates from three different European rivers using a weight-of-evidence approach. Science of the Total Environment, 2012, 438, 498-509.	8.0	43
64	Establishing potential links between the presence of alkylphenolic compounds and the benthic community in a European river basin. Environmental Science and Pollution Research, 2012, 19, 934-945.	5.3	8
65	Assessing and forecasting the impacts of global change on Mediterranean rivers. The SCARCE Consolider project on Iberian basins. Environmental Science and Pollution Research, 2012, 19, 918-933.	5.3	46
66	Meiofaunal responses to nutrient additions in a Mediterranean stream. Freshwater Biology, 2012, 57, 956-968.	2.4	5
67	Evaluating Ecological Integrity in Multistressed Rivers: From the Currently Used Biotic Indices to Newly Developed Approaches Using Biofilms and Invertebrates. Handbook of Environmental Chemistry, 2012, , 219-241.	0.4	2
68	Long-term moderate nutrient inputs enhance autotrophy in a forested Mediterranean stream. Freshwater Biology, 2011, 56, 1266-1280.	2.4	43
69	Combined scenarios of chemical and ecological quality under water scarcity in Mediterranean rivers. TrAC - Trends in Analytical Chemistry, 2011, 30, 1269-1278.	11.4	91
70	Organic matter characteristics in a Mediterranean stream through amino acid composition: changes driven by intermittency. Aquatic Sciences, 2011, 73, 523-535.	1.5	34
71	Fungal and Bacterial Colonization of Submerged Leaf Litter in a Mediterranean Stream. International Review of Hydrobiology, 2011, 96, 221-234.	0.9	27
72	Species traits and resilience of meiofauna to floods and drought in a Mediterranean stream. Marine and Freshwater Research, 2010, 61, 1336.	1.3	18

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73	Does Grazing Pressure Modify Diuron Toxicity in a Biofilm Community?. Archives of Environmental Contamination and Toxicology, 2010, 58, 955-962.	4.1	37
74	Organic matter availability during pre- and post-drought periods in a Mediterranean stream. Hydrobiologia, 2010, 657, 217-232.	2.0	72
75	Comparing fish assemblages and trophic ecology of permanent and intermittent reaches in a Mediterranean stream. Hydrobiologia, 2010, 657, 167-180.	2.0	56
76	Primary and complex stressors in polluted mediterranean rivers: Pesticide effects on biological communities. Journal of Hydrology, 2010, 383, 52-61.	5.4	138
77	The Physical Framework and Historic Human Influences in the Ebro River. Handbook of Environmental Chemistry, 2010, , 1-20.	0.4	8
78	Aquatic and Riparian Biodiversity in the Ebro Watershed: Prospects and Threats. Handbook of Environmental Chemistry, 2010, , 121-138.	0.4	2
79	Environmental risk assessment of pharmaceuticals in rivers: Relationships between hazard indexes and aquatic macroinvertebrate diversity indexes in the Llobregat River (NE Spain). Environment International, 2010, 36, 153-162.	10.0	350
80	Organic matter availability during pre- and post-drought periods in a Mediterranean stream. , 2010, , 217-232.		1
81	Comparing fish assemblages and trophic ecology of permanent and intermittent reaches in a Mediterranean stream. , 2010, , 167-180.		2
82	Invertebrate communities in soft sediments along a pollution gradient in a Mediterranean river (Llobregat, NE Spain). , 2010, 29, 311-322.		21
83	The Iberian Rivers. , 2009, , 113-149.		48
84	Organic matter availability structures microbial biomass and activity in a Mediterranean stream. Freshwater Biology, 2009, 54, 2025-2036.	2.4	59
85	Is chemical contamination linked to the diversity of biological communities in rivers?. TrAC - Trends in Analytical Chemistry, 2009, 28, 592-602.	11.4	38
86	The relevance of the community approach linking chemical and biological analyses in pollution assessment. TrAC - Trends in Analytical Chemistry, 2009, 28, 619-626.	11.4	40
87	Bridging levels of pharmaceuticals in river water with biological community structure in the llobregat river basin (northeast spain). Environmental Toxicology and Chemistry, 2009, 28, 2706-2714.	4.3	166
88	Contribution of microbial and invertebrate communities to leaf litter colonization in a Mediterranean stream. Journal of the North American Benthological Society, 2009, 28, 34-43.	3.1	23
89	Toward an integrated assessment of the ecological and chemical status of european river basins. Integrated Environmental Assessment and Management, 2009, 5, 50-61.	2.9	79
90	Effect of climate on the trophic structure of temperate forested streams. A comparison of Mediterranean and Atlantic streams. Science of the Total Environment, 2008, 390, 475-484.	8.0	50

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91	Meteorological and riparian influences on organic matter dynamics in a forested Mediterranean stream. Journal of the North American Benthological Society, 2007, 26, 54-69.	3.1	91
92	Effects of short-term nutrient addition on microfauna density in a Mediterranean stream. Hydrobiologia, 2006, 568, 207-215.	2.0	13
93	The nematode community in cyanobacterial biofilms in the river Llobregat, Spain. Nematology, 2006, 8, 909-919.	0.6	36
94	MODELKEY. Models for assessing and forecasting the impact of environmental key pollutants on freshwater and marine ecosystems and biodiversity (5 pp). Environmental Science and Pollution Research, 2005, 12, 252-256.	5.3	76
95	Effects of nutrient inputs in a forested Mediterranean stream under moderate light availability. Archiv FÃ¼r Hydrobiologie, 2005, 163, 479-496.	1.1	36
96	Assessing the ecological integrity after nutrient inputs in streams: The relevance of the observation scale. Aquatic Ecosystem Health and Management, 2005, 8, 397-403.	0.6	4
97	Drought and postdrought recovery cycles in an intermittent Mediterranean stream: structural and functional aspects. Journal of the North American Benthological Society, 2005, 24, 919-933.	3.1	237
98	Nuisance odours produced by benthic cyanobacteria in a Mediterranean river. Water Science and Technology, 2004, 49, 25-31.	2.5	16
99	Flow extremes and benthic organic matter shape the metabolism of a headwater Mediterranean stream. Freshwater Biology, 2004, 49, 960-971.	2.4	165
100	Biofilm Structure and Function and Possible Implications for Riverine DOC Dynamics. Microbial Ecology, 2004, 47, 316-28.	2.8	142
101	STRUCTURE AND FUNCTION OF BENTHIC ALGAL COMMUNITIES IN AN EXTREMELY ACID RIVER1. Journal of Phycology, 2003, 39, 481-489.	2.3	88
102	The effect of copper exposure on a simple aquatic food chain. Aquatic Toxicology, 2003, 63, 283-291.	4.0	50
103	Ecological factors that co-occur with geosmin production by benthic cyanobacteria. The case of the Llobregat River. Algological Studies, 2003, 109, 579-592.	0.1	9
104	Ecological implications of mass growth of benthic cyanobacteria in rivers. Aquatic Microbial Ecology, 2003, 32, 175-184.	1.8	62
105	The effect of biological factors on the efficiency of river biofilms in improving water quality. Hydrobiologia, 2002, 469, 149-156.	2.0	133
106	Effects of atrazine on periphyton under grazing pressure. Aquatic Toxicology, 2001, 55, 239-249.	4.0	73
107	Nostoc verrucosum (cyanobacteria) colonized by a chironomid larva in a mediterranean stream (Note) â€. Journal of Phycology, 2000, 36, 59-61.	2.3	10
108	Stromatolitic communities in Mediterranean streams: adaptations to a changing environment. Biodiversity and Conservation, 2000, 9, 379-392.	2.6	23

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109	Effects of riparian vegetation removal on nutrient retention in a Mediterranean stream. Journal of the North American Benthological Society, 2000, 19, 609-620.	3.1	136
110	Comparison of extraction methods for the determination of atrazine accumulation in freshwater molluscs (Physa acuta Drap. and Ancylus fluviatilis MÃ¼ll, Gastropoda). Water Research, 2000, 34, 2846-2848.	11.3	16
111	Resource limitation by freshwater snail (Stagnicola vulnerata) grazing pressure: an experimental study.. Fundamental and Applied Limnology, 2000, 148, 517-532.	0.7	16
112	Behavioural and histological effects of atrazine on freshwater molluscs (Physa acuta drap.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	2.8	31
113	Changes in atrazine toxicity throughout succession of stream periphyton communities. Journal of Applied Phycology, 1997, 9, 137-146.	2.8	66
114	Effects of removal of riparian vegetation on algae and heterotrophs in a Mediterranean stream. Hydrobiologia, 1997, 6, 129-140.	0.9	25
115	Macroinvertebrate community in the lower Ebro river (NE Spain). Hydrobiologia, 1994, 286, 65-78.	2.0	30
116	Successional dynamics of the phytoplankton in the lower part of the river Ebro. Journal of Plankton Research, 1990, 12, 573-592.	1.8	45
117	Effects of river regulation on the lower Ebro river (NE Spain). River Research and Applications, 1989, 3, 345-354.	0.8	33