Diego Fontaneto

List of Publications by Year in descending order

203 papers	7,150 citations	76326 40 h-index	85541 71 g-index
213 all docs	213 docs citations	213 times ranked	7267 citing authors

#	Article	IF	Citations
1	Independently Evolving Species in Asexual Bdelloid Rotifers. PLoS Biology, 2007, 5, e87.	5.6	311
2	The widely used small subunit 18S rDNA molecule greatly underestimates true diversity in biodiversity surveys of the meiofauna. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 16208-16212.	7.1	308
3	Is the meiofauna a good indicator for climate change and anthropogenic impacts?. Marine Biodiversity, 2015, 45, 505-535.	1.0	209
4	Guidelines for DNA taxonomy, with a focus on the meiofauna. Marine Biodiversity, 2015, 45, 433-451.	1.0	208
5	Body-size shifts in aquatic and terrestrial urban communities. Nature, 2018, 558, 113-116.	27.8	196
6	Microplastics increase impact of treated wastewater on freshwater microbial community. Environmental Pollution, 2018, 234, 495-502.	7.5	195
7	Fifteen species in one: deciphering the Brachionus plicatilis species complex (Rotifera, Monogononta) through DNA taxonomy. Hydrobiologia, 2017, 796, 39-58.	2.0	185
8	Effects of phylogenetic reconstruction method on the robustness of species delimitation using singleâ€locus data. Methods in Ecology and Evolution, 2014, 5, 1086-1094.	5.2	182
9	Urbanization drives crossâ€taxon declines in abundance and diversity at multiple spatial scales. Global Change Biology, 2020, 26, 1196-1211.	9.5	167
10	Extreme levels of hidden diversity in microscopic animals (Rotifera) revealed by DNA taxonomy. Molecular Phylogenetics and Evolution, 2009, 53, 182-189.	2.7	160
11	DNAqua-Net: Developing new genetic tools for bioassessment and monitoring of aquatic ecosystems in Europe. Research Ideas and Outcomes, 0, 2, e11321.	1.0	154
12	Characteristics of meiofauna in extreme marine ecosystems: a review. Marine Biodiversity, 2018, 48, 35-71.	1.0	153
13	Why We Need Sustainable Networks Bridging Countries, Disciplines, Cultures and Generations for Aquatic Biomonitoring 2.0: A Perspective Derived From the DNAqua-Net COST Action. Advances in Ecological Research, 2018, 58, 63-99.	2.7	120
14	Differences in Fatty Acid Composition between Aquatic and Terrestrial Insects Used as Food in Human Nutrition. Ecology of Food and Nutrition, 2011, 50, 351-367.	1.6	114
15	Fitness and Recovery of Bacterial Communities and Antibiotic Resistance Genes in Urban Wastewaters Exposed to Classical Disinfection Treatments. Environmental Science & Technology, 2016, 50, 10153-10161.	10.0	110
16	Constitutive presence of antibiotic resistance genes within the bacterial community of a large subalpine lake. Molecular Ecology, 2015, 24, 3888-3900.	3.9	108
17	Patterns of Diversity in Soft-Bodied Meiofauna: Dispersal Ability and Body Size Matter. PLoS ONE, 2012, 7, e33801.	2.5	106
18	Molecular evidence for broadâ€scale distributions in bdelloid rotifers: everything is not everywhere but most things are very widespread. Molecular Ecology, 2008, 17, 3136-3146.	3.9	103

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19	Genetic Exchange among Bdelloid Rotifers Is More Likely Due to Horizontal Gene Transfer Than to Meiotic Sex. Current Biology, 2016, 26, 723-732.	3.9	102
20	Integrative Taxonomy Recognizes Evolutionary Units Despite Widespread Mitonuclear Discordance: Evidence from a Rotifer Cryptic Species Complex. Systematic Biology, 2016, 65, 508-524.	5.6	100
21	Disentangling the morphological stasis in two rotifer species of the Brachionus plicatilis species complex. Hydrobiologia, 2007, 583, 297-307.	2.0	84
22	Effluents of wastewater treatment plants promote the rapid stabilization of the antibiotic resistome in receiving freshwater bodies. Water Research, 2019, 158, 72-81.	11.3	82
23	Comparative genomics of bdelloid rotifers: Insights from desiccating and nondesiccating species. PLoS Biology, 2018, 16, e2004830.	5.6	78
24	Rotifers in saltwater environments, re-evaluation of an inconspicuous taxon. Journal of the Marine Biological Association of the United Kingdom, 2006, 86, 623-656.	0.8	77
25	Horizontal gene transfer in bdelloid rotifers is ancient, ongoing and more frequent in species from desiccating habitats. BMC Biology, 2015, 13, 90.	3.8	76
26	Long-distance passive dispersal in microscopic aquatic animals. Movement Ecology, 2019, 7, 10.	2.8	76
27	Contribution of microplastic particles to the spread of resistances and pathogenic bacteria in treated wastewaters. Water Research, 2021, 201, 117368.	11.3	67
28	Evidence for Inefficient Selection Against Deleterious Mutations in Cytochrome Oxidase I of Asexual Bdelloid Rotifers. Molecular Biology and Evolution, 2007, 24, 1952-1962.	8.9	64
29	The â€˜rotiferologistâ€™ effect and other global correlates of species richness in monogonont rotifers. Ecography, 2012, 35, 174-182.	4.5	64
30	Patterns of diversity in microscopic animals: are they comparable to those in protists or in larger animals?. Global Ecology and Biogeography, 2006, 15, 153-162.	5.8	61
31	Cryptic diversity in the genus Adineta Hudson & Gosse, 1886 (Rotifera: Bdelloidea: Adinetidae): a DNA taxonomy approach. Hydrobiologia, 2011, 662, 27-33.	2.0	61
32	Spatially structured populations with a low level of cryptic diversity in European marine Gastrotricha. Molecular Ecology, 2012, 21, 1239-1254.	3.9	60
33	Biodiversity of ground beetles (Coleoptera: Carabidae) in different habitats of the Italian Po lowland. Agriculture, Ecosystems and Environment, 2008, 127, 273-276.	5.3	57
34	Molecular phylogenies as a tool to understand diversity in rotifers. International Review of Hydrobiology, 2014, 99, 178-187.	0.9	50
35	Spatial gradients in species diversity of microscopic animals: the case of bdelloid rotifers at high altitude. Journal of Biogeography, 2006, 33, 1305-1313.	3.0	47
36	Environmental filtering and phylogenetic clustering correlate with the distribution patterns of cryptic protist species. Ecology, 2018, 99, 904-914.	3.2	47

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37	Impact of industrial wastewater on the dynamics of antibiotic resistance genes in a full-scale urban wastewater treatment plant. Science of the Total Environment, 2019, 646, 1204-1210.	8.0	47
38	Cryptic diversification in ancient asexuals: evidence from the bdelloid rotifer Philodina flaviceps. Journal of Evolutionary Biology, 2008, 21, 580-587.	1.7	46
39	Towards a List of Available Names in Zoology, partim Phylum Rotifera. Zootaxa, 2012, 3179, 61.	0.5	46
40	Disinfection of urban wastewater by a new photo-Fenton like process using Cu-iminodisuccinic acid complex as catalyst at neutral pH. Water Research, 2018, 146, 206-215.	11.3	46
41	Influence of climate changes on animal communities in space and time: the case of spider assemblages along an alpine glacier foreland. Global Change Biology, 2006, 12, 1985-1992.	9.5	45
42	Molecular and Phenotypic Evidence of a New Species of Genus Esox (Esocidae, Esociformes,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	2.5	45
43	Integrating DNA and morphological taxonomy to describe diversity in poorly studied microscopic animals: new species of the genus Abrochtha Bryce, 1910 (Rotifera: Bdelloidea: Philodinavidae). Zoological Journal of the Linnean Society, 2011, 161, 723-734.	2.3	45
44	Cryptic diversity within the rotifer Polyarthra dolichoptera along an altitudinal gradient. Freshwater Biology, 2014, 59, 2413-2427.	2.4	43
45	Daphnia as a refuge for an antibiotic resistance gene in an experimental freshwater community. Science of the Total Environment, 2016, 571, 77-81.	8.0	43
46	Staying young and fit? Ontogenetic and phylogenetic consequences of animal anhydrobiosis. Journal of Zoology, 2019, 309, 1-11.	1.7	43
47	Temperature and salinity as interacting drivers of species richness of planktonic rotifers in Turkish continental waters. Journal of Limnology, 2010, 69, 297.	1.1	42
48	Addressing biodiversity shortfalls in meiofauna. Journal of Experimental Marine Biology and Ecology, 2018, 502, 26-38.	1.5	40
49	Freshwater zooplankton microbiome composition is highly flexible and strongly influenced by the environment. Molecular Ecology, 2021, 30, 1545-1558.	3.9	40
50	Ubiquity of microscopic animals? Evidence from the morphological approach in species identification. , 2011, , 244-283.		39
51	Ecological differentiation in cryptic rotifer species: what we can learn from the Brachionus plicatilis complex. Hydrobiologia, 2017, 796, 7-18.	2.0	39
52	Facing Adversity: Dormant Embryos in Rotifers. Biological Bulletin, 2019, 237, 119-144.	1.8	39
53	Antibiotic disturbance affects aquatic microbial community composition and food web interactions but not community resilience. Molecular Ecology, 2019, 28, 1170-1182.	3.9	39
54	Geographical and seasonal evidence of cryptic diversity in the Baetis rhodani complex (Ephemeroptera,) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	38

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55	Cryptic diversity with wide salinity tolerance in the putative euryhalineTestudinella clypeata(Rotifera, Monogononta). Zoological Journal of the Linnean Society, 2013, 168, 17-28.	2.3	38
56	Different Diversification Rates Between Sexual and Asexual Organisms. Evolutionary Biology, 2012, 39, 262-270.	1.1	37
57	Evidence of Weak Habitat Specialisation in Microscopic Animals. PLoS ONE, 2011, 6, e23969.	2.5	37
58	SEXUAL SPECIES ARE SEPARATED BY LARGER GENETIC GAPS THAN ASEXUAL SPECIES IN ROTIFERS. Evolution; International Journal of Organic Evolution, 2014, 68, 2901-2916.	2.3	35
59	Dynamics of Ecological Communities Following Current Retreat of Glaciers. Annual Review of Ecology, Evolution, and Systematics, 2021, 52, 405-426.	8.3	35
60	Using DNA taxonomy to investigate the ecological determinants of plankton diversity: explaining the occurrence of Synchaeta spp. (Rotifera, Monogononta) in mountain lakes. Freshwater Biology, 2012, 57, 1545-1553.	2.4	34
61	Defence strategies and antibiotic resistance gene abundance in enterococci under stress by exposure to low doses of peracetic acid. Chemosphere, 2017, 185, 480-488.	8.2	34
62	Combination of flow cytometry and molecular analysis to monitor the effect of UVC/H2O2 vs UVC/H2O2/Cu-IDS processes on pathogens and antibiotic resistant genes in secondary wastewater effluents. Water Research, 2020, 184, 116194.	11.3	34
63	The importance of being a bdelloid: Ecological and evolutionary consequences of dormancy. Italian Journal of Zoology, 2009, 76, 240-249.	0.6	33
64	Survey of moss-dwelling bdelloid rotifers from middle Arctic Spitsbergen (Svalbard). Polar Biology, 2010, 33, 833-842.	1.2	33
65	Stress and fitness in parthenogens: is dormancy a key feature for bdelloid rotifers?. BMC Evolutionary Biology, 2007, 7, S9.	3.2	31
66	Molecular taxonomy confirms morphological classification of deep-sea hydrothermal vent copepods (Dirivultidae) and suggests broad physiological tolerance of species and frequent dispersal along ridges. Marine Biology, 2011, 158, 221-231.	1.5	31
67	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
68	Impact of the reference list features on the number of citations. Scientometrics, 2021, 126, 785-799.	3.0	30
69	Trophi Structure in Bdelloid Rotifers. Hydrobiologia, 2005, 546, 197-202.	2.0	29
70	Genetic spatial structure of an anchialine cave annelid indicates connectivity within - but not between - islands of the Great Bahama Bank. Molecular Phylogenetics and Evolution, 2017, 109, 259-270.	2.7	29
71	Shape diversity in the trophi of different species ofRotaria(Rotifera, Bdelloidea): A geometric morphometric study. Italian Journal of Zoology, 2004, 71, 63-72.	0.6	28
72	Human access impacts biodiversity of microscopic animals in sandy beaches. Communications Biology, 2020, 3, 175.	4.4	28

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73	Factors affecting the efficiency of molecular species delimitation in a speciesâ€rich insect family. Molecular Ecology Resources, 2021, 21, 1475-1489.	4.8	28
74	External Morphology and Muscle Arrangement of Brachionus urceolaris, Floscularia ringens, Hexarthra mira and Notommata glyphura (Rotifera, Monogononta). Hydrobiologia, 2005, 546, 223-229.	2.0	27
75	Anophthalmia and elongation of body appendages in cave scale worms (Annelida: Aphroditiformia). Zoologica Scripta, 2018, 47, 106-121.	1.7	27
76	Barcoding of Chrysomelidae of Euro-Mediterranean area: efficiency and problematic species. Scientific Reports, 2018, 8, 13398.	3.3	26
77	Evolutionary dynamics of transposable elements in bdelloid rotifers. ELife, 2021, 10, .	6.0	26
78	Diversity of the rotiferBrachionus plicatilisspecies complex (Rotifera: Monogononta) in Iran through integrative taxonomy. Zoological Journal of the Linnean Society, 2014, 170, 233-244.	2.3	25
79	Ecology and trophic role of Oncholaimus dyvae sp. nov. (Nematoda: Oncholaimidae) from the lucky strike hydrothermal vent field (Mid-Atlantic Ridge). BMC Zoology, 2019, 4, .	1.0	25
80	Connectivity and nestedness of the meta-community structure of moss dwelling bdelloid rotifers along a stream. Hydrobiologia, 2005, 542, 131-136.	2.0	24
81	Is the human population a largeâ€scale indicator of the species richness of ground beetles?. Animal Conservation, 2010, 13, 432-441.	2.9	24
82	Broad taxonomic sampling of mitochondrial cytochrome c oxidase subunit I does not solve the relationships between Rotifera and Acanthocephala. Zoologischer Anzeiger, 2011, 250, 80-85.	0.9	24
83	Distribution patterns and environmental correlates of Thaumarchaeota abundance in six deep subalpine lakes. Aquatic Sciences, 2016, 78, 215-225.	1.5	24
84	Species and hybrids in the genus Diaphanosoma Fischer, 1850 (Crustacea: Branchiopoda: Cladocera). Molecular Phylogenetics and Evolution, 2018, 118, 369-378.	2.7	24
85	Morphology of Floscularia ringens (Rotifera, Monogononta) from egg to adult. Invertebrate Biology, 2003, 122, 231-240.	0.9	23
86	Inconsistent estimates of diversity between traditional and DNA taxonomy in bdelloid rotifers. Organisms Diversity and Evolution, 2009, 9, 3-12.	1.6	23
87	A critique of Rossberg et al. : noise obscures the genetic signal of meiobiotal ecospecies in ecogenomic datasets. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133076.	2.6	23
88	Diversity gradients of rotifer species richness in Antarctica. Hydrobiologia, 2015, 761, 235-248.	2.0	23
89	On the reality and recognisability of asexual organisms: morphological analysis of the masticatory apparatus of bdelloid rotifers. Zoologica Scripta, 2007, 36, 361-370.	1.7	22
90	At least some protist species are not ubiquitous. Molecular Ecology, 2013, 22, 5053-5055.	3.9	22

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91	Meiofauna as a model to test paradigms of ecological metacommunity theory. Hydrobiologia, 2020, 847, 2645-2663.	2.0	22
92	Bdelloid Rotifers Recorded from Australia with Description of Philodinavus aussiensis n.sp.. Zoologischer Anzeiger, 2003, 242, 241-248.	0.9	21
93	Volume and morphology changes of a bdelloid rotifer species (Macrotrachela) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 T	1.2	21
94	Everything is everywhere: a twenty-first century de-/reconstruction with respect to protists. , 2011, , 88-110.		21
95	Spatial niche partitioning in epibiont rotifers on the waterlouse Asellus aquaticus. Limnology and Oceanography, 2010, 55, 1327-1337.	3.1	19
96	Mitonuclear discordance as a confounding factor in the <scp>DNA</scp> taxonomy of monogonont rotifers. Zoologica Scripta, 2018, 47, 122-132.	1.7	19
97	Patterns of diversity and endemism of soft-bodied meiofauna in an oceanic island, Lanzarote, Canary Islands. Marine Biodiversity, 2019, 49, 2033-2055.	1.0	19
98	Spatial distribution of antibiotic and heavy metal resistance genes in the Black Sea. Marine Pollution Bulletin, 2020, 160, 111635.	5.0	19
99	Dispersal of protists: the role of cysts and human introductions. , 0, , 61-87.		18
100	Long-Term Survival of Microscopic Animals Under Desiccation Is Not So Long. Astrobiology, 2012, 12, 863-869.	3.0	18
101	Carabid beetle (Coleoptera: Carabidae) richness and functional traits in relation to differently managed grasslands in the Alps. Annales De La Societe Entomologique De France, 2015, 51, 52-59.	0.9	18
102	Do Species Exist in Asexuals? Theory and Evidence from Bdelloid Rotifers. Integrative and Comparative Biology, 2015, 55, 253-263.	2.0	18
103	Nematodes and rotifers on two Alpine debris-covered glaciers. Italian Journal of Zoology, 2015, 82, 616-623.	0.6	18
104	Biodiversity analyses: are aquatic ecologists doing any better and differently than terrestrial ecologists?. Hydrobiologia, 2015, 750, 5-12.	2.0	18
105	Assessing antimicrobial resistance gene load in vegan, vegetarian and omnivore human gut microbiota. International Journal of Antimicrobial Agents, 2018, 52, 702-705.	2.5	18
106	Every fifth published metagenome is not available to science. PLoS Biology, 2020, 18, e3000698.	5.6	18
107	PET particles raise microbiological concerns for human health while tyre wear microplastic particles potentially affect ecosystem services in waters. Journal of Hazardous Materials, 2022, 429, 128397.	12.4	18
108	Weak effects of habitat type on susceptibility to invasive freshwater species: an Italian case study. Aquatic Conservation: Marine and Freshwater Ecosystems, 2014, 24, 841-852.	2.0	17

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109	Different substrates within a lake harbour connected but specialised microbial communities. Hydrobiologia, 2020, 847, 1689-1704.	2.0	17
110	Comparative phylogeography reveals consistently shallow genetic diversity in a mitochondrial marker in Antarctic bdelloid rotifers. Journal of Biogeography, 2021, 48, 1797-1809.	3.0	17
111	Do Rotifer Jaws Grow After Hatching?. Hydrobiologia, 2005, 546, 213-221.	2.0	16
112	Molecular approach to micrometazoans. Are they here, there and everywhere?. , 0, , 284-306.		16
113	Does a Barcoding Gap Exist in Prokaryotes? Evidences from Species Delimitation in Cyanobacteria. Life, 2015, 5, 50-64.	2.4	16
114	ddPCR applied on archived Continuous Plankton Recorder samples reveals longâ€term occurrence of class 1 integrons and a sulphonamide resistance gene in marine plankton communities. Environmental Microbiology Reports, 2018, 10, 458-464.	2.4	16
115	Biodiversity analyses in freshwater meiofauna through DNA sequence data. Hydrobiologia, 2020, 847, 2597-2611.	2.0	16
116	DNA Metabarcoding Methods for the Study of Marine Benthic Meiofauna: A Review. Frontiers in Marine Science, 2021, 8, .	2.5	16
117	Lack of host specificity of copepod crustaceans associated with mushroom corals in the Red Sea. Molecular Phylogenetics and Evolution, 2018, 127, 770-780.	2.7	15
118	A TEST OF THE SPECIESâ€“PEOPLE CORRELATION FOR STREAM MACRO-INVERTEBRATES IN EUROPEAN COUNTRIES. , 2008, 18, 1842-1849.		14
119	Scale-dependence of the correlation between human population and the species richness of stream macro-invertebrates. Basic and Applied Ecology, 2010, 11, 272-280.	2.7	14
120	Cryptic diversity, niche displacement and our poor understanding of taxonomy and ecology of aquatic microorganisms. Hydrobiologia, 2023, 850, 1221-1236.	2.0	14
121	Testing for evidence of inefficient selection in bdelloid rotifers: do sample size and habitat differences matter?. Hydrobiologia, 2011, 662, 19-25.	2.0	13
122	Multiple functionally divergent and conserved copies of alpha tubulin in bdelloid rotifers. BMC Evolutionary Biology, 2012, 12, 148.	3.2	13
123	Are generic early-warning signals reliable indicators of population collapse in rotifers?. Hydrobiologia, 2017, 796, 111-120.	2.0	13
124	Life-history strategies in zooplankton promote coexistence of competitors in extreme environments with high metal content. Scientific Reports, 2018, 8, 11060.	3.3	13
125	Microbiomes of gall-inducing copepod crustaceans from the corals Stylophora pistillata (Scleractinia) and Gorgonia ventalina (Alcyonacea). Scientific Reports, 2018, 8, 11563.	3.3	13
126	Redescription of Pleuretra hystrix, an endemic alpine bdelloid rotifer. Hydrobiologia, 2003, 497, 153-160.	2.0	12

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127	Postembryonic development of hard jaws (trophi) in a species belonging to theBrachionus plicatilis complex (Rotifera, Monogononta): A morphometric analysis. Microscopy Research and Technique, 2006, 69, 296-301.	2.2	12
128	Geographic variation in the diversity of microbial communities: research directions and prospects for experimental biogeography. , 2011, , 335-357.		12
129	4. Rotifera. , 2014, , 217-300.		12
130	Tardigrada and Rotifera from moss microhabitats on a disappearing Ugandan glacier, with the description of a new species of water bearÂ. Zootaxa, 2018, 4392, 311-328.	0.5	12
131	Mitogenomics of Cladocera (Branchiopoda): Marked gene order rearrangements and independent predation roots. Molecular Phylogenetics and Evolution, 2021, 164, 107275.	2.7	12
132	Alien species in Italian freshwater ecosystems: a macroecological assessment of invasion drivers. Aquatic Invasions, 2017, 12, 299-309.	1.6	12
133	On some rotifers new for the Italian fauna. Italian Journal of Zoology, 2003, 70, 253-259.	0.6	11
134	Marine rotifers from the Northern Adriatic Sea, with description of Lecane insulaconae sp. nov. (Rotifera: Monogononta: Lecanidae). Journal of the Marine Biological Association of the United Kingdom, 2008, 88, 253-258.	0.8	11
135	Life-history responses to environmental change revealed by resurrected rotifers from a historically polluted lake. Hydrobiologia, 2017, 796, 121-130.	2.0	11
136	Fine-scale spatial heterogeneity of invertebrates within cryoconite holes. Aquatic Ecology, 2019, 53, 179-190.	1.5	11
137	Bdelloid Rotifers from Lakes above 1700 m in Western Italian Alps, with Taxonomic Notes onDissotrocha macrostyla. International Review of Hydrobiology, 2003, 88, 594-601.	0.9	10
138	Evaluation of water quality and ecological system conditions through macrophytes. Desalination, 2009, 246, 190-201.	8.2	10
139	Microbes as a test of biogeographic principles. , 2011, , 309-323.		9
140	A metacommunity perspective on the phylo- and biogeography of small organisms. , 0, , 324-334.		9
141	Epizoic rotifers (Rotifera: Monogononta, Bdelloidea) from the gill chambers ofPotamon fluviatile(Herbst, 1785). Journal of Natural History, 2004, 38, 1225-1232.	0.5	9
142	A multi-scale study of Orthoptera species richness and human population size controlling for sampling effort. Die Naturwissenschaften, 2010, 97, 265-271.	1.6	9
143	Positive regional speciesâ€“people correlations: a sampling artefact or a key issue for sustainable development?. Animal Conservation, 2010, 13, 446-447.	2.9	9
144	Latitudinal gradients in body size in marine tardigrades. Zoological Journal of the Linnean Society, 2020, 188, 820-838.	2.3	9

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145	Climate-induced forest dieback drives compositional changes in insect communities that are more pronounced for rare species. Communications Biology, 2022, 5, 57.	4.4	9
146	A faunistic survey of bdelloid rotifers in Turkey. Zoology in the Middle East, 2009, 48, 114-116.	0.6	8
147	Contribution of soft-bodied meiofaunal taxa to Italian marine biodiversity. , 2020, 87, 369-384.		8
148	Habitat differences filter functional diversity of low dispersive microscopic animals (Acari,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	2.0	8
149	Transparent exopolymer particles (TEP) are driven by chlorophyll a and mainly confined to the euphotic zone in a deep subalpine lake. Inland Waters, 2017, 7, 118-127.	2.2	7
150	Estimating the magnitude of morphoscapes: how to measure the morphological component of biodiversity in relation to habitats using geometric morphometrics. Die Naturwissenschaften, 2017, 104, 55.	1.6	7
151	Speciation in the Brachionus plicatilis Species Complex. Fisheries Science Series, 2017, , 15-32.	0.5	7
152	Planktonic and periphytic bdelloid rotifers from Thailand reveal a species assemblage with a combination of cosmopolitan and tropical species. Systematics and Biodiversity, 2018, 16, 128-141.	1.2	7
153	A data set on the distribution of Rotifera in Antarctica. Biogeographia, 2019, 35, .	0.5	7
154	The Benthic Quality Index to Assess Water Quality of Lakes May Be Affected by Confounding Environmental Features. Water (Switzerland), 2020, 12, 2519.	2.7	7
155	We are ready for faunistic surveys of bdelloid rotifers through DNA barcoding: the example of Sphagnum bogs of the Swiss Jura Mountains. , 2019, 38, 213-225.		7
156	The evolutionary nature of diversification in sexuals and asexuals. , 2001, , 29-45.		6
157	Contribution of plasmidome, metal resistome and integrases to the persistence of the antibiotic resistome in aquatic environments. Environmental Pollution, 2022, 297, 118774.	7.5	6
158	Phylogenetic study on Proales daphnicola Thompson, 1892 (Proalidae) and its relocation to Epiphanes (Rotifera: Epiphanidae). Zoologischer Anzeiger, 2012, 251, 180-196.	0.9	5
159	Limnology in the 21st century: the importance of freshwater ecosystems as model systems in ecology and evolution. Journal of Limnology, 2014, 73, .	1.1	5
160	Preface: Emerging trends in aquatic ecology II. Hydrobiologia, 2017, 800, 1-5.	2.0	5
161	Demographic processes underlying fitness restoration in bdelloid rotifers emerging from dehydration. Freshwater Biology, 2019, 64, 1295-1302.	2.4	5
162	Phylum Rotifera. , 2020, , 145-200.		5

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163	Antarctic coastal nanoplankton dynamics revealed by metabarcoding of desalination plant filters: Detection of short-term events and implications for routine monitoring. Science of the Total Environment, 2021, 757, 143809.	8.0	5
164	Effects of Ailanthus altissima Invasion and Removal on High-Biodiversity Mediterranean Grasslands. Environmental Management, 2021, 68, 914-927.	2.7	5
165	Do rotifer jaws grow after hatching?. , 2005, , 213-221.		5
166	Mismatches between Morphology and DNA in Italian Partridges May Not Be Explained Only by Recent Artificial Release of Farm-Reared Birds. Animals, 2022, 12, 541.	2.3	5
167	Spatially explicit genetic structure in the freshwater sponge Ephydatia fluviatilis (Linnaeus, 1759) within the framework of the monopolisation hypothesis. Journal of Limnology, 2013, 72, 14.	1.1	4
168	Demographic cost and mechanisms of adaptation to environmental stress in resurrected Daphnia. Journal of Limnology, 2016, 75, .	1.1	4
169	Tossed â€˜good luckâ€™ coins as vectors for anthropogenic pollution into aquatic environment. Environmental Pollution, 2020, 259, 113800.	7.5	4
170	Potential niche displacement in species of aquatic bdelloid rotifers between temperate and tropical areas. Hydrobiologia, 2021, 848, 4903-4918.	2.0	4
171	The influence of environmental variables on bdelloid rotifers of the genus Rotaria in Thailand. Journal of Tropical Ecology, 2020, 36, 267-274.	1.1	4
172	Geochemistry drives the allometric growth of the hydrothermal vent tubewormRiftia pachyptila(Annelida: Siboglinidae). Zoological Journal of the Linnean Society, 2021, 193, 281-294.	2.3	4
173	Meiofauna is an important, yet often overlooked, component of biodiversity in the ecosystem formed by <scp> Posidonia oceanica </scp>. Invertebrate Biology, 2022, 141, .	0.9	4
174	Preface: Biology of the Ross Sea and surrounding areas in Antarctica. Hydrobiologia, 2015, 761, 1-3.	2.0	3
175	Rotifers in Lake Orta: a potential ecological and evolutionary model system. Journal of Limnology, 2016, 75, .	1.1	3
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