

Dani Boix

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

90
papers

2,322
citations

28
h-index

45
g-index

93
ext. papers

2,604
ext. citations

2.9
avg, IF

4.75
L-index

#	Paper	IF	Citations
90	Perils of life on the edge: Climatic threats to global diversity patterns of wetland macroinvertebrates.. <i>Science of the Total Environment</i> , 2022 , 820, 153052	10.2	1
89	Recovery of temporary pond alpha and beta diversity after wildfire disturbance: the role of dispersal and recolonization processes. <i>Inland Waters</i> , 2021 , 11, 522-537	2.4	1
88	Metacommunity resilience against simulated gradients of wildfire: disturbance intensity and species dispersal ability determine landscape recover capacity. <i>Ecography</i> , 2021 , 44, 1022	6.5	2
87	Distinctive genetic signatures of two fairy shrimp species with overlapping ranges in Iberian temporary ponds. <i>Freshwater Biology</i> , 2021 , 66, 1680-1697	3.1	0
86	Identifying critical transitions in seasonal shifts of zooplankton composition in a confined coastal salt marsh. <i>Aquatic Sciences</i> , 2021 , 83, 1	2.5	0
85	Ecosystem metabolism dynamics and environmental drivers in Mediterranean confined coastal lagoons. <i>Estuarine, Coastal and Shelf Science</i> , 2020 , 245, 106989	2.9	5
84	Conservation of Temporary Wetlands 2020 , 279-294		3
83	Addressing trait selection patterns in temporary ponds in response to wildfire disturbance and seasonal succession. <i>Journal of Animal Ecology</i> , 2020 , 89, 2134-2144	4.7	3
82	Legacy of Summer Drought on Autumnal Leaf Litter Processing in a Temporary Mediterranean Stream. <i>Ecosystems</i> , 2020 , 23, 989-1003	3.9	13
81	Large- and small-regional-scale variables interact in the dispersal patterns of aquatic macroinvertebrates from temporary ponds. <i>Aquatic Ecology</i> , 2020 , 54, 1041-1058	1.9	2
80	How do zooplankton respond to coastal wetland restoration? the case of newly created salt marsh lagoons in La Pletera (NE Catalonia) 2019 , 38, 721-741		5
79	Direct and indirect impacts of wildfire on faunal communities of Mediterranean temporary ponds. <i>Freshwater Biology</i> , 2019 , 64, 323-334	3.1	12
78	Response of macroinvertebrate communities to hydrological and hydrochemical alterations in Mediterranean streams. <i>Journal of Hydrology</i> , 2018 , 566, 566-580	6	5
77	Dispersal mode and spatial extent influence distance-decay patterns in pond metacommunities. <i>PLoS ONE</i> , 2018 , 13, e0203119	3.7	13
76	Contrasting intra-annual patterns of six biotic groups with different dispersal mode and ability in Mediterranean temporary ponds. <i>Marine and Freshwater Research</i> , 2017 , 68, 1044	2.2	13
75	Crustacean assemblages of coastal wetlands from fragmented and scarcely isolated islands compared with the mainland. <i>Marine and Freshwater Research</i> , 2017 , 68, 889	2.2	1
74	Temporary wetlands: challenges and solutions to conserving a disappearing ecosystem. <i>Biological Conservation</i> , 2017 , 211, 3-11	6.2	110

73	How threatened are large branchiopods (Crustacea, Branchiopoda) in the Iberian Peninsula? <i>Hydrobiologia</i> , 2017 , 801, 99-116	2.4	7
72	Defining the importance of landscape metrics for large branchiopod biodiversity and conservation: the case of the Iberian Peninsula and Balearic Islands. <i>Hydrobiologia</i> , 2017 , 801, 81-98	2.4	7
71	Microhabitat selection and diel patterns of zooplankton in a Mediterranean temporary pond. <i>Hydrobiologia</i> , 2016 , 766, 201-213	2.4	10
70	Mediterranean Temporary Ponds: new challenges from a neglected habitat. <i>Hydrobiologia</i> , 2016 , 782, 1-10	2.4	35
69	Linderiella jebalae sp. nov. (Crustacea: Branchiopoda: Anostraca), a new species from the Rif mountains (northern Morocco). <i>Zootaxa</i> , 2016 , 4138, 491-512	0.5	1
68	Update: A non-parametric method for the measurement of size diversity, with emphasis on data standardization. The measurement of the size evenness. <i>Limnology and Oceanography: Methods</i> , 2016 , 14, 408-413	2.6	8
67	Environmental filtering determines metacommunity structure in wetland microcrustaceans. <i>Oecologia</i> , 2016 , 181, 193-205	2.9	30
66	Invertebrate Assemblages and Their Ecological Controls Across the World's Freshwater Wetlands 2016 , 601-639		7
65	Invertebrates of Freshwater Temporary Ponds in Mediterranean Climates 2016 , 141-189		28
64	An Introduction to Freshwater Wetlands and Their Invertebrates 2016 , 1-23		9
63	Environmental factors affecting the balance of autotrophs versus heterotrophs in the microbial food web of temporary ponds. <i>Hydrobiologia</i> , 2016 , 782, 127-143	2.4	9
62	Zoophagy in the Larvae of Ibero-Maghrebian Spade-foot Toads. <i>Herpetologica</i> , 2016 , 72, 281-287	1.9	3
61	New Tools to Analyse the Ecological Status of Mediterranean Wetlands and Shallow Lakes. <i>Handbook of Environmental Chemistry</i> , 2015 , 171-199	0.8	6
60	Predation and competition effects on the size diversity of aquatic communities. <i>Aquatic Sciences</i> , 2015 , 77, 45-57	2.5	31
59	Factors regulating the invasive success of an alien frog: a comparison of the ecology of the native and alien populations. <i>Hydrobiologia</i> , 2014 , 730, 127-138	2.4	7
58	Taxonomic and functional successional patterns in macroinvertebrates related to flying dispersal abilities: a case study from isolated manmade ponds at reclaimed opencast coal mines. <i>Hydrobiologia</i> , 2014 , 732, 111-122	2.4	5
57	The ecological role of ponds in a changing world. <i>Hydrobiologia</i> , 2014 , 723, 1-6	2.4	122
56	Reproductive habitat selection in alien and native populations of the genus <i>Discoglossus</i> . <i>Acta Oecologica</i> , 2014 , 59, 97-103	1.7	7

55	Analysis of stream-aquifer relationships: A comparison between mass balance and Darcy's law approaches. <i>Journal of Hydrology</i> , 2014 , 517, 157-172	6	33
54	Environmental filtering determines community patterns in temporary wetlands: a multi-taxon approach. <i>Hydrobiologia</i> , 2014 , 723, 25-39	2.4	28
53	Macroinvertebrate biodiversity patterns during primary succession in manmade ponds in north-eastern Spain. <i>Journal of Limnology</i> , 2014 , 73,	1.5	7
52	Spatio-temporal variability of faunal and floral assemblages in Mediterranean temporary wetlands. <i>Comptes Rendus - Biologies</i> , 2014 , 337, 695-708	1.4	12
51	Nestedness and successional trajectories of macroinvertebrate assemblages in man-made wetlands. <i>Oecologia</i> , 2013 , 171, 545-56	2.9	45
50	The effects of <i>Aphanius iberus</i> predation on an aquatic community: diel changes and the role of vegetation. <i>Fundamental and Applied Limnology</i> , 2013 , 182, 75-87	1.9	5
49	Functional and phylogenetic relatedness in temporary wetland invertebrates: current macroecological patterns and implications for future climatic change scenarios. <i>PLoS ONE</i> , 2013 , 8, e81737	3.7	34
48	The effects of small fish presence on a species-poor community dominated by omnivores: Example of a size-based trophic cascade. <i>Journal of Experimental Marine Biology and Ecology</i> , 2012 , 418-419, 1-11	2.1	15
47	Assessing the potential impact of an invasive species on a Mediterranean amphibian assemblage: a morphological and ecological approach. <i>Hydrobiologia</i> , 2012 , 680, 233-245	2.4	14
46	Change in biological traits and community structure of macroinvertebrates through primary succession in a man-made Swedish wetland. <i>Freshwater Science</i> , 2012 , 31, 22-37	2	23
45	A rapid bioassessment tool for the evaluation of the water quality of transitional waters. <i>Estuarine, Coastal and Shelf Science</i> , 2012 , 111, 129-138	2.9	12
44	How do early successional patterns in man-made wetlands differ between cold temperate and Mediterranean regions?. <i>Limnologica</i> , 2012 , 42, 328-339	2	17
43	Spatial characteristics and species niche attributes modulate the response by aquatic passive dispersers to habitat degradation. <i>Marine and Freshwater Research</i> , 2012 , 63, 232	2.2	12
42	Effects of temperature, salinity and fish in structuring the macroinvertebrate community in shallow lakes: implications for effects of climate change. <i>PLoS ONE</i> , 2012 , 7, e30877	3.7	64
41	Man-made Mediterranean temporary ponds as a tool for amphibian conservation. <i>Annales De Limnologie</i> , 2012 , 48, 81-93	0.7	21
40	Pond research and management in Europe: 'Small is Beautiful' <i>Hydrobiologia</i> , 2012 , 689, 1-9	2.4	53
39	Cross-taxon congruence in Mediterranean temporary wetlands: vascular plants, crustaceans, and coleopterans. <i>Community Ecology</i> , 2011 , 12, 40-50	1.2	26
38	Fish effects on benthos and plankton in a Mediterranean salt marsh. <i>Journal of Experimental Marine Biology and Ecology</i> , 2011 , 409, 259-266	2.1	11

37	Environmental Influence on Flight Activity and Arrival Patterns of Aerial Colonizers of Temporary Ponds. <i>Wetlands</i> , 2011 , 31, 1227-1240	1.7	18
36	Factors influencing zooplankton size structure at contrasting temperatures in coastal shallow lakes: Implications for effects of climate change. <i>Limnology and Oceanography</i> , 2010 , 55, 1697-1711	4.8	114
35	Top-predator effects of jellyfish <i>Odessia maeotica</i> in Mediterranean salt marshes. <i>Marine Ecology - Progress Series</i> , 2010 , 402, 147-159	2.6	10
34	Identifying key environmental factors related to plant and crustacean assemblages in Mediterranean temporary ponds. <i>Biodiversity and Conservation</i> , 2010 , 19, 1749-1768	3.4	42
33	Response of community structure to sustained drought in Mediterranean rivers. <i>Journal of Hydrology</i> , 2010 , 383, 135-146	6	101
32	Environmental factors affecting bacterioplankton and phytoplankton dynamics in confined Mediterranean salt marshes (NE Spain). <i>Journal of Experimental Marine Biology and Ecology</i> , 2009 , 369, 118-126	2.1	13
31	Impact of different developmental stages of <i>Daphnia magna</i> (Straus) on the plankton community under different trophic conditions. <i>Hydrobiologia</i> , 2009 , 635, 45-56	2.4	10
30	Spatial and temporal patterns of pioneer macrofauna in recently created ponds: taxonomic and functional approaches. <i>Hydrobiologia</i> , 2009 , 634, 137-151	2.4	44
29	Species richness of crustacean zooplankton and trophic structure of brackish lagoons in contrasting climate zones: north temperate Denmark and Mediterranean Catalonia (Spain). <i>Ecography</i> , 2009 , 32, 692-702	6.5	76
28	Are different biodiversity metrics related to the same factors? A case study from Mediterranean wetlands. <i>Biological Conservation</i> , 2009 , 142, 2602-2612	6.2	37
27	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		62
26	Patterns in size and species diversity of benthic macroinvertebrates in Mediterranean salt marshes. <i>Marine Ecology - Progress Series</i> , 2009 , 391, 21-32	2.6	9
25	A nonparametric method for the measurement of size diversity with emphasis on data standardization. <i>Limnology and Oceanography: Methods</i> , 2008 , 6, 75-86	2.6	72
24	Relation between macroinvertebrate life strategies and habitat traits in Mediterranean salt marsh ponds (Empord� wetlands, NE Iberian Peninsula). <i>Hydrobiologia</i> , 2008 , 597, 71-83	2.4	28
23	Patterns of composition and species richness of crustaceans and aquatic insects along environmental gradients in Mediterranean water bodies. <i>Hydrobiologia</i> , 2008 , 597, 53-69	2.4	73
22	Short-term variation in the ecological status of a Mediterranean coastal lagoon (NE Iberian Peninsula) after a man-made change of hydrological regime. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2008 , 18, 1078-1090	2.6	10
21	Feeding of nauplii, copepodites and adults of <i>Calanipeda aquaedulcis</i> (Calanoida) in Mediterranean salt marshes. <i>Marine Ecology - Progress Series</i> , 2008 , 355, 183-191	2.6	23
20	Comparative biodiversity of crustaceans and aquatic insects from various water body types in coastal Mediterranean wetlands 2007 , 347-359		

19	Zooplankton taxonomic and size diversity in Mediterranean coastal lagoons (NE Iberian Peninsula): Influence of hydrology, nutrient composition, food resource availability and predation. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 71, 335-346	2.9	42
18	Comparison of the effects of hydrological disturbance events on benthos and plankton salt marsh communities. <i>Estuarine, Coastal and Shelf Science</i> , 2007 , 74, 419-428	2.9	20
17	Short-term effects of changes in water management on the limnological characteristics and zooplankton of a eutrophic Mediterranean coastal lagoon (NE Iberian Peninsula). <i>Marine Pollution Bulletin</i> , 2007 , 54, 1273-84	6.7	9
16	Comparative biodiversity of crustaceans and aquatic insects from various water body types in coastal Mediterranean wetlands. <i>Hydrobiologia</i> , 2007 , 584, 347-359	2.4	19
15	Relation between macroinvertebrate life strategies and habitat traits in Mediterranean salt marsh ponds (Empordà wetlands, NE Iberian Peninsula) 2007 , 71-83		
14	Pigment composition and size distribution of phytoplankton in a confined Mediterranean salt marsh ecosystem. <i>Marine Biology</i> , 2006 , 149, 1313-1324	2.5	27
13	Nutrients and zooplankton composition and dynamics in relation to the hydrological pattern in a confined Mediterranean salt marsh (NE Iberian Peninsula). <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 66, 513-522	2.9	41
12	Size and species diversity of zooplankton communities in fluctuating Mediterranean salt marshes. <i>Estuarine, Coastal and Shelf Science</i> , 2006 , 67, 424-432	2.9	43
11	Nematode assemblages and their responses to disturbances: a case study from the Empordà wetlands (northeastern Iberian Peninsula). <i>Journal of the North American Benthological Society</i> , 2006 , 25, 643-655		4
10	Comparative composition and dynamics of harmful dinoflagellates in Mediterranean salt marshes and nearby external marine waters. <i>Harmful Algae</i> , 2006 , 5, 637-648	5.3	25
9	Organic carbon and nutrient (P, N) concentrations of water and sediment in several aquatic environment types of a Mediterranean coastal wetland (Empordà Wetlands, NE Iberian Peninsula). <i>Annales De Limnologie</i> , 2006 , 42, 221-231	0.7	6
8	Predation in a temporary pond with special attention to the trophic role of <i>Triops cancriformis</i> (Crustacea: Branchiopoda: Notostraca). <i>Hydrobiologia</i> , 2006 , 571, 341-353	2.4	30
7	Variability of benthic assemblages in relation to the hydrological pattern in Mediterranean salt marshes (Empordà wetlands, NE Iberian Peninsula). <i>Archiv Für Hydrobiologie</i> , 2005 , 163, 163-181		36
6	A new index of water quality assessment in Mediterranean wetlands based on crustacean and insect assemblages: the case of Catalunya (NE Iberian peninsula). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2005 , 15, 635-651	2.6	72
5	Ontogenic changes of amino acid composition in planktonic crustacean species. <i>Marine Biology</i> , 2005 , 148, 131-139	2.5	19
4	Zooplankton structure and dynamics in permanent and temporary Mediterranean salt marshes: taxon-based and size-based approaches. <i>Archiv Für Hydrobiologie</i> , 2005 , 162, 535-555		56
3	Succession of the animal community in a Mediterranean temporary pond. <i>Journal of the North American Benthological Society</i> , 2004 , 23, 29-49		76
2	Population dynamics of <i>Triops cancriformis</i> (Crustacea: Branchiopoda: Notostraca) of the Espolla temporary pond in the northeastern Iberian peninsula. <i>Hydrobiologia</i> , 2002 , 486, 175-183	2.4	16

- 1 The faunal composition of espolla pond (ne iberian peninsula): the neglected biodiversity of temporary waters. *Wetlands*, **2001**, 21, 577-592 1.7 86