

Ecologically meaningful transformations for ordination

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Citation Report

#	ARTICLE	IF	CITATIONS
1	State-dependent changes in the N20 component of the median nerve somatosensory evoked potential. <i>Neurology</i> , 1988, 38, 64-64.	1.5	97
2	Tying Up the Loose Ends in Simple Correspondence Analysis. <i>SSRN Electronic Journal</i> , 2001, , .	0.4	2
3	Optimal Variable Weighting for Ultrametric and Additive Trees and K-means Partitioning: Methods and Software. <i>Journal of Classification</i> , 2001, 18, 245-271.	1.2	85
4	Identification of bioindicator species among Ephemeroptera, Plecoptera and Trichoptera in a survey of streams belonging to the rhithral classification in the Grand Duchy of Luxembourg. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2002, 28, 381-386.	0.1	5
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9	Patchiness of River-Groundwater Interactions within Two Floodplain Landscapes and Diversity of Aquatic Invertebrate Communities. <i>Ecosystems</i> , 2003, 6, 707-722.	1.6	18
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11	CO-INERTIA ANALYSIS AND THE LINKING OF ECOLOGICAL DATA TABLES. <i>Ecology</i> , 2003, 84, 3078-3089.	1.5	507
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13	Terminal Restriction Fragment Length Polymorphism Data Analysis. <i>Applied and Environmental Microbiology</i> , 2003, 69, 6342-6343.	1.4	30
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19	The flood-tide ichthyoplanktonic community at the entrance into a Brazilian tropical estuary. <i>Journal of Plankton Research</i> , 2004, 26, 1277-1287.	0.8	26

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21	ASSESSING CONGRUENCE AMONG DISTANCE MATRICES: SINGLE-MALT SCOTCH WHISKIES REVISITED. <i>Australian and New Zealand Journal of Statistics</i> , 2004, 46, 615-629.	0.4	93
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37	Relationships between taxonomic resolution and spatial scales of multivariate variation. <i>Journal of Animal Ecology</i> , 2005, 74, 636-646.	1.3	149

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39	Decoupling of pelagic and littoral food webs in oligotrophic Canadian Shield lakes. <i>Oikos</i> , 2005, 111, 534-546.	1.2	33
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619	The influence of litter quality on the relationship between vegetation and below-ground compartments: a Procrustean approach. <i>Plant and Soil</i> , 2013, 367, 551-562.	1.8	4
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622	Changes in Microbial Communities Associated with the Sea Anemone <i>Anemone viridis</i> in a Natural pH Gradient. <i>Microbial Ecology</i> , 2013, 65, 269-276.	1.4	19
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626	Amphibian communities in natural and constructed ridge top wetlands with implications for wetland construction. <i>Journal of Wildlife Management</i> , 2013, 77, 886-896.	0.7	34
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630	Effects of tampons and menses on the composition and diversity of vaginal microbial communities over time. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2013, 120, 695-706.	1.1	65
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679	Invasion success and impact of an invasive fish, round goby, in Great Lakes tributaries. <i>Diversity and Distributions</i> , 2013, 19, 184-198.	1.9	63
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755	Two Computational Simplex Approaches to Graphical Highlighting Metabolic Phenotypes and Their Functional Origins. <i>Advances in Botanical Research</i> , 2013, , 441-492.	0.5	2
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1066	Soil microbial response to waste potassium silicate drilling fluid. <i>Journal of Environmental Sciences</i> , 2015, 29, 189-198.	3.2	4
1067	Effect of slope orientation on microbial community composition in different particle size fractions from soils obtained from desert ecosystems. <i>Biology and Fertility of Soils</i> , 2015, 51, 507-510.	2.3	8
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1079	Multiple plant traits shape the genetic basis of herbivore community assembly. <i>Functional Ecology</i> , 2015, 29, 995-1006.	1.7	74
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1090	Polar front associated variation in prokaryotic community structure in Arctic shelf seafloor. <i>Frontiers in Microbiology</i> , 2015, 6, 17.	1.5	34
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1111	Agricultural landscape composition as a driver of farmland bird diversity in Brittany (NW France). <i>Agriculture, Ecosystems and Environment</i> , 2015, 205, 79-89.	2.5	26
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1125	Strikingly high effect of geographic location on fauna and flora of European agricultural grasslands. <i>Basic and Applied Ecology</i> , 2015, 16, 281-290.	1.2	9
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1129	Belowground bud bank response to grazing under severe, short-term drought. <i>Oecologia</i> , 2015, 178, 795-806.	0.9	47
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1139	Environmental filtering vs. resource-based niche partitioning in diverse soil animal assemblages. <i>Soil Biology and Biochemistry</i> , 2015, 85, 145-152.	4.2	35
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1155	<i>Methanobacterium</i> enables high rate electricity-driven autotrophic sulfate reduction. <i>RSC Advances</i> , 2015, 5, 89368-89374.	1.7	35
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1166	Soil and plant response to used potassium silicate drilling fluid application. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 326-333.	2.9	9
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1195	Seasonal influence of climate manipulation on microbial community structure and function in mountain soils. <i>Soil Biology and Biochemistry</i> , 2015, 80, 296-305.	4.2	70
1196	Aquatic prey subsidies to riparian spiders in a stream with different land use types. <i>Limnologia</i> , 2015, 51, 1-7.	0.7	37
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1198	Environmental filtering of crustacean zooplankton communities in fishless boreal lakes: expectations and exceptions. <i>Journal of Plankton Research</i> , 2015, 37, 75-89.	0.8	7
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1277	Consequences of agroindustrial sugarcane production to freshwater biodiversity. <i>GCB Bioenergy</i> , 2016, 8, 644-657.	2.5	27
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1306	Structure of bacterial communities in soil following cover crop and organic fertilizer incorporation. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 9331-9341.	1.7	65
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1308	Testing life history and trait-based predictions of AM fungal community assembly. <i>Pedobiologia</i> , 2016, 59, 203-213.	0.5	16
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1357	Hydrological connectivity determining metacommunity structure of planktonic heterotrophic flagellates. <i>Hydrobiologia</i> , 2016, 781, 81-94.	1.0	40
1358	Comparison of archaeal and bacterial communities in two sponge species and seawater from an Indonesian coral reef environment. <i>Marine Genomics</i> , 2016, 29, 69-80.	0.4	20
1359	Airway Microbiota Determines Innate Cell Inflammatory or Tissue Remodeling Profiles in Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1252-1263.	2.5	99
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1361	Decisive environmental characteristics for woody regrowth in forest edges – Patterns along complex environmental gradients in Southern Sweden. <i>Forest Ecology and Management</i> , 2016, 363, 47-62.	1.4	6
1362	Spatial variation of dung beetle assemblages associated with forest structure in remnants of southern Brazilian Atlantic Forest. <i>Revista Brasileira De Entomologia</i> , 2016, 60, 73-81.	0.1	35
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1364	Spatial and environmental analysis of an ostracod metacommunity from endorheic lakes. <i>Aquatic Sciences</i> , 2016, 78, 707-716.	0.6	20
1365	Soil degradation and feedback processes affect long-term recovery of tropical secondary forests. <i>Journal of Vegetation Science</i> , 2016, 27, 800-811.	1.1	14
1366	Contrasting metacommunity structure and beta diversity in an aquatic floodplain system. <i>Oikos</i> , 2016, 125, 686-697.	1.2	88
1367	Vertical micro-distribution of microbial communities living in <i>Sphagnum fallax</i> . <i>Aquatic Microbial Ecology</i> , 2016, 77, 1-10.	0.9	8
1368	Land-use history augments environmental plant community relationship strength in a Puerto Rican wet forest. <i>Journal of Ecology</i> , 2016, 104, 1466-1477.	1.9	15
1369	Fish assemblages in Atlantic forest streams: the relative influence of local and catchment environments on taxonomic and functional species. <i>Ecology of Freshwater Fish</i> , 2016, 25, 527-544.	0.7	33
1370	Response of forest soil euglyphid testate amoebae (Rhizaria: Cercozoa) to pig cadavers assessed by high-throughput sequencing. <i>International Journal of Legal Medicine</i> , 2016, 130, 551-562.	1.2	26
1371	Vegetation dynamics at Raraku Lake catchment (Easter Island) during the past 34,000 years. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 446, 55-69.	1.0	15
1372	Distribution patterns of the abundance of major bacterial and archaeal groups in Patagonian lakes. <i>Journal of Plankton Research</i> , 2016, 38, 64-82.	0.8	28
1373	Patterns of earthworm, enchytraeid and nematode diversity and community structure in urban soils of different ages. <i>European Journal of Soil Biology</i> , 2016, 73, 46-58.	1.4	29
1374	The effect of coal rank on biogenic methane potential and microbial composition. <i>International Journal of Coal Geology</i> , 2016, 154-155, 205-212.	1.9	66
1375	Effects of natural and anthropogenic environmental influences on tree community composition and structure in forests along an urban-wildland gradient in southwestern Ohio. <i>Urban Ecosystems</i> , 2016, 19, 915-938.	1.1	15
1376	Chemical Signals in Vertebrates 13. , 2016, , .		1
1377	How forest edge-center transitions in the herb layer interact with beech dominance versus tree diversity. <i>Journal of Plant Ecology</i> , 2016, 9, 498-507.	1.2	16
1378	Fatty acid profiles of four filamentous green algae under varying culture conditions. <i>Bioresource Technology</i> , 2016, 200, 1080-1084.	4.8	25
1379	Effects of set-aside management on soil macrodecomposers in Hungary. <i>Applied Soil Ecology</i> , 2016, 99, 89-97.	2.1	7
1380	Temporal changes in extracellular polymeric substances on hydrophobic and hydrophilic membrane surfaces in a submerged membrane bioreactor. <i>Water Research</i> , 2016, 95, 27-38.	5.3	41
1381	No association between the use of Bti for mosquito control and the dynamics of non-target aquatic invertebrates in French coastal and continental wetlands. <i>Science of the Total Environment</i> , 2016, 553, 486-494.	3.9	33

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1383	Habitat characterization of two <i>Pinguicula</i> species (Lentibulariaceae) in the western Alps. <i>Plant Ecology and Evolution</i> , 2016, 149, 81-91.	0.3	0
1384	<scp>RAD</scp> sequencing reveals within a generation polygenic selection in response to anthropogenic organic and metal contamination in North Atlantic Eels. <i>Molecular Ecology</i> , 2016, 25, 219-237.	2.0	127
1385	Interacting effects of spatial gradients and fishing gears on characterization of fish assemblages in large reservoirs. <i>Reviews in Fish Biology and Fisheries</i> , 2016, 26, 71-81.	2.4	9
1386	Variation in soil microbial communities associated with critically endangered Wollemi pine affects fungal, but not bacterial, assembly within seedling roots. <i>Pedobiologia</i> , 2016, 59, 61-71.	0.5	10
1387	Population structure and dispersal of wolves in the Canadian Rocky Mountains. <i>Journal of Mammalogy</i> , 2016, 97, 839-851.	0.6	15
1388	Does submerged aquatic vegetation shape zooplankton community structure and functional diversity? A test with a shallow fluvial lake system. <i>Hydrobiologia</i> , 2016, 778, 151-165.	1.0	41
1389	Evidence of species sorting driving aquatic beetles associated with woody debris in a transitional region between Cerrado and Atlantic Forest biomes. <i>Aquatic Ecology</i> , 2016, 50, 209-220.	0.7	5
1390	Use of Metagenomic Shotgun Sequencing Technology To Detect Foodborne Pathogens within the Microbiome of the Beef Production Chain. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2433-2443.	1.4	132
1391	Effects of local and landscape factors on spiders and olive fruit flies. <i>Agriculture, Ecosystems and Environment</i> , 2016, 222, 138-147.	2.5	67
1392	High mycobacterial diversity in recreational lakes. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 619-631.	0.7	28
1393	Comparison of pectin-degrading fungal communities in temperate forests using glycosyl hydrolase family 28 pectinase primers targeting Ascomycete fungi. <i>Journal of Microbiological Methods</i> , 2016, 123, 108-113.	0.7	7
1394	Windward vs. leeward: Inter-site variation in marine resource exploitation on Ebon Atoll, Republic of the Marshall Islands. <i>Journal of Archaeological Science: Reports</i> , 2016, 6, 221-229.	0.2	8
1395	A Comparison of Lepidoptera Communities Inhabiting Restored and Late Successional Pitch Pine "Scrub Oak Barrens in Pennsylvania. <i>Natural Areas Journal</i> , 2016, 36, 38-47.	0.2	7
1396	Small lakes in big landscape: Multi-scale drivers of littoral ecosystem in alpine lakes. <i>Science of the Total Environment</i> , 2016, 551-552, 496-505.	3.9	15
1397	Tall Grass Invasion After Grassland Abandonment Influences the Availability of Palatable Plants for Wild Herbivores: Insight into the Conservation of the Apennine Chamois <i>Rupicapra pyrenaica ornata</i> . <i>Environmental Management</i> , 2016, 57, 1247-1261.	1.2	21
1398	Testate Amoebae Like It Hot: Species Richness Decreases Along a Subalpine-Alpine Altitudinal Gradient in Both Natural <i>Calluna vulgaris</i> Litter and Transplanted <i>Minuartia sedoides</i> Cushions. <i>Microbial Ecology</i> , 2016, 71, 725-734.	1.4	14
1399	Does nutrient enrichment compensate fungicide effects on litter decomposition and decomposer communities in streams?. <i>Aquatic Toxicology</i> , 2016, 174, 169-178.	1.9	17

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1401	Multi-proxy palaeoecological responses to water-level fluctuations in three shallow Turkish lakes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 553-566.	1.0	13
1402	Characterization of bacterial communities in lithobionts and soil niches from Victoria Valley, Antarctica. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw051.	1.3	69
1403	Linkage between exotic earthworms, understory vegetation and soil properties in sugar maple forests. <i>Forest Ecology and Management</i> , 2016, 364, 113-121.	1.4	20
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1405	Community composition of butterflies and bumblebees in fallows: niche breadth and dispersal capacity modify responses to fallow type and landscape. <i>Journal of Insect Conservation</i> , 2016, 20, 23-34.	0.8	17
1406	Can mixed stands of native and non-native tree species enhance diversity of epigeic arthropods in plantation forests?. <i>Forest Ecology and Management</i> , 2016, 367, 21-29.	1.4	32
1407	Testate amoeba transfer function performance along localised hydrological gradients. <i>European Journal of Protistology</i> , 2016, 55, 141-151.	0.5	2
1408	Bioassessment in a metacommunity context: Are diatom communities structured solely by species sorting?. <i>Ecological Indicators</i> , 2016, 62, 86-94.	2.6	48
1409	Epibenthic assemblages of the Tail of the Grand Bank and Flemish Cap (northwest Atlantic) in relation to environmental parameters and trawling intensity. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 109, 99-122.	0.6	34
1410	Effects of hydrological regime, landscape features, and environment on macroinvertebrates in St. Lawrence River wetlands. <i>Hydrobiologia</i> , 2016, 778, 221-241.	1.0	7
1411	Inferring past environmental changes in three Turkish lakes from sub-fossil Cladocera. <i>Hydrobiologia</i> , 2016, 778, 295-312.	1.0	10
1412	Toward a practical use of Neotropical odonates as bioindicators: Testing congruence across taxonomic resolution and life stages. <i>Ecological Indicators</i> , 2016, 61, 952-959.	2.6	70
1413	From evergreen to deciduous tropical forests: how energyâ€“water balance, temperature, and space influence the tree species composition in a high diversity region. <i>Plant Ecology and Diversity</i> , 2016, 9, 45-54.	1.0	21
1414	Distribution patterns of forest species along an Atlantic-Mediterranean environmental gradient: an approach from forest inventory data. <i>Forestry</i> , 2016, 89, 46-54.	1.2	15
1415	The effect of pesticides on the composition of aquatic macrofauna communities in field ditches. <i>Basic and Applied Ecology</i> , 2016, 17, 125-133.	1.2	17
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1417	Herbicide-mediated promotion of <i>Lotus tenuis</i> (Waldst. & Kit. ex Wild.) did not influence soil bacterial communities, in soils of the Flooding Pampa, Argentina. <i>Applied Soil Ecology</i> , 2016, 98, 83-91.	2.1	4

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1419	Vegetation, climate and lake changes over the last 7000 years at the boreal treeline in north-central Siberia. <i>Quaternary Science Reviews</i> , 2016, 147, 422-434.	1.4	45
1420	Fluxes in PHA-storing microbial communities during enrichment and biopolymer accumulation processes. <i>New Biotechnology</i> , 2016, 33, 61-72.	2.4	37
1421	Temporary pond ecosystem functioning shifts mediated by the exotic red swamp crayfish (<i>Procambarus clarkii</i>): a mesocosm study. <i>Hydrobiologia</i> , 2016, 767, 333-345.	1.0	16
1422	Unravelling the role of determinism and stochasticity in structuring the phytoplanktonic metacommunity of the Paraná River floodplain. <i>Hydrobiologia</i> , 2016, 764, 139-156.	1.0	51
1423	Unravelling the drivers of aquatic communities using disparate organismal groups and different taxonomic levels. <i>Ecological Indicators</i> , 2016, 60, 108-118.	2.6	55
1424	Phytoplankton functional response to spatial and temporal differences in a cold and oligotrophic lake. <i>Hydrobiologia</i> , 2016, 764, 199-209.	1.0	23
1425	Copepod colonization of organic and inorganic substrata at a deep-sea hydrothermal vent site on the Mid-Atlantic Ridge. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 137, 335-348.	0.6	40
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1427	First spatio-temporal study of macroinvertebrates in the Santa Cruz River: a large glacial river about to be dammed without a comprehensive pre-impoundment study. <i>Hydrobiologia</i> , 2017, 784, 35-49.	1.0	10
1428	Diversity, ecology and community structure of the freshwater littoral diatom flora from Petuniabukta (Spitsbergen). <i>Polar Biology</i> , 2017, 40, 533-551.	0.5	16
1429	Difference in the trophic structure of fish communities between artificial and natural habitats in a tropical estuary. <i>Marine and Freshwater Research</i> , 2017, 68, 473.	0.7	10
1430	Strong spatial turnover in cichlid fish assemblages in the upper Rio Madera (Amazon basin) despite the absence of hydrological barriers. <i>Hydrobiologia</i> , 2017, 791, 221-235.	1.0	3
1431	Intraspecific variation in epiphyte functional traits reveals limited effects of microclimate on community assembly in temperate deciduous oak canopies. <i>Oikos</i> , 2017, 126, 111-120.	1.2	7
1432	A retrospective view of the development of the Gulf of Bothnia ecosystem. <i>Journal of Marine Systems</i> , 2017, 167, 78-92.	0.9	44
1433	Molecular biomarkers study of an ombrotrophic peatland impacted by an anthropogenic clay deposit. <i>Organic Geochemistry</i> , 2017, 105, 20-32.	0.9	16
1434	Holocene diatom records of wetland development near Weipa, Cape York, Australia. <i>Quaternary International</i> , 2017, 440, 42-54.	0.7	9
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1437	Namib Desert edaphic bacterial, fungal and archaeal communities assemble through deterministic processes but are influenced by different abiotic parameters. <i>Extremophiles</i> , 2017, 21, 381-392.	0.9	30
1438	Distinct sensitivity of fungal freshwater guilds to water quality. <i>Mycological Progress</i> , 2017, 16, 155-169.	0.5	24
1439	Importance of sulfide interaction with iron as regulator of the microbial community in biogas reactors and its effect on methanogenesis, volatile fatty acids turnover, and syntrophic long-chain fatty acids degradation. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 597-605.	1.1	26
1440	Simultaneous abrupt shifts in hydrology and fish assemblage structure in a floodplain lake in the central Amazon. <i>Scientific Reports</i> , 2017, 7, 40170.	1.6	73
1441	<i>Hylaenus communis</i> (Hymenoptera: Colletidae), a new exotic bee for North America with generalist foraging and habitat preferences. <i>Canadian Entomologist</i> , 2017, 149, 377-390.	0.4	14
1442	Bioturbation functional roles associated with mangrove development in French Guiana, South America. <i>Hydrobiologia</i> , 2017, 794, 179-202.	1.0	17
1443	Sediment Microbial Diversity of Three Deep-Sea Hydrothermal Vents Southwest of the Azores. <i>Microbial Ecology</i> , 2017, 74, 332-349.	1.4	31
1444	Bacterial community composition in coastal dunes of the Mediterranean along a gradient from the sea shore to the inland. <i>Scientific Reports</i> , 2017, 7, 40266.	1.6	21
1445	Diversity and assemblage structure of bark-dwelling spiders in tropical rainforest and plantations under different management intensities in Xishuangbanna, China. <i>Insect Conservation and Diversity</i> , 2017, 10, 224-235.	1.4	10
1446	Complex plant community responses to modifications of disturbance and nutrient availability in productive permanent grasslands. <i>Journal of Vegetation Science</i> , 2017, 28, 538-549.	1.1	13
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1448	Intra- and interspecific niche variation as reconstructed from stable isotopes in two ecologically different Ethiopian Rift Valley lakes. <i>Functional Ecology</i> , 2017, 31, 1482-1492.	1.7	11
1449	Organic nitrogen rearranges both structure and activity of the soil-borne microbial seedbank. <i>Scientific Reports</i> , 2017, 7, 42634.	1.6	44
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1451	Influence of environmental features at multiple scales and spatial structure on stream fish communities in a tropical agricultural region. <i>Journal of Freshwater Ecology</i> , 2017, 32, 281-295.	0.5	15
1452	Plant Community and Nitrogen Deposition as Drivers of Alpha and Beta Diversities of Prokaryotes in Reconstructed Oil Sand Soils and Natural Boreal Forest Soils. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	24
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1455	Influence of straw incorporation with and without straw decomposer on soil bacterial community structure and function in a rice-wheat cropping system. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4761-4773.	1.7	70
1456	Fiddler crab (Crustacea: Ocypodidae) distribution and the relationship between habitat occupancy and mouth appendages. <i>Marine Biology Research</i> , 2017, 13, 618-629.	0.3	19
1457	Microbial communities in soil chronosequences with distinct parent material: the effect of soil pH and litter quality. <i>Journal of Ecology</i> , 2017, 105, 1709-1722.	1.9	49
1458	The effect of charcoal production and other land uses on diversity, structure and regeneration of woodlands in a semi-arid area in Kenya. <i>Forest Ecology and Management</i> , 2017, 391, 282-295.	1.4	28
1459	Dietary variability in two common Alaskan skates (<i>Bathyraja interrupta</i> and <i>Raja rhina</i>). <i>Marine Biology</i> , 2017, 164, 1.	0.7	13
1460	Local-scale spatial structure and community composition of orchid mycorrhizal fungi in semi-natural grasslands. <i>Mycorrhiza</i> , 2017, 27, 355-367.	1.3	21
1461	Fine spatial grain, large spatial extent and biogeography of macrophyte-associated cladoceran communities across Neotropical floodplains. <i>Freshwater Biology</i> , 2017, 62, 559-569.	1.2	22
1462	Cover crop-based reduced tillage system influences Carabidae (Coleoptera) activity, diversity and trophic group during transition to organic production. <i>Renewable Agriculture and Food Systems</i> , 2017, 32, 538-551.	0.8	31
1463	Relative influences of environmental and spatial factors on stream fish assemblages in Brazilian Atlantic rainforest. <i>Fisheries Management and Ecology</i> , 2017, 24, 139-145.	1.0	19
1464	Success factors and future prospects of Ponto-Caspian peracarid (Crustacea: Malacostraca) invasions: Is it the worst over?. <i>Biological Invasions</i> , 2017, 19, 1517-1532.	1.2	17
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1466	Key ecosystem attributes and productivity of boreal stands 20 years after the onset of silviculture scenarios of increasing intensity. <i>Forest Ecology and Management</i> , 2017, 389, 404-416.	1.4	14
1467	AN ACTUALISTIC EXPERIMENT TO DETERMINE SKELETONIZATION AND DISARTICULATION IN THE LA BREA TAR SEEPS. <i>Palaios</i> , 2017, 32, 119-124.	0.6	4
1468	Native soil organic matter as a decisive factor to determine the arbuscular mycorrhizal fungal community structure in contaminated soils. <i>Biology and Fertility of Soils</i> , 2017, 53, 327-338.	2.3	25
1469	Environmental control of the microfaunal community structure in tropical bromeliads. <i>Ecology and Evolution</i> , 2017, 7, 1627-1634.	0.8	19
1470	Tropical coral reef coral patterns in Indonesian shallow water areas close to underwater volcanic vents at Minahasa Seashore, and Mahengetang and Gunung Api Islands. <i>Marine Ecology</i> , 2017, 38, e12415.	0.4	6
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1473	Longterm effects of grazing on arbuscular mycorrhizal fungi. <i>Agriculture, Ecosystems and Environment</i> , 2017, 243, 27-33.	2.5	58
1474	Effects of dispersal mode on the environmental and spatial correlates of nestedness and species turnover in pond communities. <i>Oikos</i> , 2017, 126, 1575-1585.	1.2	103
1475	Influence of environmental variables on plankton community composition in permanent and temporal pans in and around Hwange National Park, Zimbabwe. <i>Transactions of the Royal Society of South Africa</i> , 2017, 72, 266-279.	0.8	6
1476	Hydrological heterogeneity rather than water chemistry explains the high plant diversity and uniqueness of a Pyrenean mixed mire. <i>Folia Geobotanica</i> , 2017, 52, 143-160.	0.4	13
1477	Functioning grouped soil microbial communities according to ecosystem type, based on comparison of fallows and meadows in the same region. <i>Science of the Total Environment</i> , 2017, 599-600, 981-991.	3.9	9
1478	The distribution and abundance of reef-associated predatory fishes on the Great Barrier Reef. <i>Coral Reefs</i> , 2017, 36, 829-846.	0.9	21
1479	Cold-seep-like macrofaunal communities in organic- and sulfide-rich sediments of the Congo deep-sea fan. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2017, 142, 180-196.	0.6	24
1480	Toward an easy deployable outdoor parking system " Lessons from long-term deployment. , 2017, , .		4
1481	Five centuries of the Early Holocene forest development and its interactions with palaeoecosystem of small landslide lake in the Beskid Makowski Mountains (Western Carpathians, Poland) " High resolution multi-proxy study. <i>Review of Palaeobotany and Palynology</i> , 2017, 244, 113-127.	0.8	13
1482	Sequential rather than interactive effects of multiple stressors as drivers of phytoplankton community change in a large lake. <i>Freshwater Biology</i> , 2017, 62, 1288-1302.	1.2	9
1483	A proposal for assessing the success of soil bioengineering work by analysing vegetation: results of two case studies in the Italian Alps. <i>Landscape and Ecological Engineering</i> , 2017, 13, 305-318.	0.7	19
1484	Variation in the health and biochemical condition of the coral <i>Acropora tenuis</i> along two water quality gradients on the Great Barrier Reef, Australia. <i>Marine Pollution Bulletin</i> , 2017, 119, 106-119.	2.3	26
1485	Structural and functional responses of leaf-associated fungal communities to chemical pollution in streams. <i>Freshwater Biology</i> , 2017, 62, 1207-1219.	1.2	8
1486	Disentangling multi-scale environmental effects on stream microbial communities. <i>Journal of Biogeography</i> , 2017, 44, 1512-1523.	1.4	34
1487	Identifying functional groups and ecological roles of tropical and subtropical freshwater Cladocera in Asia. <i>Hydrobiologia</i> , 2017, 799, 83-99.	1.0	34
1488	A review of high-mountain acidophilous vegetation in the Iberian Peninsula. <i>Applied Vegetation Science</i> , 2017, 20, 513-526.	0.9	7
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1491	Two orchids, one scent? Floral volatiles of <i>Catasetum cernuum</i> and <i>Gongora bufonia</i> suggest convergent evolution to a unique pollination niche. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2017, 232, 207-216.	0.6	21
1492	Spread of exotic grass in grazed native grass pastures and responses of insect communities. <i>Restoration Ecology</i> , 2017, 25, 539-548.	1.4	10
1493	Hosts, parasites and their interactions respond to different climatic variables. <i>Global Ecology and Biogeography</i> , 2017, 26, 942-951.	2.7	62
1494	Nematode distributions as spatial null models for macroinvertebrate species richness across environmental gradients: A case from mountain lakes. <i>Ecology and Evolution</i> , 2017, 7, 3016-3028.	0.8	12
1495	Constancy despite variability: Local and regional macrofaunal diversity in intertidal seagrass beds. <i>Journal of Sea Research</i> , 2017, 130, 107-122.	0.6	21
1496	Fiber-utilizing capacity varies in <i>Prevotella</i> - versus <i>Bacteroides</i> -dominated gut microbiota. <i>Scientific Reports</i> , 2017, 7, 2594.	1.6	400
1497	Spatiotemporal dynamics of bacterial community composition in large shallow eutrophic Lake Taihu: High overlap between free-living and particle-attached assemblages. <i>Limnology and Oceanography</i> , 2017, 62, 1366-1382.	1.6	101
1498	Characterising and predicting cyanobacterial blooms in an 8-year amplicon sequencing time course. <i>ISME Journal</i> , 2017, 11, 1746-1763.	4.4	97
1499	Vegetation response to invasive <i>Tamarix</i> control in southwestern U.S. rivers: a collaborative study including 416 sites. <i>Ecological Applications</i> , 2017, 27, 1789-1804.	1.8	38
1500	Beta diversity of stream fish assemblages: partitioning variation between spatial and environmental factors. <i>Freshwater Biology</i> , 2017, 62, 1460-1471.	1.2	62
1501	Landscape-scale effects of geomorphological heterogeneity on variability of oak forest structure and composition in a monogenetic volcanic field. <i>Plant Ecology and Diversity</i> , 2017, 10, 167-174.	1.0	3
1502	Archipelago Los Roques: A potential baseline for reef fish assemblages in the southern Caribbean. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2017, 27, 1116-1132.	0.9	3
1503	Dissecting a biodiversity hotspot: The importance of environmentally marginal habitats in the Atlantic Forest Domain of South America. <i>Diversity and Distributions</i> , 2017, 23, 898-909.	1.9	99
1504	Does functional soil microbial diversity contribute to explain within-site plant diversity in an alpine grassland and a <i>dehesa</i> meadow in Spain?. <i>Journal of Vegetation Science</i> , 2017, 28, 1018-1027.	1.1	8
1505	Variation partitioning of benthic diatom community matrices: Effects of multiple variables on benthic diatom communities in an Austral temperate river system. <i>Science of the Total Environment</i> , 2017, 601-602, 73-82.	3.9	48
1506	Factors shaping community assemblages and species co-occurrence of different trophic levels. <i>Ecology and Evolution</i> , 2017, 7, 4745-4754.	0.8	16
1507	Of beta diversity, variance, evenness, and dissimilarity. <i>Ecology and Evolution</i> , 2017, 7, 4835-4843.	0.8	29

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1508	Taxonomic and functional diversity of stream invertebrates along an environmental stress gradient. <i>Ecological Indicators</i> , 2017, 81, 235-242.	2.6	31
1509	Relative roles of spatial processes, natural factors and anthropogenic stressors in structuring a lake macroinvertebrate metacommunity. <i>Science of the Total Environment</i> , 2017, 601-602, 1702-1711.	3.9	60
1510	Biotic responses to multiple aquatic and terrestrial gradients in shallow subarctic lakes (Old Crow) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.9	9
1511	Root-associated fungal communities along a primary succession on a mine spoil: Distinct ecological guilds assemble differently. <i>Soil Biology and Biochemistry</i> , 2017, 113, 143-152.	4.2	46
1512	Linking Landscapes and Metacommunities. , 2017, , 255-271.		0
1513	Contrasting processes drive alpha and beta taxonomic, functional and phylogenetic diversity of orthopteran communities in grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2017, 242, 43-52.	2.5	26
1514	Use of municipal solid wastes for chemical and microbiological recovery of soils contaminated with metal(loid)s. <i>Soil Biology and Biochemistry</i> , 2017, 111, 25-35.	4.2	47
1515	Common and Rare Taxa of Planktonic Ciliates: Influence of Flood Events and Biogeographic Patterns in Neotropical Floodplains. <i>Microbial Ecology</i> , 2017, 74, 522-533.	1.4	14
1516	Learning Landscape Ecology. , 2017, , .		34
1517	Intensified agriculture favors evolved resistance to biological control. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3885-3890.	3.3	95
1518	Contrasting patterns of fine-scale herb layer species composition in temperate forests. <i>Acta Oecologica</i> , 2017, 80, 24-31.	0.5	12
1519	Phytoplankton functional dynamics in a shallow polymictic tropical lake: the influence of emergent macrophytes. <i>Hydrobiologia</i> , 2017, 797, 69-86.	1.0	24
1520	Does the hydrodynamic, morphometric and sedimentary environment explain the structure of soft-bottom benthic assemblages in the Eastern Bay of Seine (English Channel)? <i>Estuarine, Coastal and Shelf Science</i> , 2017, 189, 156-172.	0.9	17
1521	Sediment depth and habitat as predictors of the diversity and composition of sediment bacterial communities in an intertidal estuarine environment. <i>Marine Ecology</i> , 2017, 38, e12411.	0.4	25
1522	Heavy metal contamination in sandy beach macrofauna communities from the Rio de Janeiro coast, Southeastern Brazil. <i>Environmental Pollution</i> , 2017, 221, 116-129.	3.7	32
1523	Ectoparasites of small-mammals: determinants of community structure in South American savannah. <i>Parasitology</i> , 2017, 144, 475-483.	0.7	5
1524	Environmental and spatial controls of taxonomic versus trait composition of stream biota. <i>Freshwater Biology</i> , 2017, 62, 397-413.	1.2	73
1525	Disentangling environmental, spatial, and historical effects on ostracod communities in shallow lakes. <i>Hydrobiologia</i> , 2017, 787, 61-72.	1.0	29

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1526	Metacommunity dynamics of Ostracoda in temporary lakes: Overall strong niche effects except at the onset of the flooding period. <i>Limnologica</i> , 2017, 62, 104-110.	0.7	26
1527	Monitoring spatiotemporal trends in intertidal bedforms of the German Wadden Sea in 2009–2015 with TerraSAR-X, including links with sediments and benthic macrofauna. <i>Geo-Marine Letters</i> , 2017, 37, 79-91.	0.5	6
1528	Riparian integrity affects diet and intestinal length of a generalist fish species. <i>Marine and Freshwater Research</i> , 2017, 68, 1272.	0.7	15
1529	Biogeography of soil Thaumarchaeota in relation to soil depth and land usage. <i>FEMS Microbiology Ecology</i> , 2017, 93, fiw246.	1.3	42
1530	A quantitative framework to estimate the relative importance of environment, spatial variation and patch connectivity in driving community composition. <i>Journal of Animal Ecology</i> , 2017, 86, 316-326.	1.3	14
1531	Analysis of community-level mesocosm data based on ecologically meaningful dissimilarity measures and data transformation. <i>Environmental Toxicology and Chemistry</i> , 2017, 36, 1667-1679.	2.2	11
1532	Determining a More Environmental than Spatial Influence on Structuring Fish Communities and Ecological Boundaries of Fangcheng Coastal Waters, Northern South China Sea. <i>Journal of Coastal Research</i> , 2017, 80, 55-68.	0.1	4
1533	Climate and dispersal influence the structure of leaf fungal endophyte communities of <i>Quercus gambelii</i> in the eastern Great Basin, USA. <i>Fungal Ecology</i> , 2017, 30, 19-28.	0.7	28
1534	Evidence of cross-taxon congruence in Neotropical wetlands: Importance of environmental and spatial factors. <i>Global Ecology and Conservation</i> , 2017, 12, 108-118.	1.0	13
1535	Debris-covered glaciers as habitat for plant and arthropod species: Environmental framework and colonization patterns. <i>Ecological Complexity</i> , 2017, 32, 42-52.	1.4	10
1536	Salvage logging of mountain birch after geometrid outbreaks: Ecological context determines management outcomes. <i>Forest Ecology and Management</i> , 2017, 405, 81-91.	1.4	3
1537	Impact of logging on tree, liana and herb assemblages in a Bornean forest. <i>Journal of Sustainable Forestry</i> , 2017, 36, 806-817.	0.6	7
1538	Soil pH is a major driver of soil diazotrophic community assembly in Qinghai-Tibet Alpine meadows. <i>Soil Biology and Biochemistry</i> , 2017, 115, 547-555.	4.2	132
1539	Management as a driver of functional patterns and alien species prominence in weed communities of irrigated orchards in Mediterranean areas. <i>Agriculture, Ecosystems and Environment</i> , 2017, 249, 247-255.	2.5	16
1540	Grassland management in agricultural vs. forested landscapes drives butterfly and bird diversity. <i>Biological Conservation</i> , 2017, 216, 51-59.	1.9	37
1541	More than euglossines: the diverse pollinators and floral scents of Zygopetalinae orchids. <i>Die Naturwissenschaften</i> , 2017, 104, 92.	0.6	11
1542	Exploring the reservoir of potential fungal plant pathogens in agricultural soil. <i>Applied Soil Ecology</i> , 2017, 121, 152-160.	2.1	44
1543	Vulnerability of boreal indicators (ground-dwelling beetles, understory plants and ectomycorrhizal) Tj ETQq1 1 0.784314 rgBT /Overlook	1.4	18

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1545	The nutritional basis of seasonal selective feeding by a marine herbivorous fish. <i>Marine Biology</i> , 2017, 164, 1.	0.7	14
1546	Sources of Variation in the Gut Microbial Community of <i>Lycaeides melissa</i> Caterpillars. <i>Scientific Reports</i> , 2017, 7, 11335.	1.6	31
1547	Emergent Macrophytes Support Zooplankton in a Shallow Tropical Lake: A Basis for Wetland Conservation. <i>Environmental Management</i> , 2017, 60, 1127-1138.	1.2	24
1548	Periphytic diatom community structure in thermokarst ecosystems of Nunavik (QuÃ©bec, Canada). <i>Arctic Science</i> , 2017, .	0.9	2
1549	Dismantling artificial levees and channel revetments promotes channel widening and regeneration of riparian vegetation over long river segments. <i>Ecological Engineering</i> , 2017, 108, 132-142.	1.6	21
1550	Latest Cretaceous/Paleocene deep-sea ostracode fauna at IODP Site U1407 (western North Atlantic) with special reference to the Cretaceous/Paleogene boundary and the Latest Danian Event. <i>Marine Micropaleontology</i> , 2017, 135, 32-44.	0.5	6
1551	Roadsides: an opportunity for biodiversity conservation. <i>Applied Vegetation Science</i> , 2017, 20, 527-537.	0.9	26
1552	Fen restoration: defining a reference ecosystem using paleoecological stratigraphy and present-day inventories. <i>Botany</i> , 2017, 95, 731-750.	0.5	11
1553	Data pre-treatment and choice of resemblance metric affect how fatty acid profiles depict known dietary origins. <i>Ecological Research</i> , 2017, 32, 757-767.	0.7	23
1554	Rhizobacterial community structure differences among sorghum cultivars in different growth stages and soils. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	143
1555	Biodiversity shortcuts in biomonitoring of novel ecosystems. <i>Ecological Indicators</i> , 2017, 82, 505-512.	2.6	9
1556	Scale-dependent effects of natural environmental gradients, industrial emissions and dispersal processes on zooplankton metacommunity structure: Implications for the bioassessment of boreal lakes. <i>Ecological Indicators</i> , 2017, 82, 484-494.	2.6	12
1557	Historic scale and persistence of drill cuttings impacts on North Sea benthos. <i>Marine Environmental Research</i> , 2017, 129, 219-228.	1.1	37
1558	Taxonomic sufficiency in detecting hydrological changes and reproducing ordination patterns: A test using planktonic ciliates. <i>Ecological Indicators</i> , 2017, 82, 227-232.	2.6	8
1559	Asymmetric response of root-associated fungal communities of an arbuscular mycorrhizal grass and an ectomycorrhizal tree to their coexistence in primary succession. <i>Mycorrhiza</i> , 2017, 27, 775-789.	1.3	18
1560	Variation in the Volatile Profiles of Black and Manchurian Ash in Relation to Emerald Ash Borer Oviposition Preferences. <i>Journal of Chemical Ecology</i> , 2017, 43, 831-842.	0.9	14
1561	Zooplankton Community Profiling in a Eutrophic Freshwater Ecosystem-Lake Tai Basin by DNA Metabarcoding. <i>Scientific Reports</i> , 2017, 7, 1773.	1.6	52

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1563	Floral scent and species divergence in a pair of sexually deceptive orchids. <i>Ecology and Evolution</i> , 2017, 7, 6023-6034.	0.8	19
1564	Examining gradients in ecosystem novelty: fish assemblage structure in an invaded Everglades canal system. <i>Ecosphere</i> , 2017, 8, e01634.	1.0	10
1565	Impacts of late-Holocene climate variability and watershed-lake interactions on diatom communities in Lac Br��, Qu��bec. <i>Ecosphere</i> , 2017, 8, e01886.	1.0	6
1566	Patterns of plant species composition in mesic woodlands are related to a naturally occurring depth-to-groundwater gradient. <i>Community Ecology</i> , 2017, 18, 21-30.	0.5	3
1567	Arthropod communities of laying hen houses: An integrative pilot study toward conservation biocontrol of the poultry red mite <i>Dermanyssus gallinae</i> . <i>Biological Control</i> , 2017, 114, 176-194.	1.4	12
1568	Microplastics alter composition of fungal communities in aquatic ecosystems. <i>Environmental Microbiology</i> , 2017, 19, 4447-4459.	1.8	182
1569	Shared or distinct responses between intermediate and satellite stream fish species in an altered Amazonian River?. <i>Environmental Biology of Fishes</i> , 2017, 100, 1527-1541.	0.4	8
1570	Comparison of taxon-based and trophi-based response patterns of rotifer community to water quality: applicability of the rotifer functional group as an indicator of water quality. <i>Animal Cells and Systems</i> , 2017, 21, 133-140.	0.8	37
1571	Moving beyond <i>de novo</i> clustering in fungal community ecology. <i>New Phytologist</i> , 2017, 216, 629-634.	3.5	17
1572	Remodelling of the gut microbiota by hyperactive NLRP3 induces regulatory T cells to maintain homeostasis. <i>Nature Communications</i> , 2017, 8, 1896.	5.8	147
1573	How do patch quality and spatial context affect invertebrate communities in a natural moss microlandscape?. <i>Acta Oecologica</i> , 2017, 85, 126-135.	0.5	5
1574	La richesse floristique des friches du Parc national de Frontenac. <i>Le Naturaliste Canadien</i> , 2017, 141, 15-23.	0.2	0
1575	Native freshwater species get out of the way: Prussian carp (<i>Carassius gibelio</i>) impacts both fish and benthic invertebrate communities in North America. <i>Royal Society Open Science</i> , 2017, 4, 170400.	1.1	21
1576	Integrating "Big Data" into Aquatic Ecology: Challenges and Opportunities. <i>Limnology and Oceanography Bulletin</i> , 2017, 26, 101-108.	0.2	40
1577	Plant traits determine the phylogenetic structure of arbuscular mycorrhizal fungal communities. <i>Molecular Ecology</i> , 2017, 26, 6948-6959.	2.0	55
1578	Local environment and connectivity are the main drivers of diatom species composition and trait variation in a set of tropical reservoirs. <i>Freshwater Biology</i> , 2017, 62, 1551-1563.	1.2	40
1579	Carabid patterns in olive orchards and woody semi-natural habitats: first implications for conservation biological control against <i>Bactrocera oleae</i> . <i>BioControl</i> , 2017, 62, 71-83.	0.9	22

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1580	Assessing Wild Bee Biodiversity in Cranberry Agroenvironments: Influence of Natural Habitats. <i>Journal of Economic Entomology</i> , 2017, 110, 1424-1432.	0.8	5
1581	Effects of habitat constraints on soil microbial community function. <i>Scientific Reports</i> , 2017, 7, 4280.	1.6	58
1582	Phototrophic plankton of siderotrophic meromictic Lake Kuznechikha (Republic Mari El, Russia). <i>Inland Water Biology</i> , 2017, 10, 158-167.	0.2	5
1583	Revisiting the provenance delineation of a widespread shrub, <i>Frangula alnus</i> —the role of spatial, temporal and environmental patterns. <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	0.6	2
1584	Microbiome Structural and Functional Interactions across Host Dietary Niche Space. <i>Integrative and Comparative Biology</i> , 2017, 57, 743-755.	0.9	30
1585	Litter-dwelling ants as bioindicators to gauge the sustainability of small arboreal monocultures embedded in the Amazonian rainforest. <i>Ecological Indicators</i> , 2017, 82, 43-49.	2.6	18
1586	Patterns of pollinator turnover and increasing diversity associated with urban habitats. <i>Urban Ecosystems</i> , 2017, 20, 1359-1371.	1.1	77
1587	Water depth is a strong driver of intra-lake diatom distributions in a small boreal lake. <i>Journal of Paleolimnology</i> , 2017, 58, 231-241.	0.8	17
1588	Metacommunity structuring in a highly-connected aquatic system: effects of dispersal, abiotic environment and grazing pressure on microalgal guilds. <i>Hydrobiologia</i> , 2017, 790, 125-140.	1.0	37
1589	Fire is a stronger driver of forest composition than logging in the boreal forest of eastern Canada. <i>Journal of Vegetation Science</i> , 2017, 28, 57-68.	1.1	27
1590	Using a Gulf of Mexico Atlantis model to evaluate ecological indicators for sensitivity to fishing mortality and robustness to observation error. <i>Ecological Indicators</i> , 2017, 74, 516-525.	2.6	10
1591	The influence of spatially structured soil properties on tree community assemblages at a landscape scale in the tropical forests of southern Cameroon. <i>Journal of Ecology</i> , 2017, 105, 354-366.	1.9	24
1592	Effect of pesticides and metabolites on groundwater bacterial community. <i>Science of the Total Environment</i> , 2017, 576, 879-887.	3.9	37
1593	Disturbance-mediated heterogeneity drives pollinator diversity in boreal managed forest ecosystems. <i>Ecological Applications</i> , 2017, 27, 589-602.	1.8	26
1594	Gap dynamics of late successional sugar maple—yellow birch forests at their northern range limit. <i>Journal of Vegetation Science</i> , 2017, 28, 368-378.	1.1	13
1595	Conservation by translocation: establishment of Wollemi pine and associated microbial communities in novel environments. <i>Plant and Soil</i> , 2017, 411, 209-225.	1.8	11
1596	Herbivory enhances the diversity of primary producers in pond ecosystems. <i>Ecology</i> , 2017, 98, 48-56.	1.5	12
1597	Highly diverse urban soil communities: Does stochasticity play a major role?. <i>Applied Soil Ecology</i> , 2017, 110, 73-78.	2.1	19

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1599	Environmental factors structuring benthic primary producers at different spatial scales in the St. Lawrence River (Canada). <i>Aquatic Sciences</i> , 2017, 79, 345-356.	0.6	10
1600	Strategies to restore floodplain vegetation after abandonment of human activities. <i>Restoration Ecology</i> , 2017, 25, 82-91.	1.4	44
1601	Structure and distribution of ciliate epibiont communities in a tropical floodplain. <i>Hydrobiologia</i> , 2017, 787, 167-180.	1.0	12
1602	Environmental factors exert predominant effects on testate amoeba metacommunities during droughts in floodplains. <i>Austral Ecology</i> , 2017, 42, 210-217.	0.7	3
1603	More than just a corridor: A suburban river catchment enhances bird functional diversity. <i>Landscape and Urban Planning</i> , 2017, 157, 331-342.	3.4	26
1604	Diversity and Structure of Fungal Communities in Neotropical Rainforest Soils: The Effect of Host Recurrence. <i>Microbial Ecology</i> , 2017, 73, 310-320.	1.4	17
1605	A simulation-based approach to understand how metacommunity characteristics influence emergent biodiversity patterns. <i>Oikos</i> , 2017, 126, 723-737.	1.2	32
1606	Environmental predictability of taxonomic and functional community composition in high-latitude streams. <i>Freshwater Biology</i> , 2017, 62, 1-16.	1.2	25
1607	Community assembly in time and space: the case of Lepidoptera in a <i>Quercus ilex</i> L. savannah-like landscape. <i>Insect Conservation and Diversity</i> , 2017, 10, 21-31.	1.4	17
1608	Distinct zooplankton regime shift patterns across ecoregions of the U.S. Northeast continental shelf Large Marine Ecosystem. <i>Journal of Marine Systems</i> , 2017, 165, 77-91.	0.9	40
1609	Are aquatic assemblages from small water bodies more stochastic in dryer climates? An analysis of ostracod spring metacommunities. <i>Hydrobiologia</i> , 2017, 793, 199-212.	1.0	15
1610	Detecting state changes for ecosystem conservation with long-term monitoring of species composition. <i>Ecological Applications</i> , 2017, 27, 458-468.	1.8	9
1611	Stability of macroinvertebrate communities in a newly formed large reservoir with recurrent impoundment events. <i>Quaternary International</i> , 2017, 440, 71-77.	0.7	1
1612	Metacommunity ecology meets biogeography: effects of geographical region, spatial dynamics and environmental filtering on community structure in aquatic organisms. <i>Oecologia</i> , 2017, 183, 121-137.	0.9	107
1613	Isolation by distance, not rivers, control the distribution of termite species in the Amazonian rain forest. <i>Ecography</i> , 2017, 40, 1242-1250.	2.1	30
1614	Bioaerosols in the Barcelona subway system. <i>Indoor Air</i> , 2017, 27, 564-575.	2.0	45
1615	Spatial and temporal variation of invertebrate community structure in flood-controlled tropical floodplain wetlands. <i>Journal of Freshwater Ecology</i> , 2017, 32, 1-15.	0.5	41

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1619	Habitat structure influences the spider fauna of short-rotation poplar plantations more than forest age. <i>European Journal of Forest Research</i> , 2017, 136, 51-58.	1.1	14
1620	Current velocity shapes coexistence patterns among invasive <i>Dikerogammarus</i> species. <i>Freshwater Biology</i> , 2017, 62, 317-328.	1.2	15
1621	Ecological determinants of Potamogeton taxa in glacial lakes: assemblage composition, species richness, and species-level approach. <i>Aquatic Sciences</i> , 2017, 79, 427-441.	0.6	5
1622	Macroinvertebrate community structure and feeding interactions along a pollution gradient in Gilgel Gibe watershed, Ethiopia: Implications for biomonitoring. <i>Limnologia</i> , 2017, 62, 68-76.	0.7	20
1623	Historical and contemporary correlates of snake biogeographical subregions in the Atlantic Forest hotspot. <i>Journal of Biogeography</i> , 2017, 44, 640-650.	1.4	30
1624	Biological traits of diatoms in the characterization of a reservoir and a stream in a subtropical region. <i>Revista Brasileira De Botanica</i> , 2017, 40, 137-144.	0.5	7
1625	Wireworm in Quebec Field Crops: Specific Community Composition in North America. <i>Environmental Entomology</i> , 2017, 46, 814-825.	0.7	14
1626	Recurrent landslides affect the functional beta diversity of a megadiverse tropical forest. <i>Plant Ecology and Diversity</i> , 2017, 10, 483-493.	1.0	1
1627	Spatial patterns of fish assemblages in the Pearl River, China: environmental correlates. <i>Fundamental and Applied Limnology</i> , 2017, 189, 329-340.	0.4	15
1628	Phylogenetic Diversity of Plant Metacommunity of the Dnieper River Arena Terrace Within the "Dnieper-Orilskiy" Nature Reserve. <i>Ekologia</i> , 2017, 36, 352-365.	0.2	6
1629	Utilizing gradient simulations for quantifying community-level resistance and resilience. <i>Ecosphere</i> , 2017, 8, e01953.	1.0	7
1630	How beta diversity and the underlying causes vary with sampling scales in the Changbai mountain forests. <i>Ecology and Evolution</i> , 2017, 7, 10116-10123.	0.8	15
1631	Spatio-temporal variation in foodscapes modifies deer browsing impact on vegetation. <i>Landscape Ecology</i> , 2017, 32, 2281-2295.	1.9	32
1632	Influence of an oxygen minimum zone and macroalgal enrichment on benthic megafaunal community composition in a NE Pacific submarine canyon. <i>Marine Ecology</i> , 2017, 38, e12481.	0.4	11
1633	Impacts of plant diversity on arthropod communities and plant-herbivore network architecture. <i>Ecosphere</i> , 2017, 8, e01983.	1.0	31

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1636	Species diversity and community structure of zooplankton in threedifferent types of water body within the Sakarya River Basin, Turkey. <i>Turkish Journal of Zoology</i> , 2017, 41, 848-859.	0.4	7
1638	Weed Diversity Affects Soybean and Maize Yield in a Long Term Experiment in Michigan, USA. <i>Frontiers in Plant Science</i> , 2017, 8, 236.	1.7	26
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1640	Interspecific Relationship and Ecological Requirements of Two Potentially Harmful Cyanobacteria in a Deep South-Alpine Lake (L. Iseo, I). <i>Water (Switzerland)</i> , 2017, 9, 993.	1.2	4
1641	Short-Term Impacts of Remeandering Restoration Efforts on Fish Community Structure in a Fourth-Order Stream. <i>Water (Switzerland)</i> , 2017, 9, 546.	1.2	3
1642	Effects of Climate, Limnological Features and Watershed Clearcut Logging on Long-Term Variation in Zooplankton Communities of Boreal Shield Lakes. <i>Water (Switzerland)</i> , 2017, 9, 733.	1.2	8
1643	Benthic invertebrate community structure and biological traits along a flow intermittence gradient in a Mediterranean stream. <i>Fundamental and Applied Limnology</i> , 2017, 190, 117-132.	0.4	3
1644	Riparian Partial Harvesting and Upland Clear Cutting Alter Bird Communities in a Boreal Mixedwood Forest. <i>Forests</i> , 2017, 8, 141.	0.9	3
1645	Shared IgG Infection Signatures vs. Hemorrhage-Restricted IgA Clusters in Human Dengue: A Phenotype of Differential Class-Switch via TGF β 1. <i>Frontiers in Immunology</i> , 2017, 8, 1726.	2.2	6
1646	Mesophotic Depth Gradients Impact Reef Fish Assemblage Composition and Functional Group Partitioning in the Main Hawaiian Islands. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	42
1647	Cold-Water Coral Habitats in Submarine Canyons of the Bay of Biscay. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	40
1648	Elevated Air Humidity Changes Soil Bacterial Community Structure in the Silver Birch Stand. <i>Frontiers in Microbiology</i> , 2017, 8, 557.	1.5	31
1649	Plant Communities Rather than Soil Properties Structure Arbuscular Mycorrhizal Fungal Communities along Primary Succession on a Mine Spoil. <i>Frontiers in Microbiology</i> , 2017, 8, 719.	1.5	71
1650	Response of Methanogenic Microbial Communities to Desiccation Stress in Flooded and Rain-Fed Paddy Soil from Thailand. <i>Frontiers in Microbiology</i> , 2017, 8, 785.	1.5	36
1651	Multigenerational Influences of the Fut2 Gene on the Dynamics of the Gut Microbiota in Mice. <i>Frontiers in Microbiology</i> , 2017, 8, 991.	1.5	20
1652	Long-term Fertilization Structures Bacterial and Archaeal Communities along Soil Depth Gradient in a Paddy Soil. <i>Frontiers in Microbiology</i> , 2017, 8, 1516.	1.5	72

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1653	Shifts in Host Mucosal Innate Immune Function Are Associated with Ruminal Microbial Succession in Supplemental Feeding and Grazing Goats at Different Ages. <i>Frontiers in Microbiology</i> , 2017, 8, 1655.	1.5	19
1654	Patterns and Processes in Marine Microeukaryotic Community Biogeography from Xiamen Coastal Waters and Intertidal Sediments, Southeast China. <i>Frontiers in Microbiology</i> , 2017, 8, 1912.	1.5	108
1655	Shifts in the bacterial community composition along deep soil profiles in monospecific and mixed stands of <i>Eucalyptus grandis</i> and <i>Acacia mangium</i> . <i>PLoS ONE</i> , 2017, 12, e0180371.	1.1	74
1656	Sparse trees and shrubs confers a high biodiversity to pastures: Case study on spiders from Transylvania. <i>PLoS ONE</i> , 2017, 12, e0183465.	1.1	21
1657	Spatial-temporal dynamics of neotropical velvet ant (Hymenoptera: Mutillidae) communities along a forest-savanna gradient. <i>PLoS ONE</i> , 2017, 12, e0187142.	1.1	2
1658	Drivers of metacommunity structure diverge for common and rare Amazonian tree species. <i>PLoS ONE</i> , 2017, 12, e0188300.	1.1	10
1659	Feed efficiency phenotypes in lambs involve changes in ruminal, colonic, and small-intestine-located microbiota. <i>Journal of Animal Science</i> , 2017, 95, 2585-2592.	0.2	92
1660	The abundance and diversity of arbuscular mycorrhizal fungi are linked to the soil chemistry of screes and to slope in the Alpic paleo-endemic <i>Berardia subacaulis</i> . <i>PLoS ONE</i> , 2017, 12, e0171866.	1.1	39
1661	The role of dispersal mode and habitat specialization for metacommunity structure of shallow beach invertebrates. <i>PLoS ONE</i> , 2017, 12, e0172160.	1.1	21
1662	Distribution patterns of epilithic diatoms along climatic, spatial and physicochemical variables in the Baltic Sea. <i>Helgoland Marine Research</i> , 2017, 71, .	1.3	7
1663	The strength of species sorting of phytoplankton communities is temporally variable in subtropical reservoirs. <i>Hydrobiologia</i> , 2017, 800, 31-43.	1.0	23
1664	Multivariate ordination identifies vegetation types associated with spider conservation in brassica crops. <i>PeerJ</i> , 2017, 5, e3795.	0.9	4
1665	Copepod assemblage structure (Crustacea: Copepoda) along a longitudinal environmental gradient in a tropical river-floodplain system, Brazil. <i>Acta Limnologica Brasiliensia</i> , 2017, 29, .	0.4	4
1666	Effects of bromeliad flowering event on the community structuring of aquatic insect larvae associated with phytotelmata of <i>Aechmea distichantha</i> Lem. (Bromeliaceae). <i>Acta Limnologica Brasiliensia</i> , 2017, 29, .	0.4	4
1667	Effects of soil and space on the woody species composition and vegetation structure of three Cerrado phytophysiognomies in the Cerrado-Amazon transition. <i>Brazilian Journal of Biology</i> , 2017, 77, 830-839.	0.4	14
1668	Predictability and selection of hydrologic metrics in riverine ecohydrology. <i>Freshwater Science</i> , 2017, 36, 915-926.	0.9	28
1669	The role of terrestrial bromeliads in determining the spatial organization of plant life forms in a tropical coastal forest. <i>Acta Botanica Brasiliica</i> , 2017, 31, 84-92.	0.8	0
1670	Assessment of cyanoprokaryote blooms and of cyanotoxins in Bulgaria in a 15-years period (2000-2015). <i>Advances in Oceanography and Limnology</i> , 2017, 8, .	0.2	18

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1672	High frequency cropping of pulses modifies soil nitrogen level and the rhizosphere bacterial microbiome in 4-year rotation systems of the semiarid prairie. <i>Applied Soil Ecology</i> , 2018, 126, 47-56.	2.1	43
1673	The same but different: equally megadiverse but taxonomically variant spider communities along an elevational gradient. <i>Acta Oecologica</i> , 2018, 88, 19-28.	0.5	15
1674	Context-dependent interactions and the regulation of species richness in freshwater fish. <i>Nature Communications</i> , 2018, 9, 973.	5.8	14
1675	Thermal regime and host clade, rather than geography, drive Symbiodinium and bacterial assemblages in the scleractinian coral <i>Pocillopora damicornis</i> sensu lato. <i>Microbiome</i> , 2018, 6, 39.	4.9	100
1676	Scaling the chord and Hellinger distances in the range [0,1]: An option to consider. <i>Journal of Asia-Pacific Biodiversity</i> , 2018, 11, 161-166.	0.2	7
1677	Bacterial Communities Inhabiting the Sponge <i>Biemna fortis</i> , Sediment and Water in Marine Lakes and the Open Sea. <i>Microbial Ecology</i> , 2018, 76, 610-624.	1.4	23
1678	Quantitative prediction of shrimp disease incidence via the profiles of gut eukaryotic microbiota. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 3315-3326.	1.7	40
1679	Cover Crop Species and Management Influence Predatory Arthropods and Predation in an Organically Managed, Reduced-Tillage Cropping System. <i>Environmental Entomology</i> , 2018, 47, 340-355.	0.7	24
1680	Complementary crops and landscape features sustain wild bee communities. <i>Ecological Applications</i> , 2018, 28, 1093-1105.	1.8	43
1681	Pyric herbivory, scales of heterogeneity and drought. <i>Functional Ecology</i> , 2018, 32, 1599-1608.	1.7	15
1682	Flowering and floral visitation predict changes in community structure provided that mycorrhizas remain intact. <i>Ecology</i> , 2018, 99, 1480-1489.	1.5	3
1683	Inter and intraspecific variation in fish body size constrains microhabitat use in a subtropical drainage. <i>Environmental Biology of Fishes</i> , 2018, 101, 1205-1217.	0.4	3
1684	Microarthropods influence the composition of rhizospheric fungal communities by stimulating specific taxa. <i>Soil Biology and Biochemistry</i> , 2018, 122, 120-130.	4.2	15
1685	Combined effects of physical environmental conditions and anthropogenic alterations are associated with macrophyte habitat fragmentation in rivers - Study of the Danube in Serbia. <i>Science of the Total Environment</i> , 2018, 634, 780-790.	3.9	8
1686	Asymmetric oceanographic processes mediate connectivity and population genetic structure, as revealed by RADseq, in a highly dispersive marine invertebrate (<i>Parastichopus</i>)	1.0	2
1687	Effects of climate, distance, and a geographic barrier on ectomycorrhizal fungal communities in Japan: A comparison across Blakiston's Line. <i>Fungal Ecology</i> , 2018, 33, 125-133.	0.7	10
1688	Environmental filtering and dispersal as drivers of metacommunity composition: complex spider webs as habitat patches. <i>Ecosphere</i> , 2018, 9, e02101.	1.0	8

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1689	Identifying epibenthic habitats on the Seco de los Olivos Seamount: Species assemblages and environmental characteristics. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018, 135, 9-22.	0.6	46
1690	Evidence for selective bacterial community structuring on microplastics. <i>Environmental Microbiology</i> , 2018, 20, 2796-2808.	1.8	261
1691	Niche differentiation among invasive Ponto-Caspian <i>Chelicorophium</i> species (Crustacea, Amphipoda). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.7	7
1692	Defining soft bottom habitats and potential indicator species as tools for monitoring coastal systems: A case study in a subtropical bay. <i>Ocean and Coastal Management</i> , 2018, 164, 68-78.	2.0	12
1693	Identifying benthic macrofaunal assemblages and indicator taxa of intertidal boulder fields in the south of the Bay of Biscay (northern Basque coast). A framework for future monitoring. <i>Regional Studies in Marine Science</i> , 2018, 20, 13-22.	0.4	5
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1695	Species transfer via topsoil translocation: lessons from two large Mediterranean restoration projects. <i>Restoration Ecology</i> , 2018, 26, S179.	1.4	19
1696	Importance of the study context in community assembly processes: a quantitative synthesis of forest bird communities. <i>Ecosphere</i> , 2018, 9, e02142.	1.0	1
1697	Annual and seasonal dynamics of deep-sea megafaunal epibenthic communities in Barkley Canyon (British Columbia, Canada): A response to climatology, surface productivity and benthic boundary layer variation. <i>Progress in Oceanography</i> , 2018, 169, 89-105.	1.5	39
1698	Microphytoplankton in a tropical oligotrophic estuarine system: spatial variations and tidal cycles. <i>Revista Brasileira De Botanica</i> , 2018, 41, 337-349.	0.5	9
1699	The role of climate, forest fires and human population size in Holocene vegetation dynamics in Fennoscandia. <i>Journal of Vegetation Science</i> , 2018, 29, 382-392.	1.1	24
1700	<i>Schistocephalus solidus</i> parasite prevalence and biomass intensity in threespine stickleback vary by habitat and diet in boreal lakes. <i>Environmental Biology of Fishes</i> , 2018, 101, 501-514.	0.4	2
1701	Contrasting patterns of the bacterial and archaeal communities in a high-elevation river in northwestern China. <i>Journal of Microbiology</i> , 2018, 56, 104-112.	1.3	7
1702	Diatom species variation between lake habitats: implications for interpretation of paleolimnological records. <i>Journal of Paleolimnology</i> , 2018, 60, 169-187.	0.8	23
1703	Comparative analysis of bones, mites, soil chemistry, nematodes and soil micro-eukaryotes from a suspected homicide to estimate the post-mortem interval. <i>Scientific Reports</i> , 2018, 8, 25.	1.6	44
1704	Soil pH rather than nutrients drive changes in microbial community following long-term fertilization in acidic Ultisols of southern China. <i>Journal of Soils and Sediments</i> , 2018, 18, 1853-1864.	1.5	51
1705	Who Is the Rock Miner and Who Is the Hunter? The Use of Heavy-Oxygen Labeled Phosphate (P18O4) to Differentiate between C and P Fluxes in a Benzene-Degrading Consortium. <i>Environmental Science & Technology</i> , 2018, 52, 1773-1786.	4.6	3
1706	The effects of glyphosate, glufosinate, paraquat and paraquat-diquat on soil microbial activity and bacterial, archaeal and nematode diversity. <i>Scientific Reports</i> , 2018, 8, 2119.	1.6	70

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1708	Associations between fish and cold-water coral habitats on the Icelandic shelf. <i>Marine Environmental Research</i> , 2018, 136, 8-15.	1.1	2
1709	The effect of biochar feedstock, pyrolysis temperature, and application rate on the reduction of ammonia volatilisation from biochar-amended soil. <i>Science of the Total Environment</i> , 2018, 627, 942-950.	3.9	105
1710	Long-term directional trajectories among lake crustacean zooplankton communities and water chemistry. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2018, 75, 1926-1939.	0.7	7
1711	Impact of Soil Heterogeneity on Forest Structure and Diversity of Tree Species in the Central Congo Basin. <i>International Journal of Plant Sciences</i> , 2018, 179, 198-208.	0.6	1
1712	Environmental and spatial filters of zooplankton metacommunities in shallow pools in high-elevation peatlands in the tropical Andes. <i>Freshwater Biology</i> , 2018, 63, 432-442.	1.2	4
1713	Vegetation response to restoration management of a blanket bog damaged by drainage and afforestation. <i>Applied Vegetation Science</i> , 2018, 21, 167-178.	0.9	31
1714	Inoculation history affects community composition in experimental freshwater bacterioplankton communities. <i>Environmental Microbiology</i> , 2018, 20, 1120-1133.	1.8	14
1715	Environmental filtering and spatial effects on metacommunity organisation differ among littoral macroinvertebrate groups deconstructed by biological traits. <i>Aquatic Ecology</i> , 2018, 52, 119-131.	0.7	19
1716	Chronic human disturbance affects plant trait distribution in a seasonally dry tropical forest. <i>Environmental Research Letters</i> , 2018, 13, 025005.	2.2	62
1717	The Interactive Effect of Multiple Stressors on Crustacean Zooplankton Communities in Montane Lakes. <i>Water Resources Research</i> , 2018, 54, 939-954.	1.7	7
1718	Factors affecting the metacommunity structure of periphytic ostracods (Crustacea, Ostracoda): a deconstruction approach based on biological traits. <i>Aquatic Sciences</i> , 2018, 80, 1.	0.6	22
1719	Related herbivore species show similar temporal dynamics. <i>Journal of Animal Ecology</i> , 2018, 87, 801-812.	1.3	8
1720	Subfossil chironomid head capsules reveal assemblage differences in permanent and temporary wetlands of south-eastern Australia. <i>Hydrobiologia</i> , 2018, 809, 91-110.	1.0	3
1721	Spider assemblage structure and functional diversity patterns of natural forest steppes and exotic forest plantations. <i>Forest Ecology and Management</i> , 2018, 411, 234-239.	1.4	27
1722	Geoclimatic factors drive diatom community distribution in tropical South American freshwaters. <i>Journal of Ecology</i> , 2018, 106, 1660-1672.	1.9	29
1723	Box-Cox chord transformations for community composition data prior to beta diversity analysis. <i>Ecography</i> , 2018, 41, 1820-1824.	2.1	67
1724	Community structure of photosynthetic picoeukaryotes differs in lakes with different trophic statuses along the middle-lower reaches of the Yangtze River. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	13

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1725	Mitochondrial Mutations in Cholestatic Liver Disease with Biliary Atresia. <i>Scientific Reports</i> , 2018, 8, 905.	1.6	29
1726	Unraveling the performance of the benthic index AMBI in a subtropical bay: The effects of data transformations and exclusion of low-reliability sites. <i>Marine Pollution Bulletin</i> , 2018, 126, 438-448.	2.3	17
1727	Statistical recipe for quantifying microbial functional diversity from EcoPlate metabolic profiling. <i>Ecological Research</i> , 2018, 33, 249-260.	0.7	24
1728	Native species recovery after reduction of an invasive tree by biological control with and without active removal. <i>Ecological Engineering</i> , 2018, 111, 167-175.	1.6	26
1729	Short-Term Changes in Two Tropical Coastal Lagoons: Effects of Sandbar Openings on Fish Assemblages. <i>Journal of Coastal Research</i> , 2018, 341, 90-105.	0.1	14
1730	Variation in grazing management practices supports diverse butterfly communities across grassland working landscapes. <i>Journal of Insect Conservation</i> , 2018, 22, 99-111.	0.8	12
1731	Protistan parasites along oxygen gradients in a seasonally anoxic fjord: A network approach to assessing potential host-parasite interactions. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 156, 97-110.	0.6	28
1732	Functional traits can improve our understanding of niche- and dispersal-based processes. <i>Oecologia</i> , 2018, 186, 783-792.	0.9	16
1733	Beneficial changes in rumen bacterial community profile in sheep and dairy calves as a result of feeding the probiotic <i>Bacillus amyloliquefaciens</i> H57. <i>Journal of Applied Microbiology</i> , 2018, 124, 855-866.	1.4	34
1734	Prokaryote composition and predicted metagenomic content of two <i>Cinachyrella</i> Morphospecies and water from West Papuan Marine Lakes. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	32
1735	Molecular Chemodiversity of Dissolved Organic Matter in Paddy Soils. <i>Environmental Science & Technology</i> , 2018, 52, 963-971.	4.6	160
1736	Cumulative ecological effects of a Neotropical reservoir cascade across multiple assemblages. <i>Hydrobiologia</i> , 2018, 819, 77-91.	1.0	47
1737	Seasonal and algal diet-driven patterns of the digestive microbiota of the European abalone <i>Haliotis tuberculata</i> , a generalist marine herbivore. <i>Microbiome</i> , 2018, 6, 60.	4.9	50
1738	Drivers of temporal beta diversity of a benthic community in a seasonally hypoxic fjord. <i>Royal Society Open Science</i> , 2018, 5, 172284.	1.1	20
1739	Insights into Flood Coping Appraisals of Protection Motivation Theory: Empirical Evidence from Germany and France. <i>Risk Analysis</i> , 2018, 38, 1239-1257.	1.5	121
1740	Community assembly and the sustainability of habitat offsetting targets in the first compensation lake in the oil sands region in Alberta, Canada. <i>Biological Conservation</i> , 2018, 219, 138-146.	1.9	4
1741	Oribatid mite recovery along a chronosequence of afforested boreal sites following oil sands mining. <i>Forest Ecology and Management</i> , 2018, 422, 281-293.	1.4	17
1742	Disentangling the processes driving the biogeography of freshwater diatoms: A multiscale approach. <i>Journal of Biogeography</i> , 2018, 45, 1582-1592.	1.4	27

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1743	Multiscale patterns and drivers of arbuscular mycorrhizal fungal communities in the roots and root-associated soil of a wild perennial herb. <i>New Phytologist</i> , 2018, 220, 1248-1261.	3.5	48
1744	Structuring forces and β -diversity of benthic diatom metacommunities in soda pans of the Carpathian Basin. <i>European Journal of Phycology</i> , 2018, 53, 219-229.	0.9	8
1745	Influence of agricultural intensification on prey availability and nestling diet in Tree Swallows (<i>Tachycineta bicolor</i>). <i>Canadian Journal of Zoology</i> , 2018, 96, 1053-1065.	0.4	26
1746	Automatic specimen identification of Harpacticoids (Crustacea:Copepoda) using Random Forest and MALDI-TOF mass spectra, including a post hoc test for false positive discovery. <i>Methods in Ecology and Evolution</i> , 2018, 9, 1421-1434.	2.2	22
1747	Functional diversity of ectomycorrhizal fungal communities is reduced by trace element contamination. <i>Soil Biology and Biochemistry</i> , 2018, 121, 202-211.	4.2	17
1748	Prokaryoplankton and phytoplankton community compositions in five large deep perialpine lakes. <i>Hydrobiologia</i> , 2018, 824, 71-92.	1.0	12
1749	Lifelong calorie restriction affects indicators of colonic health in aging C57Bl/6J mice. <i>Journal of Nutritional Biochemistry</i> , 2018, 56, 152-164.	1.9	24
1750	Emerging contaminants and nutrients synergistically affect the spread of class 1 integron-integrase (<i>intI1</i>) and <i>sul1</i> genes within stable streambed bacterial communities. <i>Water Research</i> , 2018, 138, 77-85.	5.3	82
1751	Promotion of <i>Lotus tenuis</i> in the Flooding Pampa (Argentina) increases the soil fungal diversity. <i>Fungal Ecology</i> , 2018, 33, 80-91.	0.7	10
1752	Water masses and oceanic eddy regulation of larval fish assemblages along the Cape Verde Frontal Zone. <i>Journal of Marine Systems</i> , 2018, 183, 42-55.	0.9	15
1753	Different species trait groups of stream diatoms show divergent responses to spatial and environmental factors in a subarctic drainage basin. <i>Hydrobiologia</i> , 2018, 816, 213-230.	1.0	16
1754	Effects of <i>Paenibacillus polymyxa</i> inoculation on below-ground nematode communities and plant growth. <i>Soil Biology and Biochemistry</i> , 2018, 121, 1-7.	4.2	7
1755	A heritable symbiont and host-associated factors shape fungal endophyte communities across spatial scales. <i>Journal of Ecology</i> , 2018, 106, 2274-2286.	1.9	19
1756	Regional and local determinants of macrophyte community compositions in high-latitude lakes of Finland. <i>Hydrobiologia</i> , 2018, 812, 99-114.	1.0	20
1757	Compositional analysis of bacterial communities in seawater, sediment, and sponges in the Misool coral reef system, Indonesia. <i>Marine Biodiversity</i> , 2018, 48, 1889-1901.	0.3	32
1758	Late Holocene Marshall Islands Archaeological Tuna Records Provide Proxy Evidence for ENSO Variability in the Western and Central Pacific Ocean. <i>Journal of Island and Coastal Archaeology</i> , 2018, 13, 531-562.	0.6	13
1759	Green tides on inter- and subtidal sandy shores: differential impacts on infauna and flatfish. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2018, 98, 699-712.	0.4	11
1760	Lack of floristic identity in campos rupestres – A hyperdiverse mosaic of rocky montane savannas in South America. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2018, 238, 24-31.	0.6	43

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1761	Long-term fertilizer regimes have both direct and indirect effects on arthropod community composition and feeding guilds. <i>Journal of Applied Entomology</i> , 2018, 142, 230-240.	0.8	11
1762	Refining the palaeoecology of lacustrine testate amoebae: insights from a plant macrofossil record from a eutrophic Scottish lake. <i>Journal of Paleolimnology</i> , 2018, 60, 189-207.	0.8	16
1763	Rotenone treatment has a short-term effect on New Zealand stream macroinvertebrate communities. <i>New Zealand Journal of Marine and Freshwater Research</i> , 2018, 52, 42-54.	0.8	10
1764	Namib Desert Soil Microbial Community Diversity, Assembly, and Function Along a Natural Xeric Gradient. <i>Microbial Ecology</i> , 2018, 75, 193-203.	1.4	60
1765	Local and regional effects structuring aquatic insect assemblages at multiple spatial scales in a Mainland-Island region of the Atlantic Forest. <i>Hydrobiologia</i> , 2018, 805, 61-73.	1.0	10
1766	Does isolation influence the relative role of environmental and dispersal-related processes in stream networks? An empirical test of the network position hypothesis using multiple taxa. <i>Freshwater Biology</i> , 2018, 63, 74-85.	1.2	96
1767	Assessing the ecological effects of water stress and pollution in a temporary river - Implications for water management. <i>Science of the Total Environment</i> , 2018, 618, 1591-1604.	3.9	53
1768	Soil bacterial community mediates the effect of plant material on methanogenic decomposition of soil organic matter. <i>Soil Biology and Biochemistry</i> , 2018, 116, 99-109.	4.2	37
1769	The conservation status of African vertebrates is unrelated to environmental and spatial patterns in their geographic ranges. <i>Biodiversity and Conservation</i> , 2018, 27, 567-582.	1.2	0
1770	Riverine phytoplankton shifting along a lentic-lotic continuum under hydrological, physiochemical conditions and species dispersal. <i>Science of the Total Environment</i> , 2018, 619-620, 1628-1636.	3.9	40
1771	Uniqueness of sampling site contributions to the total variance of macroinvertebrate communities in the Lower Mekong Basin. <i>Ecological Indicators</i> , 2018, 84, 425-432.	2.6	22
1772	Facultative root-colonizing fungi dominate endophytic assemblages in roots of nonmycorrhizal <i>Microthlaspi</i> species. <i>New Phytologist</i> , 2018, 217, 1190-1202.	3.5	70
1773	Spatio-temporal models to determine association between <i>Campylobacter</i> cases and environment. <i>International Journal of Epidemiology</i> , 2018, 47, 202-216.	0.9	5
1774	Testate amoebae as functionally significant bioindicators in forest-to-bog restoration. <i>Ecological Indicators</i> , 2018, 84, 274-282.	2.6	27
1775	Low-head dams facilitate Round Goby <i>Neogobius melanostomus</i> invasion. <i>Biological Invasions</i> , 2018, 20, 757-776.	1.2	19
1776	Assessing the effect of mercury pollution on cultured benthic foraminifera community using morphological and eDNA metabarcoding approaches. <i>Marine Pollution Bulletin</i> , 2018, 129, 512-524.	2.3	42
1777	Testing the keystone community concept: effects of landscape, patch removal, and environment on metacommunity structure. <i>Ecology</i> , 2018, 99, 57-67.	1.5	11
1778	Founder effects determine the genetic structure of the water flea <i>Daphnia</i> in Ethiopian reservoirs. <i>Limnology and Oceanography</i> , 2018, 63, 915-926.	1.6	11

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1779	Characteristics of modern biotic data and their relationship to vegetation of the Alpine zone of Chopta valley, North Sikkim, India: Implications for palaeovegetation reconstruction. <i>Holocene</i> , 2018, 28, 363-376.	0.9	13
1780	Long-term (1998 vs. 2010) large-scale comparison of soft-bottom benthic macrofauna composition in the Gulf of Lions, NW Mediterranean Sea. <i>Journal of Sea Research</i> , 2018, 131, 32-45.	0.6	12
1781	Large woody debris "rewilding" rapidly restores biodiversity in riverine food webs. <i>Journal of Applied Ecology</i> , 2018, 55, 895-904.	1.9	54
1782	Recent changes in the plant composition of wetlands in the Jura Mountains. <i>Applied Vegetation Science</i> , 2018, 21, 121-131.	0.9	15
1783	Influence of industrial activity and pollution on the paleoclimate reconstruction from a eutrophic lake in lowland England, UK. <i>Journal of Paleolimnology</i> , 2018, 59, 397-410.	0.8	2
1784	Diversity and Cyclical Seasonal Transitions in the Bacterial Community in a Large and Deep Perialpine Lake. <i>Microbial Ecology</i> , 2018, 76, 125-143.	1.4	81
1785	Volatile-mediated suppression of plant pathogens is related to soil properties and microbial community composition. <i>Soil Biology and Biochemistry</i> , 2018, 117, 164-174.	4.2	50
1786	Weed species composition of small-scale farmlands bears a strong crop-related and environmental signature. <i>Weed Research</i> , 2018, 58, 46-56.	0.8	17
1787	Ecological selection of siderophore-producing microbial taxa in response to heavy metal contamination. <i>Ecology Letters</i> , 2018, 21, 117-127.	3.0	97
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1790	Testing the ecoacoustics event detection and identification (EEDI) approach on Mediterranean soundscapes. <i>Ecological Indicators</i> , 2018, 85, 698-715.	2.6	25
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1792	Resource availability underlies the plant-fungal diversity relationship in a grassland ecosystem. <i>Ecology</i> , 2018, 99, 204-216.	1.5	91
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1799	Co-Variation of Bacterial and Fungal Communities in Different Sorghum Cultivars and Growth Stages is Soil Dependent. <i>Microbial Ecology</i> , 2018, 76, 205-214.	1.4	46
1800	Free-living chemoautotrophic and particle-attached heterotrophic prokaryotes dominate microbial assemblages along a pelagic redox gradient. <i>Environmental Microbiology</i> , 2018, 20, 693-712.	1.8	46
1801	Predictors of Arbuscular Mycorrhizal Fungal Communities in the Brazilian Tropical Dry Forest. <i>Microbial Ecology</i> , 2018, 75, 447-458.	1.4	22
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1806	Epifaunal diversity patterns within and among seagrass meadows suggest landscape-scale biodiversity processes. <i>Ecosphere</i> , 2018, 9, e02490.	1.0	28
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1808	A Common Yardstick to Measure the Effects of Different Extreme Climatic Events on Soil Arthropod Community Composition Using Time-Series Data. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	4
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1810	Diatom assemblages (Bacillariophyta) in six tropical reservoirs from southeast Brazil: species composition and spatial and temporal variation patterns. <i>Acta Limnologica Brasiliensia</i> , 2018, 30, .	0.4	4
1811	Similar recovery time of microbial functions from fungicide stress across biogeographical regions. <i>Scientific Reports</i> , 2018, 8, 17021.	1.6	4
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1817	An 11,000-yr record of diatom assemblage responses to climate and terrestrial vegetation changes, southwestern Québec. <i>Ecosphere</i> , 2018, 9, e02505.	1.0	6
1818	How to coexist with the "killer shrimp" <i>Dikerogammarus villosus</i> ? Lessons from other invasive Ponto-Caspian peracarids. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2018, 28, 1441-1450.	0.9	15
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1827	New Zealand's plot-based classification of vegetation. <i>Phytocoenologia</i> , 2018, 48, 153-161.	1.2	11
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1835	Decadal effects of thinning on understory light environments and plant community structure in a subtropical forest. Ecosphere, 2018, 9, e02464.	1.0	24
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1849	Foliar fungal endophyte communities are structured by environment but not host ecotype in <i>Panicum virgatum</i> (switchgrass). Ecology, 2018, 99, 2703-2711.	1.5	59
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1856	Salmonella spp. transmission in a vertically integrated poultry operation: Clustering and diversity analysis using phenotyping (serotyping, phage typing) and genotyping (MLVA). <i>PLoS ONE</i> , 2018, 13, e0201031.	1.1	19
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1858	Constant abundances of ubiquitous uncultured protists in the open sea assessed by automated microscopy. <i>Environmental Microbiology</i> , 2018, 20, 3876-3889.	1.8	19
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1866	Community patterns and environmental drivers in hyperdiverse kwongan scrub vegetation of Western Australia. <i>Applied Vegetation Science</i> , 2018, 21, 694-722.	0.9	17
1867	Using paleoecology to improve reference conditions for ecosystem-based management in western spruce-moss subdomain of Québec. <i>Forest Ecology and Management</i> , 2018, 430, 157-165.	1.4	30
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1873	Management practices may lead to loss of arbuscular mycorrhizal fungal diversity in protected areas of the Brazilian Atlantic Forest. <i>Fungal Ecology</i> , 2018, 34, 50-58.	0.7	17
1874	Long-term regeneration of a tropical plant community after sand mining. <i>Ecology and Evolution</i> , 2018, 8, 5712-5723.	0.8	8
1875	Relative roles of environmental and spatial constraints in assemblages of Chironomidae (Diptera) in Amazonian floodplain streams. <i>Hydrobiologia</i> , 2018, 820, 201-213.	1.0	12
1876	In situ relationships between microbiota and potential pathobiota in <i>Arabidopsis thaliana</i> . <i>ISME Journal</i> , 2018, 12, 2024-2038.	4.4	73
1877	Springtail community structure is influenced by functional traits but not biogeographic origin of leaf litter in soils of novel forest ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180647.	1.2	10
1878	Decoupling of topsoil and subsoil controls on organic matter dynamics in the Swiss Alps. <i>Geoderma</i> , 2018, 330, 41-51.	2.3	41
1879	Spatial heterogeneity of spring phytoplankton in a large tropical reservoir: could mass effect homogenize the heterogeneity by species sorting?. <i>Hydrobiologia</i> , 2018, 819, 109-122.	1.0	14
1880	Exclusion of small mammals and lagomorphs invasion interact with human-trampling to drive changes in topsoil microbial community structure and function in semiarid Chile. <i>Soil Biology and Biochemistry</i> , 2018, 124, 1-10.	4.2	3
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1883	Investigating heavy metal bioaccumulation by macrofauna species from different feeding guilds from sandy beaches in Rio de Janeiro, Brazil. <i>Ecotoxicology and Environmental Safety</i> , 2018, 162, 655-662.	2.9	17
1884	Functional diversity and redundancy of freshwater fish communities across biogeographic and environmental gradients. <i>Diversity and Distributions</i> , 2018, 24, 1612-1626.	1.9	23
1885	The effect of abandonment on vegetation composition and soil properties in Molinion meadows (SW Tj ETQq0 0 0 rgBT /Overlock 10 Tt	1.1	31
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1890	Nativity and seed dispersal mode influence species' responses to habitat connectivity and urban environments. <i>Global Ecology and Biogeography</i> , 2018, 27, 1017-1030.	2.7	11
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1892	Local context and connectivity determine the response of zooplankton communities to salt contamination. <i>Freshwater Biology</i> , 2018, 63, 1273-1286.	1.2	24
1893	Aquatic community structure in Mediterranean edge-of-field waterbodies as explained by environmental factors and the presence of pesticide mixtures. <i>Ecotoxicology</i> , 2018, 27, 661-674.	1.1	8
1894	Temporal and spatial dynamics in aquatic macroinvertebrate communities along a small urban stream. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	7
1895	Maize-dominated crop sequences in northern Germany: Reaction of the weed species communities. <i>Applied Vegetation Science</i> , 2018, 21, 431-441.	0.9	12
1896	Response of ants to human-altered habitats with reference to seed dispersal of the myrmecochore <i>Corydalis giraldii</i> Fedde (Papaveraceae). <i>Nordic Journal of Botany</i> , 2018, 36, e01882.	0.2	1
1897	Summer assessment of zooplankton biodiversity and environmental control in urban waterbodies on the Island of Montr�al. <i>Ecosphere</i> , 2018, 9, e02277.	1.0	22
1898	Phytoplankton response to a weak El Ni�o event. <i>Ecological Indicators</i> , 2018, 95, 394-404.	2.6	19
1899	Activation of the salicylic acid signalling pathway in wheat had no significant short-term impact on the diversity of root-associated microbiomes. <i>Pedobiologia</i> , 2018, 70, 6-11.	0.5	10
1900	A meta-analysis reveals universal gut bacterial signatures for diagnosing the incidence of shrimp disease. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	33
1901	Associations between Macrophyte Life Forms and Environmental and Morphometric Factors in a Large Sub-tropical Floodplain. <i>Frontiers in Plant Science</i> , 2018, 9, 195.	1.7	43
1902	Abundance and diversity of the faecal resistome in slaughter pigs and broilers in nine European countries. <i>Nature Microbiology</i> , 2018, 3, 898-908.	5.9	230
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1904	Effects of organic carbon addition on water quality and phytoplankton assemblages in biofloc technology ponds. <i>Aquaculture</i> , 2018, 497, 155-163.	1.7	11

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1906	Forest seedling community response to understorey filtering by tree ferns. <i>Journal of Vegetation Science</i> , 2018, 29, 887-897.	1.1	5
1907	Tropical stream diatom communities – The importance of headwater streams for regional diversity. <i>Ecological Indicators</i> , 2018, 95, 183-193.	2.6	19
1908	Cross-Shore Environmental Gradients in the Western Mediterranean Coast and Their Influence on Nearshore Phytoplankton Communities. <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	7
1909	Effects of Sample Fixation on Specimen Identification in Biodiversity Assemblies Based on Proteomic Data (MALDI-TOF). <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	16
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1913	Multivariate analyses document host specificity, differences in the diatom metaphyton vs. epiphyton, and seasonality that structure the epiphytic diatom community. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 213, 314-330.	0.9	4
1914	Temperature Effects Explain Continental Scale Distribution of Cyanobacterial Toxins. <i>Toxins</i> , 2018, 10, 156.	1.5	159
1915	Ecosystemic Assessment of Surface Water Quality in the Virilla River: Towards Sanitation Processes in Costa Rica. <i>Water (Switzerland)</i> , 2018, 10, 845.	1.2	18
1916	Bird and mammal use of vernal pools along an urban development gradient. <i>Urban Ecosystems</i> , 2018, 21, 1029-1041.	1.1	9
1917	Macrophyte functional groups elucidate the relative role of environmental and spatial factors on species richness and assemblage structure. <i>Hydrobiologia</i> , 2018, 823, 217-230.	1.0	22
1918	Combining aggregated and dispersed tree retention harvesting for conservation of vascular plant communities. <i>Ecological Applications</i> , 2018, 28, 1830-1840.	1.8	21
1919	Variation in the composition and diversity of ground-layer herbs and shrubs in unburnt and burnt landscapes. <i>Journal of Tropical Ecology</i> , 2018, 34, 243-256.	0.5	0
1920	Diversity of root-knot nematodes of the genus <i>Meloidogyne</i> GÄ¶eldi, 1892 (Nematoda: Meloidogynidae) associated with olive plants and environmental cues regarding their distribution in southern Spain. <i>PLoS ONE</i> , 2018, 13, e0198236.	1.1	33
1921	Stool Microbiota Composition Differs in Patients with Stomach, Colon, and Rectal Neoplasms. <i>Digestive Diseases and Sciences</i> , 2018, 63, 2950-2958.	1.1	65
1922	Small-scale agricultural landscapes promote spider and ground beetle densities by offering suitable overwintering sites. <i>Landscape Ecology</i> , 2018, 33, 1435-1446.	1.9	49

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1924	Chronic deer browsing leads to biotic homogenization of minerotrophic peatlands. <i>Botany</i> , 2018, 96, 499-509.	0.5	5
1925	Reduced microbiome alpha diversity in young patients with ADHD. <i>PLoS ONE</i> , 2018, 13, e0200728.	1.1	178
1926	Native coffee agroforestry in the Western Ghats of India maintains higher carbon storage and tree diversity compared to exotic agroforestry. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 461-469.	2.5	36
1927	Sediment granulometry and salinity drive spatial and seasonal variability of an estuarine demersal fish assemblage dominated by juvenile fish. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 212, 241-252.	0.9	6
1928	The role of diatom resting spores in pelagic-benthic coupling in the Southern Ocean. <i>Biogeosciences</i> , 2018, 15, 3071-3084.	1.3	13
1929	Fungal networks and orchid distribution: new insights from above- and below-ground analyses of fungal communities. <i>IMA Fungus</i> , 2018, 9, 1-11.	1.7	26
1930	Effects of Ceftiofur and Chlortetracycline on the Resistomes of Feedlot Cattle. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	50
1931	Vascular plant and bryophyte species richness in response to water quality in lowland spring niches with different anthropogenic impacts. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 338.	1.3	15
1932	Progressively excluding mammals of different body size affects community and trait structure of ground beetles. <i>Oikos</i> , 2018, 127, 1515-1525.	1.2	8
1933	Assessing structural and functional indicators of soil nitrogen availability in reclaimed forest ecosystems using ¹⁵ N-labelled aspen litter. <i>Canadian Journal of Soil Science</i> , 2018, 98, 357-368.	0.5	5
1934	Nestedness patterns and the role of morphodynamics and spatial distance on sandy beach fauna: ecological hypotheses and conservation strategies. <i>Scientific Reports</i> , 2018, 8, 3759.	1.6	18
1935	Interactions among predators and plant specificity protect herbivores from top predators. <i>Ecology</i> , 2018, 99, 1602-1609.	1.5	13
1936	Preen oil chemical composition encodes individuality, seasonal variation and kinship in black kites <i>Milvus migrans</i> . <i>Journal of Avian Biology</i> , 2018, 49, e01728.	0.6	15
1937	Environmental triggers of a <i>Microcystis</i> (Cyanophyceae) bloom in an artificial lagoon of Hangzhou Bay, China. <i>Marine Pollution Bulletin</i> , 2018, 135, 776-782.	2.3	16
1938	Diversity and Pollen Loads of Flower Flies (Diptera: Syrphidae) in Cranberry Crops. <i>Annals of the Entomological Society of America</i> , 2018, 111, 326-334.	1.3	16
1939	NGS barcoding reveals high resistance of a hyperdiverse chironomid (Diptera) swamp fauna against invasion from adjacent freshwater reservoirs. <i>Frontiers in Zoology</i> , 2018, 15, 31.	0.9	26
1940	A Comparative Study of Serum Biochemistry, Metabolome and Microbiome Parameters of Clinically Healthy, Normal Weight, Overweight, and Obese Companion Dogs. <i>Topics in Companion Animal Medicine</i> , 2018, 33, 126-135.	0.4	58

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1942	Assessing the single-tree and small group selection cutting system as intermediate disturbance to promote regeneration and diversity in temperate mixedwood stands. <i>Forest Ecology and Management</i> , 2018, 430, 21-32.	1.4	34
1943	Forest restoration after severe degradation by coal mining: lessons from the first years of monitoring. <i>Revista Brasileira De Botanica</i> , 2018, 41, 653-664.	0.5	12
1944	The transition from arable lands to rubber tree plantations in northern Thailand impacts weed assemblages and soil physical properties. <i>Soil Use and Management</i> , 2018, 34, 404-417.	2.6	7
1945	Interactive effects of dissolved nitrogen, phosphorus and litter chemistry on stream fungal decomposers. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	19
1946	Dynamics of the bacterial community in a channel catfish nursery pond with a cage pond integration system. <i>Canadian Journal of Microbiology</i> , 2018, 64, 954-967.	0.8	3
1947	Spontaneous revegetation of a peatland in Manitoba after peat extraction: diversity of plant assemblages and restoration perspectives. <i>Botany</i> , 2018, 96, 779-791.	0.5	8
1948	Successional change of testate amoeba assemblages along a space-for-time sequence of peatland development. <i>European Journal of Protistology</i> , 2018, 66, 36-47.	0.5	6
1949	High resistance towards herbivore-induced habitat change in a high Arctic arthropod community. <i>Biology Letters</i> , 2018, 14, 20180054.	1.0	13
1950	Spatial and temporal distribution of submerged aquatic vegetation in a tropical coastal lagoon habitat in Viet Nam. <i>Botanica Marina</i> , 2018, 61, 213-224.	0.6	8
1951	Invertebrate assemblages of hanging and container litter on conifer trees. <i>Journal of Forest Research</i> , 2018, 23, 221-227.	0.7	0
1952	Environment and host as large-scale controls of ectomycorrhizal fungi. <i>Nature</i> , 2018, 558, 243-248.	13.7	282
1953	Geography and island geomorphology shape fish assemblage structure on isolated coral reef systems. <i>Ecology and Evolution</i> , 2018, 8, 6242-6252.	0.8	10
1954	The relationship between observational scale and explained variance in benthic communities. <i>PLoS ONE</i> , 2018, 13, e0189313.	1.1	6
1955	Associations between sexual habits, menstrual hygiene practices, demographics and the vaginal microbiome as revealed by Bayesian network analysis. <i>PLoS ONE</i> , 2018, 13, e0191625.	1.1	92
1956	Co-occurrence Network Reveals the Higher Fragmentation of the Bacterial Community in Kaidu River Than Its Tributaries in Northwestern China. <i>Microbes and Environments</i> , 2018, 33, 127-134.	0.7	22
1957	The seasonal dynamics of plankton communities relative to the foraging of the southern right whale (<i>Eubalaena australis</i>) in northern Patagonian gulfs, Península Valdés, Argentina. <i>Continental Shelf Research</i> , 2018, 164, 45-57.	0.9	17
1958	Comparative genomics of quinolone-resistant and susceptible <i>Campylobacter jejuni</i> of poultry origin from major poultry producing European countries (GENCAMP). <i>EFSA Supporting Publications</i> , 2018, 15, 1398E.	0.3	11

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1959	Plant diversity and composition of rice field bunds in Southeast Asia. <i>Paddy and Water Environment</i> , 2018, 16, 359-378.	1.0	9
1960	A metacommunity ecological approach to understanding the community organization of fish in artificial ponds of the Mamoré River floodplain in the Amazonian lowlands of Bolivia. <i>Environmental Biology of Fishes</i> , 2018, 101, 1329-1341.	0.4	3
1961	Long-term hay meadow management maintains the target community despite local-scale species turnover. <i>Folia Geobotanica</i> , 2018, 53, 159-173.	0.4	4
1962	Bacterial and archaeal communities inhabiting mussels, sediment and water in Indonesian anchialine lakes. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 237-257.	0.7	14
1963	Mesozooplankton distribution, especially copepods, according to water masses dynamics in the upper layer of the Southwestern Atlantic shelf (26°S to 29°S). <i>Continental Shelf Research</i> , 2018, 166, 10-21.	0.9	10
1964	Red-backed fairywrens adjust habitat use in response to dry season fires. <i>Austral Ecology</i> , 2018, 43, 876-889.	0.7	10
1965	Spatial patterns in sub-Arctic benthos: multiscale analysis reveals structural differences between community components. <i>Ecological Monographs</i> , 2019, 89, e01325.	2.4	18
1966	Depth as an overarching environmental variable modulating preservation potential and temporal resolution of shelly taphofacies. <i>Lethaia</i> , 2019, 52, 44-56.	0.6	10
1967	Principal Components Analysis. , 2019, , 566-573.		8
1968	Distinct responses of Copepoda and Cladocera diversity to climatic, environmental, and geographic filters in the La Plata River basin. <i>Hydrobiologia</i> , 2019, 826, 113-127.	1.0	18
1969	A comprehensive examination of the network position hypothesis across multiple river metacommunities. <i>Ecography</i> , 2019, 42, 284-294.	2.1	54
1970	Land use shapes the resistance of the soil microbial community and the C cycling response to drought in a semi-arid area. <i>Science of the Total Environment</i> , 2019, 648, 1018-1030.	3.9	20
1971	Harvesting surface vegetation does not impede self-recovery of <i>Sphagnum</i> peatlands. <i>Restoration Ecology</i> , 2019, 27, 178-188.	1.4	6
1972	The Community Structure of Picophytoplankton in Lake Fuxian, a Deep and Oligotrophic Mountain Lake. <i>Frontiers in Microbiology</i> , 2019, 10, 2016.	1.5	8
1973	Understanding and protecting forest biodiversity in relation to species and local contributions to beta diversity. <i>European Journal of Forest Research</i> , 2019, 138, 1005-1013.	1.1	12
1974	Oribatid mites reveal that competition for resources and trophic structure combine to regulate the assembly of diverse soil animal communities. <i>Ecology and Evolution</i> , 2019, 9, 8320-8330.	0.8	23
1975	Reproductive phenology of submerged macrophytes: A tracker of year-to-year environmental variations. <i>Journal of Vegetation Science</i> , 2019, 30, 1217-1227.	1.1	4
1976	Exploratory Visual Inspection of Category Associations and Correlation Estimation in Multidimensional Subspaces. <i>Journal of Classification</i> , 2019, 36, 177-199.	1.2	11

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1977	A Mosaic of Estuarine Habitat Types with Prey Resources from Multiple Environmental Strata Supports a Diversified Foraging Portfolio for Juvenile Chinook Salmon. <i>Estuaries and Coasts</i> , 2019, 42, 1938-1954.	1.0	9
1978	The rock-face vegetation in the northern Apennines and neighbouring mountain areas, from the coast line to the highest summits. <i>Phytocoenologia</i> , 2019, 49, 7-70.	1.2	12
1979	Metataxonomic analyses reveal differences in aquifer bacterial community as a function of creosote contamination and its potential for contaminant remediation. <i>Scientific Reports</i> , 2019, 9, 11731.	1.6	13
1980	Microdiversity ensures the maintenance of functional microbial communities under changing environmental conditions. <i>ISME Journal</i> , 2019, 13, 2969-2983.	4.4	121
1981	Native American Land-Use Impacts on a Temperate Forested Ecosystem, West Central New York State. <i>Annals of the American Association of Geographers</i> , 2019, 109, 1706-1728.	1.5	6
1982	Structure and diversity of the <i>Araucaria</i> forest in southern Brazil: biotic homogenisation hinders the recognition of floristic assemblages related to altitude. <i>Southern Forests</i> , 2019, 81, 297-305.	0.2	9
1983	Assessment of surf zone zooplankton dynamics in a Southwestern Atlantic sandy beach: Seasonal cycle and tidal height influence. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106307.	0.9	10
1984	The value of newly created wood pastures for bird and grasshopper conservation. <i>Biological Conservation</i> , 2019, 237, 493-503.	1.9	7
1985	Soil bacterial and fungal response to wildfires in the Canadian boreal forest across a burn severity gradient. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107571.	4.2	139
1986	Linking mesoscale landscape heterogeneity and biodiversity: gardens and tree cover significantly modify flower-visiting beetle communities. <i>Landscape Ecology</i> , 2019, 34, 1081-1095.	1.9	7
1987	Cross-scale effects of land use on the functional composition of herbivorous insect communities. <i>Landscape Ecology</i> , 2019, 34, 2001-2015.	1.9	16
1988	Continuous Monoculture Shapes Root and Rhizosphere Fungal Communities of Corn and Soybean in Soybean Cyst Nematode-Infested Soil. <i>Phytobiomes Journal</i> , 2019, 3, 300-314.	1.4	10
1989	Global distribution of Trebouxiophyceae diversity explored by high-throughput sequencing and phylogenetic approaches. <i>Environmental Microbiology</i> , 2019, 21, 3885-3895.	1.8	16
1990	Coastal fish diversity of the Socotra Archipelago, Yemen. <i>Zootaxa</i> , 2019, 4636, 1-108.	0.2	19
1991	Pest consumption in a vineyard system by the lesser horseshoe bat (<i>Rhinolophus hipposideros</i>). <i>PLoS ONE</i> , 2019, 14, e0219265.	1.1	34
1992	Traits of litter-dwelling forest arthropod predators and detritivores covary spatially with traits of their resources. <i>Ecology</i> , 2019, 100, e02815.	1.5	27
1993	Strong spatial and temporal turnover of soil bacterial communities in South Africa's hyperdiverse fynbos biome. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107541.	4.2	25
1994	Even the smallest habitat patch matters: on the fauna of peat bogs. <i>Journal of Insect Conservation</i> , 2019, 23, 699-705.	0.8	8

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1995	Alien plants alter the growth form ratio and structure of Australian grasslands. <i>Applied Vegetation Science</i> , 2019, 22, 582-592.	0.9	15
1996	Ecosystem turnover in palaeoecological records: The sensitivity of pollen and phytolith proxies to detecting vegetation change in southwestern Amazonia. <i>Holocene</i> , 2019, 29, 1720-1730.	0.9	10
1997	The influence of landscape alterations on changes in ground beetle (Carabidae) and spider (Araneae) functional groups between 1995 and 2013 in an urban fringe of China. <i>Science of the Total Environment</i> , 2019, 689, 516-525.	3.9	10
1998	Early responses of bark and wood boring beetles to an outbreak of the hemlock looper <i>Lambdina fuscicollis</i> (Guenée) (Lepidoptera: Geometridae) in a boreal balsam fir forest of North America. <i>Agricultural and Forest Entomology</i> , 2019, 21, 407-416.	0.7	5
1999	The needle mycobiome of <i>Picea glauca</i> – A dynamic system reflecting surrounding environment and tree phenological traits. <i>Fungal Ecology</i> , 2019, 41, 177-186.	0.7	14
2000	Acknowledging differences: number, characteristics, and distribution of marine benthic communities along Taiwan coast. <i>Ecosphere</i> , 2019, 10, e02803.	1.0	16
2001	Foraging plasticity allows a large herbivore to persist in a sheltering forest habitat: DNA metabarcoding diet analysis of the European bison. <i>Forest Ecology and Management</i> , 2019, 449, 117474.	1.4	39
2002	Benthic community history in the Changjiang (Yangtze River) mega-delta: Damming, urbanization, and environmental control. <i>Paleobiology</i> , 2019, 45, 469-483.	1.3	8
2003	Asymmetric dispersal is a critical element of concordance between biophysical dispersal models and spatial genetic structure in Great Barrier Reef corals. <i>Diversity and Distributions</i> , 2019, 25, 1684-1696.	1.9	27
2004	Orchard Conditions and Fruiting Body Characteristics Drive the Microbiome of the Black Truffle <i>Tuber aestivum</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1437.	1.5	31
2005	Habitat controls on limno-terrestrial diatom communities of Clearwater Mesa, James Ross Island, Maritime Antarctica. <i>Polar Biology</i> , 2019, 42, 1595-1613.	0.5	14
2006	Intraradical and extraradical communities of AM fungi associated with alfalfa respond differently to long-term phosphorus fertilization. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 258, 151424.	0.6	5
2007	Seed mix type but not planting method or seed priming affect grassland restoration outcomes: a greenhouse trial. <i>African Journal of Range and Forage Science</i> , 2019, 36, 115-124.	0.6	1
2008	High-quality treated wastewater causes remarkable changes in natural microbial communities and intl1 gene abundance. <i>Water Research</i> , 2019, 167, 114895.	5.3	33
2009	Decoding Wheat Endosphere – Rhizosphere Microbiomes in <i>Rhizoctonia solani</i> – Infested Soils Challenged by <i>Streptomyces</i> Biocontrol Agents. <i>Frontiers in Plant Science</i> , 2019, 10, 1038.	1.7	46
2010	Multiple processes at different spatial scales determine beta diversity patterns in a mountainous semi-arid rangeland of Khorassan-Kopet Dagh floristic province, NE Iran. <i>Plant Ecology</i> , 2019, 220, 829-844.	0.7	7
2011	Climate and site-specific factors shape chironomid taxonomic and functional diversity patterns in northern Patagonia. <i>Hydrobiologia</i> , 2019, 839, 131-143.	1.0	13
2012	A preliminary examination of bacterial, archaeal, and fungal communities inhabiting different rhizocompartments of tomato plants under real-world environments. <i>Scientific Reports</i> , 2019, 9, 9300.	1.6	91

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2014	Spatial and temporal succession of bacterial communities in three artificial fishponds. <i>Aquaculture Research</i> , 2019, 50, 2793-2801.	0.9	6
2015	Soil organic carbon recovery in tropical tree plantations may depend on restoration of soil microbial composition and function. <i>Geoderma</i> , 2019, 353, 70-80.	2.3	17
2016	Different lactic acid bacteria strains affecting the flavor profile of fermented jujube juice. <i>Journal of Food Processing and Preservation</i> , 2019, 43, e14095.	0.9	48
2017	Successional changes of microalgae community in response to commercial probiotics in the intensive shrimp (<i>Litopenaeus vannamei</i> Boone) culture systems. <i>Aquaculture</i> , 2019, 511, 734257.	1.7	25
2018	Exploring the Concept of Lineage Diversity across North American Forests. <i>Forests</i> , 2019, 10, 520.	0.9	6
2019	The changing ecology of primate parasites: Insights from wild–captive comparisons. <i>American Journal of Primatology</i> , 2019, 81, e22991.	0.8	8
2020	The interaction of phylogeny and community structure: Linking the community composition and trait evolution–of clades. <i>Global Ecology and Biogeography</i> , 2019, 28, 1499-1511.	2.7	14
2021	Voegtlin–style suction traps measure insect diversity and community heterogeneity. <i>Insect Conservation and Diversity</i> , 2019, 12, 373-381.	1.4	3
2022	Deceiving Face Recognition Neural Network with Samples Generated by Deepfool. <i>Journal of Physics: Conference Series</i> , 2019, 1302, 022059.	0.3	2
2023	Forest Diversity and Structure in the Amazonian Mountain Ranges of Southeastern Ecuador. <i>Diversity</i> , 2019, 11, 196.	0.7	4
2024	Reef condition and protection of coral diversity and evolutionary history in the marine protected areas of Southeastern Dominican Republic. <i>Regional Studies in Marine Science</i> , 2019, 32, 100893.	0.4	8
2025	Macroclimate and local hydrological regime as drivers of fen vegetation patterns in Tierra del Fuego (Argentina). <i>Ecohydrology</i> , 2019, 12, e2155.	1.1	3
2026	Effect of present and past landscape structures on the species richness and composition of ground beetles (Coleoptera: Carabidae) and spiders (Araneae) in a dynamic landscape. <i>Landscape and Urban Planning</i> , 2019, 192, 103649.	3.4	6
2027	Microbiota fingerprints within the oral cavity of cetaceans as indicators for population biomonitoring. <i>Scientific Reports</i> , 2019, 9, 13679.	1.6	18
2028	Characterisation of the intestinal microbiota of commercially farmed saltwater crocodiles, <i>Crocodylus porosus</i> . <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 8977-8985.	1.7	16
2029	Potential bacterial bioindicators of urban pollution in mangroves. <i>Environmental Pollution</i> , 2019, 255, 113293.	3.7	27
2030	Plant functional assembly is mediated by rainfall and soil conditions in a seasonally dry tropical forest. <i>Basic and Applied Ecology</i> , 2019, 40, 1-11.	1.2	36

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2032	Environmental and spatial filtering of ladybird beetle community composition and functional traits in urban landscapes. <i>Journal of Urban Ecology</i> , 2019, 5, .	0.6	10
2033	A formal classification of the <i>Lygeum spartum</i> vegetation of the Mediterranean Region. <i>Applied Vegetation Science</i> , 2019, 22, 593-608.	0.9	15
2034	Environmental filtering structures fungal endophyte communities in tree bark. <i>Molecular Ecology</i> , 2019, 28, 5188-5198.	2.0	21
2035	Light environment drives the shallowâ€œmesophotic coral community transition. <i>Ecosphere</i> , 2019, 10, e02839.	1.0	57
2036	Diatom responses to longâ€œterm climate and seaâ€œlevel rise at a lowâ€œelevation lake in coastal British Columbia, Canada. <i>Ecosphere</i> , 2019, 10, e02868.	1.0	3
2037	Investigation of tylosin in feed of feedlot cattle and effects on liver abscess prevalence, and fecal and soil microbiomes and resistomes1. <i>Journal of Animal Science</i> , 2019, 97, 4567-4578.	0.2	21
2038	Factors shaping the macrobenthic animal assemblages in a tidal flat newly-formed by the Great East Japan Earthquake. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 229, 106382.	0.9	3
2039	Changes in vegetation structure and composition of urban and rural forest patches in Baltimore from 1998 to 2015. <i>Forest Ecology and Management</i> , 2019, 454, 117665.	1.4	21
2040	Nutrients and sediment modify the impacts of a neonicotinoid insecticide on freshwater community structure and ecosystemâ€œfunctioning. <i>Science of the Total Environment</i> , 2019, 692, 1291-1303.	3.9	35
2041	Everything is not everywhere: can marine compartments shape phytoplankton assemblages?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191890.	1.2	12
2042	Optimization of River and Lake Monitoring Programs Using a Participative Approach and an Intelligent Decision-Support System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4157.	1.3	5
2043	Spatial distribution of diatom assemblages in the surface sediments of Selin Co, central Tibetan Plateau, China, and the controlling factors. <i>Journal of Great Lakes Research</i> , 2019, 45, 1069-1079.	0.8	8
2044	Can we trust the chord (and the Hellinger) distance?. <i>Community Ecology</i> , 2019, 20, 104-106.	0.5	3
2045	Trees in trimmed hedgerows but not tree health increase diversity of oribatid mite communities in intensively managed agricultural land. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107568.	4.2	8
2046	Lateral hydrological connectivity differentially affects the community characteristics of multiple groups of aquatic invertebrates in tropical wetland pans in South Africa. <i>Freshwater Biology</i> , 2019, 64, 2189-2203.	1.2	17
2047	Always on the tipping point â€œ A search for signals of past societies and related peatland ecosystem critical transitions during the last 6500 years in N Poland. <i>Quaternary Science Reviews</i> , 2019, 225, 105954.	1.4	32
2048	Evaluating functional diversity conservation for freshwater fishes resulting from terrestrial protected areas. <i>Freshwater Biology</i> , 2019, 64, 2057-2070.	1.2	4

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2049	Multifaceted aspects of synchrony between freshwater prokaryotes and protists. <i>Molecular Ecology</i> , 2019, 28, 4500-4512.	2.0	6
2050	Monocropping decouples plant-bacteria interaction and strengthens phytopathogenic fungi colonization in the rhizosphere of a perennial plant species. <i>Plant and Soil</i> , 2019, 445, 549-564.	1.8	11
2051	Trophic relationships and basal resource utilisation in the Can Gio Mangrove Biosphere Reserve (Southern Vietnam). <i>Journal of Sea Research</i> , 2019, 145, 35-43.	0.6	15
2052	Relative importance of local and landscape variables on fish assemblages in streams of Brazilian savanna. <i>Fisheries Management and Ecology</i> , 2019, 26, 119-130.	1.0	19
2053	Interaction between fire and fragmentation in the successional stages of coastal dune grasslands of the southern Pampas, Argentina. <i>Scientific Reports</i> , 2019, 9, 15109.	1.6	6
2054	A comparison of prokaryote communities inhabiting sponges, bacterial mats, sediment and seawater in Southeast Asian coral reefs. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	11
2055	Environmental controls and anthropogenic impacts on deep-sea sponge grounds in the Faroe-Shetland Channel, NE Atlantic: the importance of considering spatial scale to distinguish drivers of change. <i>ICES Journal of Marine Science</i> , 2019, , .	1.2	2
2056	Interacting effects of landscape and management on plant-solitary bee networks in olive orchards. <i>Functional Ecology</i> , 2019, 33, 2316-2326.	1.7	21
2057	Trait-based approach to monitoring marine benthic data along 500 km of coastline. <i>Diversity and Distributions</i> , 2019, 25, 1879-1896.	1.9	35
2058	Stochastic processes shape microeukaryotic community assembly in a subtropical river across wet and dry seasons. <i>Microbiome</i> , 2019, 7, 138.	4.9	313
2059	Body coloration and mechanisms of colour production in Archelosauria: the case of deirocheline turtles. <i>Royal Society Open Science</i> , 2019, 6, 190319.	1.1	19
2060	Chronic wound microbiome colonization on mouse model following cryogenic preservation. <i>PLoS ONE</i> , 2019, 14, e0221565.	1.1	11
2061	Dispersal ability and niche breadth act synergistically to determine zooplankton but not phytoplankton metacommunity structure. <i>Journal of Plankton Research</i> , 2019, 41, 479-490.	0.8	6
2062	Carnivore community response to anthropogenic landscape change: species-specificity foils generalizations. <i>Landscape Ecology</i> , 2019, 34, 2493-2507.	1.9	21
2063	Megabenthic assemblages at the southern Central Indian Ridge - Spatial segregation of inactive hydrothermal vents from active-, periphery- and non-vent sites. <i>Marine Environmental Research</i> , 2019, 151, 104776.	1.1	18
2064	Understory vascular plant responses to retention harvesting with and without prescribed fire. <i>Canadian Journal of Forest Research</i> , 2019, 49, 1087-1100.	0.8	9
2065	Understanding PCR Processes to Draw Meaningful Conclusions from Environmental DNA Studies. <i>Scientific Reports</i> , 2019, 9, 12133.	1.6	169
2067	Temporal and spatial variation in bacterial communities of <i>Malus</i> Tj ETQq1 1 0.784314 rgBT /Overloc <i>MicrobiologyOpen</i> , 2019, 8, e918.	1.2	12

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2068	Coordinated community structure among trees, fungi and invertebrate groups in Amazonian rainforests. <i>Scientific Reports</i> , 2019, 9, 11337.	1.6	15
2069	Reduced soil respiration beneath invasive <i>Rhododendron ponticum</i> persists after cutting and is related to substrate quality rather than microbial community. <i>Soil Biology and Biochemistry</i> , 2019, 138, 107577.	4.2	9
2070	Influence of 16S rRNA variable region on perceived diversity of marine microbial communities of the Northern North Atlantic. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	45
2071	Composition and distribution of Serranidae (Actinopterygii:Perciformes) larvae in the Southeastern Brazilian Bight. <i>Brazilian Journal of Oceanography</i> , 0, 67, .	0.6	3
2072	Landscape Features and Climatic Forces Shape the Genetic Structure and Evolutionary History of an Oak Species (<i>Quercus chenii</i>) in East China. <i>Frontiers in Plant Science</i> , 2019, 10, 1060.	1.7	26
2073	Benthic ostracoda and foraminifera from the North Adriatic Sea (Italy, Mediterranean Sea): A proxy for the depositional characterisation of river-influenced shelves. <i>Marine Micropaleontology</i> , 2019, 153, 101772.	0.5	17
2074	Characterization and causes analysis for algae blooms in large river system. <i>Sustainable Cities and Society</i> , 2019, 51, 101707.	5.1	38
2075	Road verges are important secondary habitats for grassland arthropods. <i>Journal of Insect Conservation</i> , 2019, 23, 899-907.	0.8	12
2076	Partitioning spatial, environmental, and community drivers of ecosystem functioning. <i>Landscape Ecology</i> , 2019, 34, 2371-2384.	1.9	20
2077	Persistent and substantial impacts of the Deepwater Horizon oil spill on deep-sea megafauna. <i>Royal Society Open Science</i> , 2019, 6, 191164.	1.1	26
2078	A Metabarcoding Analysis of the Mycobiome of Wheat Ears Across a Topographically Heterogeneous Field. <i>Frontiers in Microbiology</i> , 2019, 10, 2095.	1.5	13
2079	Environmental DNA Metabarcoding: A Promising Tool for Ballast Water Monitoring. <i>Environmental Science & Technology</i> , 2019, 53, 11849-11859.	4.6	25
2080	Rainfall homogenizes while fruiting increases diversity of spore deposition in Mediterranean conditions. <i>Fungal Ecology</i> , 2019, 41, 279-288.	0.7	13
2081	Immediate Effects of Ammonia Shock on Transcription and Composition of a Biogas Reactor Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 2064.	1.5	18
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2083	A comparative assessment of adult mosquito trapping methods to estimate spatial patterns of abundance and community composition in southern Africa. <i>Parasites and Vectors</i> , 2019, 12, 462.	1.0	26
2084	Semi-natural habitat complexity affects abundance and movement of natural enemies in organic olive orchards. <i>Agriculture, Ecosystems and Environment</i> , 2019, 285, 106618.	2.5	31
2085	The pink staircase of Sully-sur-Loire castle: Even bacteria like historic stonework. <i>International Biodeterioration and Biodegradation</i> , 2019, 145, 104805.	1.9	9

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2087	Quantitatively characterizing benthic community-habitat relationships in soft-sediment, nearshore environments to yield useful results for management. <i>Journal of Environmental Management</i> , 2019, 249, 109361.	3.8	3
2088	Effects of environmental conditions and space on species turnover for three plant functional groups in Brazilian savannas. <i>Journal of Plant Ecology</i> , 2019, 12, 1047-1058.	1.2	2
2089	What is the most ecologically-meaningful metric of nitrogen deposition?. <i>Environmental Pollution</i> , 2019, 247, 319-331.	3.7	15
2090	Yeast Smell Like What They Eat: Analysis of Volatile Organic Compounds of <i>Malassezia furfur</i> in Growth Media Supplemented with Different Lipids. <i>Molecules</i> , 2019, 24, 419.	1.7	13
2091	Partitioning the effects of regional, spatial, and local variables on beta diversity of salt marsh arthropods in Chile. <i>Ecology and Evolution</i> , 2019, 9, 2575-2587.	0.8	12
2092	Changes in the soil meso- and microfauna community under the impacts of exotic <i>Ambrosia artemisiifolia</i> . <i>Ecological Research</i> , 2019, 34, 265-276.	0.7	8
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2095	The distribution variance of airborne microorganisms in urban and rural environments. <i>Environmental Pollution</i> , 2019, 247, 898-906.	3.7	64
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2099	Climate and fishing drive regime shifts in consumer-mediated nutrient cycling in kelp forests. <i>Global Change Biology</i> , 2019, 25, 3179-3192.	4.2	18
2100	Analyzing community structure subject to incomplete sampling: hierarchical community model vs. canonical ordinations. <i>Ecology</i> , 2019, 100, e02759.	1.5	6
2101	Decomposition and insect colonization patterns of pig cadavers lying on forest soil and suspended above ground. <i>Forensic Science, Medicine, and Pathology</i> , 2019, 15, 342-351.	0.6	7
2102	Inside-container effects drive mosquito community structure in Brazilian Atlantic forest. <i>Entomologia Experimentalis Et Applicata</i> , 2019, 167, 566-576.	0.7	1
2103	The Relative Abundance of Benthic Bacterial Phyla Along a Water-Depth Gradient in a Plateau Lake: Physical, Chemical, and Biotic Drivers. <i>Frontiers in Microbiology</i> , 2019, 10, 1521.	1.5	28

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2105	Clustering and ensembling approaches to support surrogate-based species management. <i>Diversity and Distributions</i> , 2019, 25, 1246-1258.	1.9	1
2106	Biodiversity patterns across taxonomic groups along a lake water-depth gradient: Effects of abiotic and biotic drivers. <i>Science of the Total Environment</i> , 2019, 686, 1262-1271.	3.9	22
2107	Vegetation biomass and soil moisture coregulate bacterial community succession under altered precipitation regimes in a desert steppe in northwestern China. <i>Soil Biology and Biochemistry</i> , 2019, 136, 107520.	4.2	82
2108	Spatial distribution of microplastics in sediments and surface waters of the southern North Sea. <i>Environmental Pollution</i> , 2019, 252, 1719-1729.	3.7	190
2109	Spatiotemporal shifts of ammonia-oxidizing archaea abundance and structure during the restoration of a multiple pond and plant-bed/ditch wetland. <i>Science of the Total Environment</i> , 2019, 684, 629-640.	3.9	16
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2111	Biogeographic freshwater fish pattern legacy revealed despite rapid socio-economic changes in China. <i>Fish and Fisheries</i> , 2019, 20, 857-869.	2.7	19
2112	Long-Term Habitat Degradation Drives Neotropical Macrophyte Species Loss While Assisting the Spread of Invasive Plant Species. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	15
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2114	Interspecific variation in crop and weed responses to arbuscular mycorrhizal fungal community highlights opportunities for weed biocontrol. <i>Applied Soil Ecology</i> , 2019, 142, 34-42.	2.1	5
2115	Rapid recovery of soil arthropod assemblages after exotic plantation tree removal from hydromorphic soils in a grassland-timber production mosaic. <i>Restoration Ecology</i> , 2019, 27, 1357-1368.	1.4	12
2116	Diversity of <i>Bacillus cereus</i> sensu lato mobilome. <i>BMC Genomics</i> , 2019, 20, 436.	1.2	40
2117	Climate exerts a greater modulating effect on the phytoplankton community after 2007 in eutrophic Lake Taihu, China: Evidence from 25 years of recordings. <i>Ecological Indicators</i> , 2019, 105, 82-91.	2.6	36
2118	flowDiv: a new pipeline for analyzing flow cytometric diversity. <i>BMC Bioinformatics</i> , 2019, 20, 274.	1.2	9
2119	The diversity of benthic diatoms affects ecosystem productivity in heterogeneous coastal environments. <i>Ecology</i> , 2019, 100, e02765.	1.5	34
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2124	Epiedaphic Ground Beetle (Carabidae) Diversity in Ecosystems Transformed by Plantations of <i>Eucalyptus pellita</i> in the Orinoco Region of Colombia. <i>Neotropical Entomology</i> , 2019, 48, 1014-1029.	0.5	4
2125	Productive Oilseed Rape Strips Supplement Seminatural Field-Margins in Promoting Ground-Dwelling Predatory Invertebrates in Agricultural Landscapes. <i>Journal of Insect Science</i> , 2019, 19, .	0.6	7
2126	Communities associated with the Functional Process Zone scale: A case study of stream macroinvertebrates in endorheic drainages. <i>Science of the Total Environment</i> , 2019, 677, 184-193.	3.9	14
2127	Substrate and spatial variables are major determinants of fungal community in karst caves in Southwest China. <i>Journal of Biogeography</i> , 2019, 46, 1504-1518.	1.4	21
2128	Distribution of benthic testate amoeba assemblages along a water depth gradient in freshwater lakes of the Meshchera Lowlands, Russia, and utility of the microfossils for inferring past lake water level. <i>Journal of Paleolimnology</i> , 2019, 62, 137-150.	0.8	10
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2130	Correlation of Fish Assemblages with Habitat and Environmental Variables in a Headwater Stream Section of Lijiang River, China. <i>Sustainability</i> , 2019, 11, 1135.	1.6	18
2131	The Distribution of Planktivorous Damsel Fishes (Pomacentridae) on the Great Barrier Reef and the Relative Influences of Habitat and Predation. <i>Diversity</i> , 2019, 11, 33.	0.7	18
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2133	Similar responses of native and alien floras in European cities to climate. <i>Journal of Biogeography</i> , 2019, 46, 1406-1418.	1.4	10
2134	Contrasting Effects of Tillage and Landscape Structure on Spiders and Springtails in Vineyards. <i>Sustainability</i> , 2019, 11, 2095.	1.6	19
2135	Contribution of common vs. rare species to species diversity patterns in conservation corridors. <i>Ecological Indicators</i> , 2019, 104, 279-288.	2.6	27
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2138	Local and Landscape Drivers of Carabid Activity, Species Richness, and Traits in Urban Gardens in Coastal California. <i>Insects</i> , 2019, 10, 112.	1.0	40
2139	Spatial Characteristics and Temporal Evolution of Chemical and Biological Freshwater Status as Baseline Assessment on the Tropical Island San Cristóbal (Galapagos, Ecuador). <i>Water (Switzerland)</i> , 2019, 11, 880.	1.2	6

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2142	Are orchid bees useful indicators of the impacts of human disturbance?. <i>Ecological Indicators</i> , 2019, 103, 745-755.	2.6	15
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2144	Ponderosa Pine Regeneration, Wildland Fuels Management, and Habitat Conservation: Identifying Trade-Offs Following Wildfire. <i>Forests</i> , 2019, 10, 286.	0.9	5
2145	Drivers of macroinvertebrate metacommunity structure in Tierra del Fuego rivers. <i>Acta Oecologica</i> , 2019, 97, 6-13.	0.5	1
2146	Response of boreal lakes to changing wind strength: Coherent physical changes across two large lakes but varying effects on primary producers over the 20 th century. <i>Limnology and Oceanography</i> , 2019, 64, 2237-2251.	1.6	7
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2148	TRACING ORIGIN AND COLLAPSE OF HOLOCENE BENTHIC BASELINE COMMUNITIES IN THE NORTHERN ADRIATIC SEA. <i>Palaios</i> , 2019, 34, 121-145.	0.6	19
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2150	Impact of environmental factors on aquatic biodiversity in roadside stormwater ponds. <i>Scientific Reports</i> , 2019, 9, 5994.	1.6	27
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2154	Bioconcentration of Cd and Zn in the soils of an uncontaminated forest in the Quebec Laurentians. <i>Biogeochemistry</i> , 2019, 143, 293-312.	1.7	1
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2156	Benthic Diatom Communities in an Alpine River Impacted by Waste Water Treatment Effluents as Revealed Using DNA Metabarcoding. <i>Frontiers in Microbiology</i> , 2019, 10, 653.	1.5	55
2157	Increasing influence of the surrounding landscape on saproxylic beetle communities over 10 years succession in dead wood. <i>Forest Ecology and Management</i> , 2019, 440, 267-284.	1.4	13

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2159	Diversity of photosynthetic picoeukaryotes in eutrophic shallow lakes as assessed by combining flow cytometry cell-sorting and high throughput sequencing. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	9
2160	Diatoms shape the biogeography of heterotrophic prokaryotes in early spring in the Southern Ocean. <i>Environmental Microbiology</i> , 2019, 21, 1452-1465.	1.8	33
2161	Drivers of Regional Bacterial Community Structure and Diversity in the Northwest Atlantic Ocean. <i>Frontiers in Microbiology</i> , 2019, 10, 281.	1.5	50
2162	Responses of ground-dwelling spider assemblages to changes in vegetation from wet oligotrophic habitats of Western France. <i>Arthropod-Plant Interactions</i> , 2019, 13, 653-662.	0.5	25
2163	Abundance and Impacts of Competing Species on Conifer Regeneration Following Careful Logging in the Eastern Canadian Boreal Forest. <i>Forests</i> , 2019, 10, 177.	0.9	10
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2165	The Eukaryotic Life on Microplastics in Brackish Ecosystems. <i>Frontiers in Microbiology</i> , 2019, 10, 538.	1.5	109
2166	Are dominant microbial sub-surface communities affected by water quality and soil characteristics?. <i>Journal of Environmental Management</i> , 2019, 237, 332-343.	3.8	16
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2168	Planktonic diatom community dynamics in a tropical flood-pulse lake: the Tonle Sap (Cambodia). <i>Diatom Research</i> , 2019, 34, 1-22.	0.5	7
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2172	Contributions of the microbial community to algal biomass and biofuel productivity in a wastewater treatment lagoon system. <i>Algal Research</i> , 2019, 39, 101461.	2.4	8
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2174	A unified framework for unconstrained and constrained ordination of microbiome read count data. <i>PLoS ONE</i> , 2019, 14, e0205474.	1.1	14
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2178	Environmental effects on gene flow in a species complex of vagile, hilltopping butterflies. <i>Biological Journal of the Linnean Society</i> , 2019, 127, 417-428.	0.7	6
2179	The more things change: species losses detected in Phoenix despite stability in birdâ€‘socioeconomic relationships. <i>Ecosphere</i> , 2019, 10, e02624.	1.0	21
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2181	Ecological Correlates of Large-Scale Turnover in the Dominant Members of <i>Pseudacris crucifer</i> Skin Bacterial Communities. <i>Microbial Ecology</i> , 2019, 78, 832-842.	1.4	7
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2183	Scale dependency of dispersal limitation, environmental filtering and biotic interactions determine the diversity and composition of oribatid mite communities. <i>Pedobiologia</i> , 2019, 74, 43-53.	0.5	10
2184	Spatial patterns of fungal endophytes in a subtropical montane rainforest of northern Taiwan. <i>Fungal Ecology</i> , 2019, 39, 316-327.	0.7	13
2185	Bacterioplankton Community Composition Along Environmental Gradients in Lakes From Byers Peninsula (Maritime Antarctica) as Determined by Next-Generation Sequencing. <i>Frontiers in Microbiology</i> , 2019, 10, 908.	1.5	26
2186	Identification of Factors Affecting Bacterial Abundance and Community Structures in a Full-Scale Chlorinated Drinking Water Distribution System. <i>Water (Switzerland)</i> , 2019, 11, 627.	1.2	17
2187	The Seasonal and Inter-Annual Fluctuations of Plankton Abundance and Community Structure in a North Atlantic Marine Protected Area. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	24
2188	The sponge microbiome within the greater coral reef microbial metacommunity. <i>Nature Communications</i> , 2019, 10, 1644.	5.8	86
2189	Environmental drivers of species composition and functional diversity of dung beetles along the Atlantic Forestâ€‘Pampa transition zone. <i>Austral Ecology</i> , 2019, 44, 786-799.	0.7	6
2190	Ecomorphological variations and food supply drive trophic relationships in the fish fauna of a pristine neotropical stream. <i>Environmental Biology of Fishes</i> , 2019, 102, 783-800.	0.4	15
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2192	Wild bee diversity increases with local fire severity in a fireâ€‘prone landscape. <i>Ecosphere</i> , 2019, 10, e02668.	1.0	50
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2196	Seasonal variation in patch and landscape effects on forest bird communities in a lowland fragmented landscape. <i>Forest Ecology and Management</i> , 2019, 454, 117140.	1.4	12
2197	Responses of microbial activity in hyporheic pore water to biogeochemical changes in a drying headwater stream. <i>Freshwater Biology</i> , 2019, 64, 735-749.	1.2	24
2198	Changes in marine phytoplankton diversity: Assessment under the Marine Strategy Framework Directive. <i>Ecological Indicators</i> , 2019, 102, 265-277.	2.6	21
2199	Nematodes in a polar desert reveal the relative role of biotic interactions in the coexistence of soil animals. <i>Communications Biology</i> , 2019, 2, 63.	2.0	34
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2201	Lung Microbiota Contribute to Pulmonary Inflammation and Disease Progression in Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 1127-1138.	2.5	205
2202	Interannual Variation in the Population Dynamics of Juveniles of the Deep-Sea Crab <i>Chionoecetes tanneri</i> . <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	7
2203	Text Mining of Expert Knowledge for the Construction of a Global Habitat Space of <i>Micranthes</i> and <i>Saxifraga</i> Reveals Multiple Avenues of Arctic Biome Assembly. <i>International Journal of Plant Sciences</i> , 2019, 180, 240-252.	0.6	0
2204	Marine fish traits follow fast-slow continuum across oceans. <i>Scientific Reports</i> , 2019, 9, 17878.	1.6	38
2207	Seed and seedling establishment in abandoned tea plantations role of ecological and edaphic factors, southern Western Ghats, India. <i>Tropical Ecology</i> , 2019, 60, 566-580.	0.6	5
2208	Comparison of Rapid Biodiversity Assessment of Meiobenthos Using MALDI-TOF MS and Metabarcoding. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	18
2209	Changes in distributional patterns in water quality, bottom sediments, and community structures of bivalves, gammaridean amphipods, and polychaetes in the Ariake Sea after dike construction for the reclamation of Isahaya Bay, western Kyushu, Japan. <i>Japanese Journal of Benthology</i> , 2019, 74, 64-74.	0.1	0
2210	Local landscapes and microhabitat characteristics are important determinants of urban-suburban forest bee communities. <i>Ecosphere</i> , 2019, 10, e02908.	1.0	10
2211	Indigenous peoples' habitation history drives present-day forest biodiversity in British Columbia's coastal temperate rainforest. <i>People and Nature</i> , 2019, 1, 103-114.	1.7	22
2212	Low cross-taxon congruence among aquatic organisms in artificial tropical ponds: implications for biomonitoring. <i>Annales De Limnologie</i> , 2019, 55, 21.	0.6	3
2213	Does diel variation in oxygen influence taxonomic and functional diversity of stream macroinvertebrates?. <i>Freshwater Science</i> , 2019, 38, 692-701.	0.9	7

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2216	Biogeographical Review of Asteraceae in the Espinha�so Mountain Range, Brazil. <i>Botanical Review</i> , The, 2019, 85, 293-336.	1.7	15
2217	Integrated Counts of Carbohydrate-Active Protein Domains as Metabolic Readouts to Distinguish Probiotic Biology and Human Fecal Metagenomes. <i>Scientific Reports</i> , 2019, 9, 16836.	1.6	2
2218	Air�side ammonia stripping coupled to anaerobic digestion indirectly impacts anaerobic microbiome. <i>Microbial Biotechnology</i> , 2019, 12, 1403-1416.	2.0	19
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2220	Exotic species invasions undermine regional functional diversity of freshwater fish. <i>Scientific Reports</i> , 2019, 9, 17921.	1.6	41
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2223	Land�use change alters the mechanisms assembling rainforest mammal communities in Borneo. <i>Journal of Animal Ecology</i> , 2019, 88, 125-137.	1.3	13
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2254	Collection, Identification, and Statistical Analysis of Volatile Organic Compound Patterns Emitted by Phytoplasma Infected Plants. <i>Methods in Molecular Biology</i> , 2019, 1875, 333-343.	0.4	7
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2298	Diet shapes coldâ€water corals bacterial communities. <i>Environmental Microbiology</i> , 2020, 22, 354-368.	1.8	20
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2308	Stream Algal Biofilm Community Diversity Along An Acid Mine Drainage Recovery Gradient Using Multimarker Metabarcoding. <i>Journal of Phycology</i> , 2020, 56, 11-22.	1.0	8
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2371	The effects of dryland cropping system intensity on soil function and associated changes in macrofauna communities. <i>Soil Science Society of America Journal</i> , 2020, 84, 1854-1870.	1.2	10
2372	Biological, Ecological, and Distributional Aspects of Two Native Species of <i>Lucilia</i> Genus (Diptera: Calliphoridae) of Forensic Interest in Yungas Environments of Argentina. <i>Journal of Medical Entomology</i> , 2020, 57, 1700-1711.	0.9	2
2373	High throughput shotgun sequencing of eRNA reveals taxonomic and derived functional shifts across a benthic productivity gradient. <i>Molecular Ecology</i> , 2021, 30, 3023-3039.	2.0	16
2374	Relative Effects of Multiple Stressors on Reef Food Webs in the Northern Gulf of Mexico Revealed via Ecosystem Modeling. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	18
2375	Microbial Community Structure in Arctic Lake Sediments Reflect Variations in Holocene Climate Conditions. <i>Frontiers in Microbiology</i> , 2020, 11, 1520.	1.5	8

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2378	Fish assemblages and size-spectra variation among rivers of Lake Victoria Basin, Kenya. <i>Ecological Indicators</i> , 2020, 118, 106745.	2.6	10
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2382	Composting of chicken litter from commercial broiler farms reduces the abundance of viable enteric bacteria, Firmicutes, and selected antibiotic resistance genes. <i>Science of the Total Environment</i> , 2020, 746, 141113.	3.9	29
2383	Spatial variability of the ichthyoneuston around oceanic islands at the tropical Atlantic. <i>Journal of Sea Research</i> , 2020, 164, 101928.	0.6	4
2384	Diversity of diatoms, benthic macroinvertebrates, and fish varies in response to different environmental correlates in Arctic rivers across North America. <i>Freshwater Biology</i> , 2022, 67, 95-115.	1.2	15
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2396	Niche Partitioning between Coastal and Offshore Shelf Waters Results in Differential Expression of Alkane and Polycyclic Aromatic Hydrocarbon Catabolic Pathways. <i>MSystems</i> , 2020, 5, .	1.7	10
2397	Recognition and Characterization of Forest Plant Communities through Remote-Sensing NDVI Time Series. <i>Diversity</i> , 2020, 12, 313.	0.7	13
2398	Stream microbial communities and ecosystem functioning show complex responses to multiple stressors in wastewater. <i>Global Change Biology</i> , 2020, 26, 6363-6382.	4.2	52
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2401	Invasive grass (<i>Microstegium vimineum</i>) indirectly benefits spider community by subsidizing available prey. <i>Ecology and Evolution</i> , 2020, 10, 11133-11143.	0.8	4
2402	Association of genetic and climatic variability in giant sequoia, <i>Sequoiadendron giganteum</i> , reveals signatures of local adaptation along moisture-related gradients. <i>Ecology and Evolution</i> , 2020, 10, 10619-10632.	0.8	8
2403	Fine-scale environmental heterogeneity shapes fluvial fish communities as revealed by eDNA metabarcoding. <i>Environmental DNA</i> , 2020, 2, 647-666.	3.1	26
2404	Environmental filtering and spillover explain multi-species edge responses across agricultural boundaries in a biosphere reserve. <i>Scientific Reports</i> , 2020, 10, 14800.	1.6	9
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2408	State of art and best practices for fatty acid analysis in aquatic sciences. <i>ICES Journal of Marine Science</i> , 2020, 77, 2375-2395.	1.2	32
2409	Fire and distance from unburned forest influence bird assemblages in Southern Andean Yungas of Northwest Argentina: a case study. <i>Fire Ecology</i> , 2020, 16, .	1.1	4
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2411	Impact of Viral Lysis on the Composition of Bacterial Communities and Dissolved Organic Matter in Deep-Sea Sediments. <i>Viruses</i> , 2020, 12, 922.	1.5	18
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2420	Setting a baseline for global urban virome surveillance in sewage. <i>Scientific Reports</i> , 2020, 10, 13748.	1.6	39
2421	Seasonal and spatial distribution and assembly processes of bacterioplankton communities in a subtropical urban river. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	8
2422	Covariation patterns of phytoplankton and bacterioplankton in hypertrophic shallow lakes. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	5
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2426	Fish Community Responses to Human-Induced Stresses in the Lower Mekong Basin. <i>Water (Switzerland)</i> , 2020, 12, 3522.	1.2	9
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2430	Multiple Ecological Drivers Determining Vegetation Attributes across Scales in a Mountainous Dry Valley, Southwest China. <i>Forests</i> , 2020, 11, 1140.	0.9	5

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2435	Amazon river plume influence on planktonic decapods in the tropical Atlantic. <i>Journal of Marine Systems</i> , 2020, 212, 103428.	0.9	14
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2440	One-size does not fit all: at-risk bumble bee habitat management requires species-specific local and landscape considerations. <i>Insect Conservation and Diversity</i> , 2020, 13, 558-570.	1.4	14
2441	Riverine impacts on benthic biodiversity and functional traits: A comparison of two sub-Arctic fjords. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 240, 106774.	0.9	29
2442	Fish oil supplementation reduces maternal defensive inflammation and predicts a gut bacteriome with reduced immune priming capacity in infants. <i>ISME Journal</i> , 2020, 14, 2090-2104.	4.4	16
2443	Adaptation of restoration target with climate change: the case of a coastal peatland. <i>Botany</i> , 2020, 98, 439-448.	0.5	2
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2451	Environmental Together With Interspecific Interactions Determine Bryophyte Distribution in a Protected Mire of Northeast China. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	9
2452	Metabarcoding Analyses and Seasonality of the Zooplankton Community at BATS. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	35
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2454	Synergistic Tannic Acid-Fluoride Inhibition of Ammonia Emissions and Simultaneous Reduction of Methane and Odor Emissions from Livestock Waste. <i>Environmental Science & Technology</i> , 2020, 54, 7639-7650.	4.6	22
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2465	Correlation and association analyses in microbiome study integrating multiomics in health and disease. <i>Progress in Molecular Biology and Translational Science</i> , 2020, 171, 309-491.	0.9	103
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2468	Additive influences of soil and climate gradients drive tree community composition of Central African rain forests. <i>Journal of Vegetation Science</i> , 2020, 31, 1154-1167.	1.1	3
2469	Relative contributions of ecological drift and selection on bat community structure in interior Atlantic Forest of Paraguay. <i>Oecologia</i> , 2020, 193, 645-654.	0.9	6
2470	Composition of highly diverse diatom community shifts as response to climate change: A down-core study of 23 central European mountain lakes. <i>Ecological Indicators</i> , 2020, 117, 106590.	2.6	13
2471	Nitrogen effects on quantity, chemistry, and decomposability of <i>Pinus densiflora</i> and <i>Quercus variabilis</i> litters under elevated CO ₂ and warming. <i>Forest Ecology and Management</i> , 2020, 473, 118315.	1.4	8
2472	Taxonomic shifts in arbuscular mycorrhizal fungal communities with shade and soil nitrogen across conventionally managed and organic coffee agroecosystems. <i>Mycorrhiza</i> , 2020, 30, 513-527.	1.3	15
2473	Organic acid blend supplementation increases butyrate and acetate production in <i>Salmonella enterica</i> serovar Typhimurium challenged broilers. <i>PLoS ONE</i> , 2020, 15, e0232831.	1.1	25
2474	Complementarity of grasslands and cereal fields ensures carabid regional diversity in French farmlands. <i>Biodiversity and Conservation</i> , 2020, 29, 2861-2882.	1.2	9
2475	The role of root community attributes in predicting soil fungal and bacterial community patterns. <i>New Phytologist</i> , 2020, 228, 1070-1082.	3.5	47
2476	Tree plantations replacing natural grasslands in high biodiversity areas: How do they affect the mammal assemblage?. <i>Forest Ecology and Management</i> , 2020, 473, 118303.	1.4	21
2477	Effect of the characteristics of municipal solid waste on biogas production in landfills. <i>Proceedings of Institution of Civil Engineers: Waste and Resource Management</i> , 2020, 173, 55-64.	0.9	5
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2481	Functional and Structural Responses of Arctic and Alpine Soil Prokaryotic and Fungal Communities Under Freeze-Thaw Cycles of Different Frequencies. <i>Frontiers in Microbiology</i> , 2020, 11, 982.	1.5	31
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2484	Holocene negative coupling of summer temperature and moisture availability over southeastern arid Central Asia. <i>Climate Dynamics</i> , 2020, 55, 1187-1208.	1.7	23

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2487	A pseudo time-series reveals the rapid recovery and high variability of benthic macroinvertebrate populations following catchment wildfire. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2020, 30, 662-674.	0.9	1
2488	Metacommunity Structure of Stream Insects across Three Hierarchical Spatial scales. <i>Ecology and Evolution</i> , 2020, 10, 2874-2884.	0.8	16
2489	Gut Microbiota and Host Gene Mutations in Colorectal Cancer Patients and Controls of Iranian and Finnish Origin. <i>Anticancer Research</i> , 2020, 40, 1325-1334.	0.5	25
2490	Population asynchrony alone does not explain stability in species-rich soil animal assemblages: The stabilizing role of forest age on oribatid mite communities. <i>Journal of Animal Ecology</i> , 2020, 89, 1520-1531.	1.3	4
2491	Abundance, diversity, and structure of Geobacteraceae community in paddy soil under long-term fertilization practices. <i>Applied Soil Ecology</i> , 2020, 153, 103577.	2.1	16
2492	Diverse fungal communities associated with the roots of isoetid plants are structured by host plant identity. <i>Fungal Ecology</i> , 2020, 45, 100914.	0.7	10
2493	Factors shaping community patterns of protists and bacteria on a European scale. <i>Environmental Microbiology</i> , 2020, 22, 2243-2260.	1.8	49
2494	Mosquito Community Composition, Seasonal Distributions, and Trap Bias in Northeastern Florida. <i>Journal of Medical Entomology</i> , 2020, 57, 1501-1509.	0.9	8
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2498	Winter-Active Spider Fauna is Affected by Plantation Forest Type. <i>Environmental Entomology</i> , 2020, 49, 601-606.	0.7	6
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2500	Ecological uniqueness of plant communities as a conservation criterion in lake-edge wetlands. <i>Biological Conservation</i> , 2020, 243, 108491.	1.9	20
2501	Do rainfall characteristics affect the export of copper, zinc and synthetic pesticides in surface runoff from headwater catchments?. <i>Science of the Total Environment</i> , 2020, 741, 140437.	3.9	25
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2504	Multiscale Determinants Drive Parasitization of Drosophilidae by Hymenopteran Parasitoids in Agricultural Landscapes. <i>Insects</i> , 2020, 11, 334.	1.0	8
2505	Comparative Metabarcoding and Metatranscriptomic Analysis of Microeukaryotes Within Coastal Surface Waters of West Greenland and Northwest Iceland. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	9
2506	Structure and Functional Diversity of Surface Bacterioplankton Communities in an Overwintering Habitat for Large Yellow Croaker, <i>Pseudosciaena crocea</i> , of the Southern East China Sea. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
2507	Impacts of Anthropogenic Pollutants on Benthic Prokaryotic Communities in Mediterranean Touristic Ports. <i>Frontiers in Microbiology</i> , 2020, 11, 1234.	1.5	15
2508	The Presence of Plant-Associated Bacteria Alters Responses to N-acyl Homoserine Lactone Quorum Sensing Signals that Modulate Nodulation in <i>Medicago Truncatula</i> . <i>Plants</i> , 2020, 9, 777.	1.6	10
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2511	Invasive <i>Neogobius melanostomus</i> in the Lithuanian Baltic Sea coast: Trophic role and impact on the diet of piscivorous fish. <i>Journal of Great Lakes Research</i> , 2020, 46, 597-608.	0.8	7
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2513	Modern PollenéPlant Diversity Relationships Inform Palaeoecological Reconstructions of Functional and Phylogenetic Diversity in Calcareous Fens. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	15
2514	Taxonomic and functional approaches to phytoplankton in ecosystems with different coverage of aquatic plants. <i>Revista Brasileira De Botanica</i> , 2020, 43, 665-675.	0.5	5
2515	Ecological features of a rocky intertidal community exposed to sewage effluent. <i>Marine Pollution Bulletin</i> , 2020, 158, 111391.	2.3	2
2516	Landscape composition and local floral resources influence foraging behavior but not the size of <i>Bombus impatiens</i> Cresson (Hymenoptera: Apidae) workers. <i>PLoS ONE</i> , 2020, 15, e0234498.	1.1	11
2517	<i>Bacillus subtilis</i> PB6 based probiotic supplementation plays a role in the recovery after the necrotic enteritis challenge. <i>PLoS ONE</i> , 2020, 15, e0232781.	1.1	24
2518	Strong linkages between dissolved organic matter and the aquatic bacterial community in an urban river. <i>Water Research</i> , 2020, 184, 116089.	5.3	65
2519	Noncrop features and heterogeneity mediate overwintering bird diversity in agricultural landscapes of southwest China. <i>Ecology and Evolution</i> , 2020, 10, 5815-5828.	0.8	1
2520	Into the wild blueberry (<sc><i>Vaccinium angustifolium</i></sc>) rhizosphere microbiota. <i>Environmental Microbiology</i> , 2020, 22, 3803-3822.	1.8	28

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2522	Soil bacterial and fungal community structure of a rice monoculture and rice-pasture rotation systems. <i>Applied Soil Ecology</i> , 2020, 151, 103535.	2.1	35
2523	Evaluating and presenting uncertainty in model-based unconstrained ordination. <i>Ecology and Evolution</i> , 2020, 10, 59-69.	0.8	3
2524	The key role of increased fine sediment loading in shaping macroinvertebrate communities along a multiple stressor gradient in a Eurasian steppe river (Kharaa River, Mongolia). <i>International Review of Hydrobiology</i> , 2020, 105, 5-19.	0.5	8
2525	Bacterioplankton community variation in Bohai Bay (China) is explained by joint effects of environmental and spatial factors. <i>MicrobiologyOpen</i> , 2020, 9, e997.	1.2	12
2526	Analogous wheat root rhizosphere microbial successions in field and greenhouse trials in the presence of biocontrol agents <i>Paenibacillus peoriae</i> SP9 and <i>Streptomyces fulvissimus</i> FU14. <i>Molecular Plant Pathology</i> , 2020, 21, 622-635.	2.0	29
2527	Environmentally relevant concentrations of silver nanoparticles diminish soil microbial biomass but do not alter enzyme activities or microbial diversity. <i>Journal of Hazardous Materials</i> , 2020, 391, 122224.	6.5	33
2528	Full annual monitoring of Subantarctic <i>Emiliania huxleyi</i> populations reveals highly calcified morphotypes in high-CO ₂ winter conditions. <i>Scientific Reports</i> , 2020, 10, 2594.	1.6	18
2529	IPCO: Inference of Pathways from Co-variance analysis. <i>BMC Bioinformatics</i> , 2020, 21, 62.	1.2	4
2530	Benthic Species Distribution Linked to Morphological Features of a Barred Coast. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 16.	1.2	9
2531	Considerations for metabarcoding-based port biological baseline surveys aimed at marine nonindigenous species monitoring and risk assessments. <i>Ecology and Evolution</i> , 2020, 10, 2452-2465.	0.8	32
2532	Impacts of metallic trace elements on an earthworm community in an urban wasteland: Emphasis on the bioaccumulation and genetic characteristics in <i>Lumbricus castaneus</i> . <i>Science of the Total Environment</i> , 2020, 718, 137259.	3.9	7
2533	Microbial adaptation to high ammonia concentrations during anaerobic digestion of manure-based feedstock: biomethanation and 16S rRNA gene sequencing. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1970-1979.	1.6	20
2534	A sediment-mixing process model of till genesis, using texture and clay mineralogy data from Saginaw lobe (Michigan, USA) tills. <i>Quaternary Research</i> , 2020, 94, 174-194.	1.0	2
2535	The effect of environmental gradient on biodiversity and similarity of invertebrate communities in eelgrass (<i>Zostera marina</i>) beds. <i>Ecological Research</i> , 2020, 35, 61-75.	0.7	9
2536	Environmental drivers of the metacommunity structure of insects on the surface of tropical streams of the Amazon. <i>Austral Ecology</i> , 2020, 45, 586-595.	0.7	15
2537	Fine-scale seascape genomics of an exploited marine species, the common cockle <i>Cerastoderma edule</i> , using a multimodelling approach. <i>Evolutionary Applications</i> , 2020, 13, 1854-1867.	1.5	29
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2540	Common patterns of functional and biotic indices in response to multiple stressors in marine harbours ecosystems. <i>Environmental Pollution</i> , 2020, 259, 113959.	3.7	25
2541	Fire legacies, heterogeneity, and the importance of mixed-severity fire in ponderosa pine savannas. <i>Forest Ecology and Management</i> , 2020, 459, 117853.	1.4	11
2542	Geographic Patterns of Bacterioplankton among Lakes of the Middle and Lower Reaches of the Yangtze River Basin, China. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	25
2543	Distribution, abundance, and diversity of microplastics in the upper St. Lawrence River. <i>Environmental Pollution</i> , 2020, 260, 113994.	3.7	109
2544	Coldâ€water coral assemblages on vertical walls from the Northeast Atlantic. <i>Diversity and Distributions</i> , 2020, 26, 284-298.	1.9	17
2545	Patterns of fish communities and water quality in impounded lakes of China's south-to-north water diversion project. <i>Science of the Total Environment</i> , 2020, 713, 136515.	3.9	36
2546	Thermophilous oak forests of the steppe and forest-steppe zones of Ukraine and Western Russia. <i>Biologia (Poland)</i> , 2020, 75, 337-353.	0.8	16
2547	Prokaryote Communities Inhabiting Endemic and Newly Discovered Sponges and Octocorals from the Red Sea. <i>Microbial Ecology</i> , 2020, 80, 103-119.	1.4	14
2548	The Effect of Organic Mulching and Irrigation on the Weed Species Composition and the Soil Weed Seed Bank of Tomato. <i>Plants</i> , 2020, 9, 66.	1.6	12
2549	Biodiversity and structure of marine sponge assemblages around a subtropical island. <i>Hydrobiologia</i> , 2020, 847, 1281-1299.	1.0	3
2550	Microphytobenthos diversity and community structure across different micro-estuaries and micro-outlets: Effects of environmental variables on community structure. <i>Environmental Pollution</i> , 2020, 260, 114097.	3.7	3
2551	Influence of sulfonated and diet-derived human milk oligosaccharides on the infant microbiome and immune markers. <i>Journal of Biological Chemistry</i> , 2020, 295, 4035-4048.	1.6	43
2552	Local and landscape drivers of bird abundance, species richness, and trait composition in urban agroecosystems. <i>Urban Ecosystems</i> , 2020, 23, 495-505.	1.1	22
2553	Modelling the effect of directional spatial ecological processes for a river network in Northern Italy. <i>Ecological Indicators</i> , 2020, 112, 106144.	2.6	10
2554	Effect of antimicrobial washout from anaerobic digesters on microbial community composition. <i>Environmental Science: Water Research and Technology</i> , 2020, 6, 1658-1671.	1.2	1
2555	The importance of quantitative trait differentiation in restoration: landscape heterogeneity and functional traits inform seed transfer guidelines. <i>AoB PLANTS</i> , 2020, 12, plaa009.	1.2	14
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2558	Dinoflagellate community structure under a metacommunity perspective: Assessing the relative importance of local filters and spatial dynamics. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 239, 106769.	0.9	1
2559	Combined effects of biological control of an invasive shrub and fluvial processes on riparian vegetation dynamics. <i>Biological Invasions</i> , 2020, 22, 2339-2356.	1.2	12
2560	Environmental and spatial influences on stream zooplankton communities of the Brazilian Cerrado. <i>Community Ecology</i> , 2020, 21, 25-31.	0.5	11
2561	Water quality effects on dragonfly and damselfly nymph communities: A comparison of urban and natural ponds. <i>Environmental Pollution</i> , 2020, 263, 114472.	3.7	20
2562	A new radiolarian transfer function for the Pacific Ocean and application to fossil records: Assessing potential and limitations for the last glacial-interglacial cycle. <i>Global and Planetary Change</i> , 2020, 190, 103186.	1.6	12
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2564	Diversity and seasonal changes in carabid assemblages of a mature, secondary and plantation forest mosaic in the Zhangguangcai Mountains in northeastern China. <i>Insect Conservation and Diversity</i> , 2020, 13, 340-350.	1.4	3
2565	Changes in functional, phylogenetic and taxonomic diversities of lowland fens under different vegetation and disturbance levels. <i>Plant Ecology</i> , 2020, 221, 441-457.	0.7	10
2566	Zooplankton-population dynamics in the Salado-River basin (Buenos Aires, Argentina) in relation to hydraulic works and resulting wetland function. <i>Aquatic Sciences</i> , 2020, 82, 1.	0.6	6
2567	Functional Genomics Differentiate Inherent and Environmentally Influenced Traits in Dinoflagellate and Diatom Communities. <i>Microorganisms</i> , 2020, 8, 567.	1.6	18
2568	Effect of Cobalt, Nickel, and Selenium/Tungsten Deficiency on Mesophilic Anaerobic Digestion of Chemically Defined Soluble Organic Compounds. <i>Microorganisms</i> , 2020, 8, 598.	1.6	21
2569	Pollen-based Holocene quantitative temperature reconstruction on the eastern Tibetan Plateau using a comprehensive method framework. <i>Science China Earth Sciences</i> , 2020, 63, 1144-1160.	2.3	26
2570	A new approach to interpret vegetation and ecosystem changes through time by establishing a correlation between surface pollen and vegetation types in the eastern central Asian desert. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 551, 109762.	1.0	10
2571	Characterizing the floral resources of a North American metropolis using a honey bee foraging assay. <i>Ecosphere</i> , 2020, 11, e03102.	1.0	31
2572	A Molecular Approach to Explore the Background Benthic Fauna Around a Hydrothermal Vent and Their Larvae: Implications for Future Mining of Deep-Sea SMS Deposits. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	10
2573	Variation in soil microbial communities: elucidating relationships with vegetation and soil properties, and testing sampling effectiveness. <i>Plant Ecology</i> , 2020, 221, 837-851.	0.7	13
2574	ASSOCIATION OF TREE COMMUNITIES WITH SOIL PROPERTIES IN A SEMI DECIDUOUS FOREST OF PERLIS, PENINSULAR MALAYSIA. <i>Biotropia</i> , 2020, 27, 69-79.	0.4	2

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2576	Assessing the Ecological Status of the Seekoeivlei Wetland, South Africa: a Nematode Community Case Study. <i>Wetlands</i> , 2020, 40, 1269-1281.	0.7	2
2577	Roles of the environment, vegetation and spatial structure in the species composition of the Heteroptera community. <i>Systematics and Biodiversity</i> , 2020, 18, 29-41.	0.5	0
2578	Lake-depth related pattern of genetic and morphological diatom diversity in boreal Lake Bolshoe Toko, Eastern Siberia. <i>PLoS ONE</i> , 2020, 15, e0230284.	1.1	20
2579	Mobility and potential bioavailability of antimony in contaminated soils: Short-term impact on microbial community and soil biochemical functioning. <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110576.	2.9	29
2580	Multilevel decomposition of spatial and environmental effects on nearshore fish assemblages in tropical semi-enclosed ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 237, 106691.	0.9	9
2581	Driving factors of community-level plant functional traits and species distributions in the desert wetland ecosystem of the Shule River Basin, China. <i>Land Degradation and Development</i> , 2021, 32, 323-337.	1.8	13
2582	Shade coffee plantations maintain woody plant diversity and structure in a cloud forest landscape of southern Mexico. <i>Journal of Forestry Research</i> , 2021, 32, 637-648.	1.7	10
2583	Combined genotype and phenotype analyses reveal patterns of genomic adaptation to local environments in the subtropical oak <i>Quercus acutissima</i> . <i>Journal of Systematics and Evolution</i> , 2021, 59, 541-556.	1.6	19
2584	Tolerant and avoiders in an urban landscape: anuran species richness and functional groups responses in the Yungas forest of NW Argentina. <i>Urban Ecosystems</i> , 2021, 24, 141-152.	1.1	3
2585	Plant functional group drives the community structure of saprophytic fungi in a grassland biodiversity experiment. <i>Plant and Soil</i> , 2021, 461, 91-105.	1.8	50
2586	Partner turnover and changes in ectomycorrhizal fungal communities during the early life stages of European beech (<i>Fagus sylvatica</i> L.). <i>Mycorrhiza</i> , 2021, 31, 43-53.	1.3	0
2587	Ecological impacts of an invasive top predator fish across South America. <i>Science of the Total Environment</i> , 2021, 761, 143296.	3.9	11
2588	A threefold perspective on the role of a pockmark in benthic faunal communities and biodiversity patterns. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 167, 103425.	0.6	8
2589	From delayed succession to alternative successional trajectory: How different moose browsing pressures contribute to forest dynamics following clear-cutting. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	20
2590	Freshwater fish functional and taxonomic diversity above and below Niagara Falls. <i>Environmental Biology of Fishes</i> , 2021, 104, 637-649.	0.4	2
2591	Pollen and plant diversity relationships in a Mediterranean montane area. <i>Vegetation History and Archaeobotany</i> , 2021, 30, 583-594.	1.0	16
2592	Everyone has their limits: reproductive mode drives amphibian responses to land use in coastal areas. <i>Marine and Freshwater Research</i> , 2021, 72, 321.	0.7	4

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2595	When a freshwater invader meets the estuary: the peacock bass and fish assemblages in the São João River, Brazil. <i>Biological Invasions</i> , 2021, 23, 167-179.	1.2	9
2596	Soundscape mapping for spatial-temporal estimate on bird activities in urban forests. <i>Urban Forestry and Urban Greening</i> , 2021, 57, 126822.	2.3	18
2597	Different refuge types dampen exotic invasion and enhance diversity at the whole ecosystem scale in a heterogeneous river system. <i>Biological Invasions</i> , 2021, 23, 443-460.	1.2	11
2598	Rapid species level identification of fish eggs by proteome fingerprinting using MALDI-TOF MS. <i>Journal of Proteomics</i> , 2021, 231, 103993.	1.2	13
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2600	Root trait-microbial relationships across tundra plant species. <i>New Phytologist</i> , 2021, 229, 1508-1520.	3.5	46
2601	Crown-fire severity is more important than ground-fire severity in determining soil fungal community development in the boreal forest. <i>Journal of Ecology</i> , 2021, 109, 504-518.	1.9	31
2602	Microeukaryotic Communities Associated With the Seagrass <i>Zostera marina</i> Are Spatially Structured. <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12827.	0.8	12
2603	Freshwater zooplankton metapopulations and metacommunities respond differently to environmental and spatial variation. <i>Ecology</i> , 2021, 102, e03224.	1.5	8
2604	Changes in sea surface hydrography and productivity in the western equatorial Atlantic since the last interglacial. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 562, 109952.	1.0	5
2605	What makes a better indicator? Taxonomic vs functional response of nematodes to estuarine gradient. <i>Ecological Indicators</i> , 2021, 121, 107113.	2.6	11
2606	Sources, quality and transfers of organic matter in a highly-stratified sub-Arctic coastal system (Saint-Pierre-et-Miquelon, NW Atlantic). <i>Progress in Oceanography</i> , 2021, 190, 102483.	1.5	0
2607	Native plant turnover and limited exotic spread explain swamp biotic differentiation with urbanization. <i>Applied Vegetation Science</i> , 2021, 24, .	0.9	2
2608	Arctic chironomids of the northwest North Atlantic reflect environmental and biogeographic gradients. <i>Journal of Biogeography</i> , 2021, 48, 511-525.	1.4	11
2609	An Agricultural Wealth Index for Multidimensional Wealth Assessments. <i>Population and Development Review</i> , 2021, 47, 237-254.	1.2	7
2610	Deficit irrigation drives maize root distribution and soil microbial communities with implications for soil carbon dynamics. <i>Soil Science Society of America Journal</i> , 2021, 85, 412-422.	1.2	13

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2612	The relative contribution of non-selection and selection processes in marine benthic assemblages. <i>Marine Environmental Research</i> , 2021, 163, 105223.	1.1	0
2613	Climate influences the response of community functional traits to local conditions in bromeliad invertebrate communities. <i>Ecography</i> , 2021, 44, 440-452.	2.1	4
2614	A comparison of vertebrate assemblages at gopher tortoise burrows and stump holes in the longleaf pine ecosystem. <i>Forest Ecology and Management</i> , 2021, 482, 118809.	1.4	5
2615	Drivers of reef fish assemblages in an upwelling region from the Eastern Tropical Pacific Ocean. <i>Journal of Fish Biology</i> , 2021, 98, 1074-1090.	0.7	9
2616	Habitat heterogeneity shapes and shifts scorpion assemblages in a Brazilian seasonal dry tropical forest. <i>Journal of Arid Environments</i> , 2021, 186, 104413.	1.2	5
2617	Socio-ecological drivers of vertebrate biodiversity and human-animal interfaces across an urban landscape. <i>Global Change Biology</i> , 2021, 27, 781-792.	4.2	13
2618	Frequent burning maintained a stable grassland over four decades in the Drakensberg, South Africa. <i>African Journal of Range and Forage Science</i> , 2021, 38, 39-52.	0.6	19
2619	The response of soil multi-functionality to agricultural management practices can be predicted by key soil abiotic and biotic properties. <i>Agriculture, Ecosystems and Environment</i> , 2021, 307, 107206.	2.5	15
2620	Changes in rocky intertidal communities after the 2015 and 2017 El Niño events along the Peruvian coast. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107142.	0.9	6
2621	Root-associated community composition and co-occurrence patterns of fungi in wild grapevine. <i>Fungal Ecology</i> , 2021, 50, 101034.	0.7	5
2622	Large-scale multi-trophic response models and environmental control of pelagic food webs in Quebec lakes. <i>Oikos</i> , 2021, 130, 377-395.	1.2	4
2623	Scale-dependent patterns of metacommunity structuring in aquatic organisms across floodplain systems. <i>Journal of Biogeography</i> , 2021, 48, 872-885.	1.4	32
2624	Short-term effects of wildfire in boreal peatlands: Does fire mitigate the linear footprint of oil and gas exploration?. <i>Ecological Applications</i> , 2021, 31, e02281.	1.8	10
2625	Marine litter footprint in the Azores Islands: A climatological perspective. <i>Science of the Total Environment</i> , 2021, 761, 143310.	3.9	8
2626	Soil prokaryotic community shows no response to 26 years of simulated nitrogen deposition in an arid ecosystem in northwestern China. <i>Environmental Microbiology</i> , 2021, 23, 1222-1237.	1.8	15
2627	Consistent and transient drivers of freshwater zooplankton communities. <i>Journal of Biogeography</i> , 2021, 48, 811-822.	1.4	3
2628	Vegetation management and benthic macroinvertebrate communities in urban stormwater ponds: implications for regional biodiversity. <i>Urban Ecosystems</i> , 2021, 24, 725-735.	1.1	6

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2630	Stirring up the relationship between quantified environmental DNA concentrations and exoskeleton shedding invertebrate densities. <i>Environmental DNA</i> , 2021, 3, 605-618.	3.1	4
2631	Urbanization does not affect green space bird species richness in a mid-sized city. <i>Urban Ecosystems</i> , 2021, 24, 789-800.	1.1	8
2632	Beta diversity and fallow length regulate soil fertility in cocoa agroforestry in the Northern Ecuadorian Amazon. <i>Agricultural Systems</i> , 2021, 187, 103020.	3.2	2
2633	Dispersal ability, trophic position and body size mediate species turnover processes: Insights from a multi-taxa and multi-scale approach. <i>Diversity and Distributions</i> , 2021, 27, 439-453.	1.9	8
2634	Population genomics and history of speciation reveal fishery management gaps in two related redfish species (<i>Sebastes mentella</i> and <i>Sebastes fasciatus</i>). <i>Evolutionary Applications</i> , 2021, 14, 588-606.	1.5	24
2635	Community-level modelling of boreal forest mammal distribution in an oil sands landscape. <i>Science of the Total Environment</i> , 2021, 755, 142500.	3.9	15
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2637	Ascot and Carcote salt flats as sensors of humidity fluctuations and anthropic impacts in the transition zone of the Andean Altiplano. <i>Journal of South American Earth Sciences</i> , 2021, 105, 102934.	0.6	8
2638	Effect of <i>Dichrostachys cinerea</i> encroachment on plant species diversity, functional traits and litter decomposition in an East African savannah ecosystem. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	8
2639	Early avian functional assemblages after fire, clearcutting, and post-fire salvage logging in North American forests. <i>Canadian Journal of Forest Research</i> , 2021, 51, 393-407.	0.8	10
2640	Composition and diversity of phytophilous cladocerans of oxbow lakes of Southwest Amazonian, Acre state, Brazil. <i>Biota Neotropica</i> , 2021, 21, .	0.2	0
2641	Dispersal increases beta diversity in periphytic algae communities of subtropical floodplain lakes. <i>Revista Brasileira De Botanica</i> , 2021, 44, 273-285.	0.5	2
2642	Self-Crossing Leads to Weak Co-Variation of the Bacterial and Fungal Communities in the Rice Rhizosphere. <i>Microorganisms</i> , 2021, 9, 175.	1.6	9
2643	Diversity of Loricariidae (Actinopterygii: Siluriformes) assemblages in two Conservation Areas of the Middle Xingu River, Brazilian Amazon, and their suitability for sustainable ornamental fisheries. <i>Neotropical Ichthyology</i> , 2021, 19, .	0.5	3
2644	Linking modern-day relicts to a Miocene mangrove community of western Amazonia. <i>Palaeobiodiversity and Palaeoenvironments</i> , 2021, 101, 123-140.	0.6	7
2645	Identification of microbial signatures linked to oilseed rape yield decline at the landscape scale. <i>Microbiome</i> , 2021, 9, 19.	4.9	31
2647	Scale sensitivity of environmental effects on the temporal beta diversity of fishes in tropical coastal lagoons. <i>Marine Ecology - Progress Series</i> , 2021, 658, 195-218.	0.9	4

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2648	Size-selective exclusion of mammals and invertebrates differently affects grassland plant communities depending on vegetation type. <i>Journal of Ecology</i> , 2021, 109, 1703-1716.	1.9	2
2649	Climate change as the dominant driver of recent ecological changes in a semi-arid alpine lake from the Chinese Loess Plateau. <i>Journal of Paleolimnology</i> , 2022, 68, 39-57.	0.8	10
2650	Characteristics and driving mechanisms of species beta diversity in desert plant communities. <i>PLoS ONE</i> , 2021, 16, e0245249.	1.1	11
2651	Overstorey composition shapes across-trophic level community relationships in deciduous forest regardless of fragmentation context. <i>Journal of Ecology</i> , 2021, 109, 1591-1606.	1.9	3
2652	Analyzing Forest Ecosystems. <i>Managing Forest Ecosystems</i> , 2021, , 81-158.	0.4	2
2653	Evaluation of Text Clustering Methods and Their Dataspace Embeddings: An Exploration. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2021, , 131-139.	0.1	1
2654	<i>Clostridioides difficile</i> exploits toxin-mediated inflammation to alter the host nutritional landscape and exclude competitors from the gut microbiota. <i>Nature Communications</i> , 2021, 12, 462.	5.8	94
2655	Unraveling the role of environmental factors and dispersal capacity in a metacommunity of Amazonian stream fishes. <i>Aquatic Ecology</i> , 2021, 55, 227-236.	0.7	6
2656	A co-development approach to conservation leads to informed habitat design and rapid establishment of amphibian communities. <i>Ecological Solutions and Evidence</i> , 2021, 2, e12038.	0.8	10
2657	Shifts in the seagrass leaf microbiome associated with wasting disease in. <i>Marine and Freshwater Research</i> , 2021, 72, 1303-1320.	0.7	2
2658	Plant diversity conservation in highly deforested landscapes of the Brazilian Atlantic Forest. <i>Perspectives in Ecology and Conservation</i> , 2021, 19, 69-80.	1.0	1
2659	Monitoring for spatial regimes in rangelands. <i>Rangeland Ecology and Management</i> , 2021, 74, 114-118.	1.1	5
2660	Symbiosis of isoetid plant species with arbuscular mycorrhizal fungi under aquatic versus terrestrial conditions. <i>Mycorrhiza</i> , 2021, 31, 273-288.	1.3	3
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2666	<i>Fusarium graminearum</i> isolates obtained from wheat and wild grasses in northeastern New York display comparable range of phenotypes, including virulence on crop hosts. <i>Journal of Plant Pathology</i> , 2021, 103, 71-77.	0.6	0
2667	Non-predatory mortality of planktonic microcrustaceans (Cladocera and Copepoda) in neotropical semiarid reservoirs. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021, 93, e20190991.	0.3	3
2668	Seeing the wood despite the trees: Exploring human disturbance impact on plant diversity, community structure, and standing biomass in fragmented high Andean forests. <i>Ecology and Evolution</i> , 2021, 11, 2110-2172.	0.8	4
2670	Nonstructural carbohydrates, carbon and nitrogen concentrations in fine roots of <i>Quercus variabilis</i> secondary forests after two different periods of regeneration. <i>Forest Systems</i> , 2021, 30, e001.	0.1	3
2671	The relative importance of spatial and environmental processes in the assembly of larval Chironomidae (Insecta, Diptera) communities along a transition landscape in southern Brazilian streams. <i>Limnology</i> , 2021, 22, 259-268.	0.8	2
2672	A new anthracological sequence from NiÅŸde-KÄ±nÄ±k HÄ±ryÄ¼k (Turkey): woodland vegetation and arboriculture in southern Cappadocia from the Late Bronze Age to the Ottoman Period. <i>Archaeological and Anthropological Sciences</i> , 2021, 13, 1.	0.7	6
2673	Straw retention efficiently improves fungal communities and functions in the fallow ecosystem. <i>BMC Microbiology</i> , 2021, 21, 52.	1.3	20
2674	Diatom community structure in relation to environmental factors in human influenced rivers and streams in tropical Africa. <i>PLoS ONE</i> , 2021, 16, e0246043.	1.1	16
2675	Distribution of demersal fish assemblages along the west coast of St Lucia: Implications for planning no-take marine reserves. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 1354.	0.9	1
2676	Presence of a dominant native shrub is associated with minor shifts in the function and composition of grassland communities in a northern savannah. <i>AoB PLANTS</i> , 2021, 13, plab011.	1.2	0
2677	Bees in the trees: Diverse spring fauna in temperate forest edge canopies. <i>Forest Ecology and Management</i> , 2021, 482, 118903.	1.4	43
2678	Terrestrial Inputs Shape Coastal Bacterial and Archaeal Communities in a High Arctic Fjord (Isfjorden,) Tj ETQq1 1 0,784314 rgBT /Ove	1.5	25
2679	Abiotic conditions shape the relationship between indigenous and exotic species richness in a montane biodiversity hotspot. <i>Plant Ecology</i> , 2021, 222, 421-432.	0.7	3
2680	Past testate amoeba communities in landslide mountain fens (Polish Carpathians): The relationship between shell types and sediment. <i>Holocene</i> , 2021, 31, 954-965.	0.9	6
2681	Shifts in Bacterial Diversity During the Spontaneous Fermentation of Maize Meal as Revealed by Targeted Amplicon Sequencing. <i>Current Microbiology</i> , 2021, 78, 1177-1187.	1.0	0
2682	Diversity of <i>Phytophthora</i> Species Detected in Disturbed and Undisturbed British Soils Using High-Throughput Sequencing Targeting ITS rRNA and COI mtDNA Regions. <i>Forests</i> , 2021, 12, 229.	0.9	16
2683	Does land use influence the local and regional structure of the rotifer assemblage?. <i>Hydrobiologia</i> , 2021, 848, 1059-1072.	1.0	3
2684	The assignment of relevés to pre-existing vegetation units: a comparison of approaches using species fidelity. <i>Annals of Forest Science</i> , 2021, 78, .	0.8	1

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2685	Environmental variables associated with littoral macroinvertebrate community composition in Arctic lakes. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 110-123.	0.7	4
2686	Explainable AI Framework for Multivariate Hydrochemical Time Series. <i>Machine Learning and Knowledge Extraction</i> , 2021, 3, 170-204.	3.2	16
2688	The potential of water security in leveraging Agenda 2030. <i>One Earth</i> , 2021, 4, 258-268.	3.6	28
2689	Taxonomic and functional beta diversity of woody communities along Amazon forest succession: The relative importance of stand age, soil properties and spatial factor. <i>Forest Ecology and Management</i> , 2021, 482, 118885.	1.4	15
2690	Gut microbiota of patients with different subtypes of gastric cancer and gastrointestinal stromal tumors. <i>Gut Pathogens</i> , 2021, 13, 11.	1.6	23
2691	Dietary patterns of phyllostomid bats in interior Atlantic Forest of eastern Paraguay. <i>Journal of Mammalogy</i> , 2021, 102, 685-694.	0.6	6
2692	Hydrological alterations enhance fish invasions: lessons from a Neotropical coastal river. <i>Hydrobiologia</i> , 2021, 848, 2383-2397.	1.0	4
2693	Evaluating a trait-based approach to compare natural enemy and pest communities in agroforestry vs. arable systems. <i>Ecological Applications</i> , 2021, 31, e02294.	1.8	20
2694	The potential of exact sequence variants (ESVs) to interpret and assess the impact of agricultural pressure on stream diatom assemblages revealed by DNA metabarcoding. <i>Ecological Indicators</i> , 2021, 122, 107322.	2.6	30
2695	An ecological analysis of the riparian vegetation for improving the riverine ecosystem management: the case of Lombardy region (North Italy). <i>Landscape and Ecological Engineering</i> , 2021, 17, 375-386.	0.7	7
2697	Factors influencing the biodiversity of three microbial groups within and among islands of the Baltic Sea. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	8
2698	Quantification of the covariation of lake microbiomes and environmental variables using a machine learning-based framework. <i>Molecular Ecology</i> , 2021, 30, 2131-2144.	2.0	11
2699	A new method for indicator species analysis in the framework of multivariate analysis of variance. <i>Journal of Vegetation Science</i> , 2021, 32, e13013.	1.1	3
2700	Postglacial palaeoenvironmental reconstruction of the Fury and Hecla Strait region (Nunavut) inferred from microfossils and geochemical proxies. <i>Journal of Quaternary Science</i> , 0, , .	1.1	2
2701	Bat species composition associated with restinga lagoons from the Paulo César Vinha State Park, Espírito Santo, Brazil. <i>Papeis Avulsos De Zoologia</i> , 0, 61, e20216132.	0.4	4
2702	Variation in Seagrass-Associated Macroinvertebrate Communities Along the Gulf Coast of Peninsular Florida: An Exploration of Patterns and Ecological Consequences. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	10
2703	Microbial Community Shifts Reflect Losses of Native Soil Carbon with Pyrogenic and Fresh Organic Matter Additions and Are Greatest in Low-Carbon Soils. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	9
2704	Flowering fields, organic farming and edge habitats promote diversity of plants and arthropods on arable land. <i>Journal of Applied Ecology</i> , 2021, 58, 1155-1166.	1.9	13

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2705	Composition and diversity of prokaryotic communities sampled from sponges and soft corals in Maldivian waters. <i>Marine Ecology</i> , 2021, 42, e12638.	0.4	5
2706	Management to Promote Flowering Understoreys Benefits Natural Enemy Diversity, Aphid Suppression and Income in an Agroforestry System. <i>Agronomy</i> , 2021, 11, 651.	1.3	10
2707	Soil and shrub differentially determine understorey herbaceous plant richness and abundance in a semi-arid riparian meadow. <i>Community Ecology</i> , 2021, 22, 113-125.	0.5	3
2708	<i>In situ</i> automated imaging, using the Plankton Imager, captures temporal variations in mesozooplankton using the Celtic Sea as a case study. <i>Journal of Plankton Research</i> , 2021, 43, 300-313.	0.8	4
2709	Residential sites increase species loss and cause high temporal changes in functional diversity of dung beetles in an urbanized Brazilian Cerrado landscape. <i>Journal of Insect Conservation</i> , 2021, 25, 417-428.	0.8	6
2710	Coupled effects of environment, space and ecological engineering on seafloor beta-diversity. <i>Ecography</i> , 2021, 44, 966-974.	2.1	4
2711	Factors influencing the structure of macroinvertebrate communities in subarctic lakes affected by wildfires. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 2021, 78, 218-231.	0.7	2
2712	Fine-scale effect of environmental variation and distance from watercourses on pteridophyte assemblage structure in the western Amazon. <i>Folia Geobotanica</i> , 2021, 56, 69-80.	0.4	2
2713	The role of a rosette-shaped plant (<i>Eryngium horridum</i> , Apiaceae) on grassland spiders along a grazing intensity gradient. <i>Insect Conservation and Diversity</i> , 2021, 14, 492-503.	1.4	8
2714	Improving Habitat Quality at the Local and Landscape Scales Increases Wild Bee Assemblages and Associated Pollination Services in Apple Orchards in China. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	12
2715	Evolutionary relationships between drought-related traits and climate shape large hydraulic safety margins in western North American oaks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	41
2716	Effect of a Once in 100-Year Flood on a Subtropical Coastal Phytoplankton Community. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	8
2717	Shifts in root and soil chemistry drive the assembly of belowground fungal communities in tropical land-use systems. <i>Soil Biology and Biochemistry</i> , 2021, 154, 108140.	4.2	22
2718	Environmental filter drives the taxonomic and functional β -diversity of zooplankton in tropical shallow lakes. <i>Hydrobiologia</i> , 2021, 848, 1881-1895.	1.0	20
2719	Patch burning tall fescue invaded grasslands alters alkaloids and tiller defoliation with implications for cattle toxicosis. <i>Rangeland Ecology and Management</i> , 2021, 75, 130-140.	1.1	4
2720	Valley-scale hydrogeomorphology drives river fish assemblage variation in Mongolia. <i>Ecology and Evolution</i> , 2021, 11, 6527-6535.	0.8	9
2721	Delineating the influence of water conditions and landscape on plant communities in eutrophic ditch networks. <i>Wetlands Ecology and Management</i> , 2021, 29, 417-432.	0.7	3
2722	Meaningful Words in Crowd Noise: Searching for Volatiles Relevant to Carpenter Bees among the Diverse Scent Blends of Bee Flowers. <i>Journal of Chemical Ecology</i> , 2021, 47, 444-454.	0.9	8

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2724	Bioassessment of the ecological integrity of freshwater ecosystems using aquatic macroinvertebrates: the case of Sable Island National Park Reserve, Canada. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 257.	1.3	3
2725	Developing a continental-scale testate amoeba hydrological transfer function for Asian peatlands. <i>Quaternary Science Reviews</i> , 2021, 258, 106868.	1.4	16
2726	Comparison of three sampling methods for small-bodied fish in lentic nearshore and open water habitats. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 255.	1.3	4
2727	Submerged Aquatic Vegetation Patch Size Affects Fish Communities in a Turbid-Algal Lake. <i>Frontiers in Conservation Science</i> , 2021, 2, .	0.9	7
2728	Eutrophication alters bacterial co-occurrence networks and increases the importance of chromophoric dissolved organic matter composition. <i>Limnology and Oceanography</i> , 2021, 66, 2319-2332.	1.6	35
2729	Urbanization shapes bird communities and nest survival, but not their food quantity. <i>Global Ecology and Conservation</i> , 2021, 26, e01475.	1.0	7
2730	Sea urchin microbiomes vary with habitat and resource availability. <i>Limnology and Oceanography Letters</i> , 2021, 6, 119-126.	1.6	4
2731	Rainfall seasonality drives the spatiotemporal patterns of dung beetles in Amazonian forests in the arc of deforestation. <i>Journal of Insect Conservation</i> , 2021, 25, 453-463.	0.8	10
2733	Measuring change in biological communities: multivariate analysis approaches for temporal datasets with low sample size. <i>PeerJ</i> , 2021, 9, e11096.	0.9	12
2735	Protected area, easement, and rental contract data reveal five communities of land protection in the United States. <i>Ecological Applications</i> , 2021, 31, e02322.	1.8	3
2736	Unraveling microbiomes associated with decomposition of needles of two <i>Pinus</i> species with contrasting fire-adaptive strategies. <i>Biology and Fertility of Soils</i> , 2021, 57, 715-729.	2.3	2
2737	Invertebrate Responses to Restoration across Benthic and Hyporheic Stream Compartments. <i>Water (Switzerland)</i> , 2021, 13, 996.	1.2	9
2738	Influence of niche and neutral processes on fish communities associated with changes in macrophyte rafts along the hydrological cycle. <i>Biologia (Poland)</i> , 2021, 76, 2551-2560.	0.8	0
2739	Late Holocene Paleoenvironmental Evolution of Two Coastal Lakes in Mediterranean Chile and Its Implications for Conservation Planning. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3478.	1.3	3
2740	Ecological change associated with historic industrial activity in the St. Lawrence River at Cornwall, ON: A paleo-ecotoxicological assessment using subfossil chironomid assemblages. <i>Journal of Great Lakes Research</i> , 2021, 47, 1074-1085.	0.8	4
2741	Woody encroachment of an East African savannah ecosystem alters its arbuscular mycorrhizal fungal communities. <i>Plant and Soil</i> , 2021, 464, 303-320.	1.8	5
2742	The Effects of Road De-icing Salts on Water Quality and Macroinvertebrates in Australian Alpine Areas. <i>Archives of Environmental Contamination and Toxicology</i> , 2022, 82, 266-280.	2.1	9

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2743	Land-Use System and Forest Floor Explain Prokaryotic Metacommunity Structuring and Spatial Turnover in Amazonian Forest-to-Pasture Conversion Areas. <i>Frontiers in Microbiology</i> , 2021, 12, 657508.	1.5	4
2744	Phylogenetic structure as a predictive component of beta diversity: Lessons from a comprehensive Neotropical biogeographic transition. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2021, 49, 125602.	1.1	2
2745	Hydrological, Environmental and Taxonomical Heterogeneity during the Transition from Drying to Flowing Conditions in a Mediterranean Intermittent River. <i>Biology</i> , 2021, 10, 316.	1.3	6
2746	Millennial-scale shifts in microtidal ecosystems during the Holocene: dynamics and drivers of change from the Po Plain coastal record (NE Italy). <i>Journal of Quaternary Science</i> , 2021, 36, 961-979.	1.1	8
2747	Challenges in benchmarking metagenomic profilers. <i>Nature Methods</i> , 2021, 18, 618-626.	9.0	63
2748	A semiparametric model for between-subject attributes: Applications to beta-diversity of microbiome data. <i>Biometrics</i> , 2022, 78, 950-962.	0.8	5
2749	Analysing indoor mycobiomes through a large-scale citizen science study in Norway. <i>Molecular Ecology</i> , 2021, 30, 2689-2705.	2.0	12
2750	Warming-driven shifts in ecological control of fish communities in a large northern Chinese lake over 66 years. <i>Science of the Total Environment</i> , 2021, 770, 144722.	3.9	12
2751	Woody encroachment in grassland elicits complex changes in the functional structure of above- and belowground biota. <i>Ecosphere</i> , 2021, 12, e03512.	1.0	14
2752	Determinants of vegetation regeneration on forest roads following restoration treatments: implications for boreal caribou conservation. <i>Restoration Ecology</i> , 2021, 29, e13414.	1.4	17
2753	Invasive plant-derived dissolved organic matter alters microbial communities and carbon cycling in soils. <i>Soil Biology and Biochemistry</i> , 2021, 156, 108191.	4.2	31
2754	Genomic data support management of anadromous Arctic Char fisheries in Nunavik by highlighting neutral and putatively adaptive genetic variation. <i>Evolutionary Applications</i> , 2021, 14, 1880-1897.	1.5	17
2755	Regularities of Spatiotemporal Dynamics of Chironomid Communities (Chironomidae, Diptera) in the Kuibyshev Reservoir. <i>Water Resources</i> , 2021, 48, 413-419.	0.3	2
2756	Spatial correlation of macroinvertebrate assemblages in streams and the implications for bioassessment programs. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 322.	1.3	0
2757	Resolving whole-plant economics from leaf, stem and root traits of 1467 Amazonian tree species. <i>Oikos</i> , 2021, 130, 1193-1208.	1.2	35
2758	Palynological evidence from a sub-alpine marsh of enhanced Little Ice Age snowpack in the Marrakech High Atlas, North Africa. <i>Vegetation History and Archaeobotany</i> , 2022, 31, 49-66.	1.0	2
2759	Reduced dry season fish biomass and depleted carnivorous fish assemblages in unprotected tropical oxbow lakes. <i>Biological Conservation</i> , 2021, 257, 109090.	1.9	10
2760	Whole lung tissue is the preferred sampling method for amplicon-based characterization of murine lung microbiota. <i>Microbiome</i> , 2021, 9, 99.	4.9	24

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2761	Rapid colonization of aquatic communities in an urban stream after daylighting. <i>Restoration Ecology</i> , 2021, 29, e13394.	1.4	4
2762	Understanding how environmental heterogeneity and elevation drives the distribution of woody communities across vegetation types within the campo rupestre in South America. <i>Journal of Mountain Science</i> , 2021, 18, 1192-1207.	0.8	12
2763	Bryophyte communities in <i>Quercus garryana</i> ecosystems on South East Vancouver Island: Preliminary mesohabitat assessment. <i>Bryologist</i> , 2021, 124, .	0.1	0
2764	First palynological results from lowland sites in the Romanian Banat and their implications for settlement and land use dynamics in the southeastern Carpathian Basin. <i>Quaternary International</i> , 2021, 583, 48-61.	0.7	3
2765	Soil microbial community dynamics indicate disruption of nitrogen cycling by pollution in vegetation buffer zones. <i>Pedobiologia</i> , 2021, 85-86, 150722.	0.5	4
2766	Global Diversity and Biogeography of the <i>Zostera marina</i> Mycobiome. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0279520.	1.4	19
2767	Does non-native black locust afforestation affect soil biodiversity at the regional scale? Case study of soil macroinvertebrates across the Chinese Loess Plateau. <i>Catena</i> , 2021, 200, 105171.	2.2	11
2768	Vascular plant communities in the polar desert of Alert (Ellesmere Island, Canada): Establishment of a baseline reference for the 21st century. <i>Ecoscience</i> , 0, , 1-25.	0.6	2
2769	Genetic differentiation and signatures of local adaptation revealed by RADseq for a highly dispersive mud crab <i>Scylla olivacea</i> (Herbst, 1796) in the Sulu Sea. <i>Ecology and Evolution</i> , 2021, 11, 7951-7969.	0.8	4
2770	Niche differences in co-occurring cryptic coral species (<i>Pocillopora</i> spp.). <i>Coral Reefs</i> , 2022, 41, 767-778.	0.9	17
2771	A comparative study of hard clustering algorithms for vegetation data. <i>Journal of Vegetation Science</i> , 2021, 32, e13042.	1.1	4
2772	Chromophoric dissolved organic matter (CDOM) in a subtropical estuary (Galveston Bay, USA) and the impact of Hurricane Harvey. <i>Environmental Science and Pollution Research</i> , 2021, 28, 53045-53057.	2.7	5
2773	Using the <i>Capitella</i> complex to investigate the effects of sympatric cryptic species distinction on ecological and monitoring studies in coastal areas. <i>Marine Biodiversity</i> , 2021, 51, 1.	0.3	4
2774	Environmental variables and dispersal barriers explain broad-scale variation in tree species composition across Neotropical non-flooded evergreen forests. <i>Journal of Vegetation Science</i> , 2021, 32, e13026.	1.1	4
2775	Seasonal dynamics of mesozooplankton biomass over a sub-Arctic continental shelf. <i>Ecology and Evolution</i> , 2021, 11, 8713-8729.	0.8	2
2776	Response of Fish and Invertebrate Larvae to Backreef Sounds at Varying Distances: Implications for Habitat Restoration. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
2777	Spatial and temporal variation of epigeaic beetle assemblages (Coleoptera, Carabidae, Staphylinidae) in aspen-dominated mixedwood forests across north-central Alberta. <i>ZooKeys</i> , 2021, 1044, 951-991.	0.5	5
2778	Different Active Microbial Communities in Two Contrasted Subantarctic Fjords. <i>Frontiers in Microbiology</i> , 2021, 12, 620220.	1.5	2

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2779	Evaluating sedimentary DNA for tracing changes in cyanobacteria dynamics from sediments spanning the last 350 years of Lake Tiefer See, NE Germany. <i>Journal of Paleolimnology</i> , 2021, 66, 279-296.	0.8	9
2780	Seasonality modulates the direct and indirect influences of forest cover on larval anopheline assemblages in western Amazonia. <i>Scientific Reports</i> , 2021, 11, 12721.	1.6	2
2781	Unravelling climate change impacts from other anthropogenic influences in a subalpine lake: a multi-proxy sediment study from Oberer Soierensee (Northern Alps, Germany). <i>Hydrobiologia</i> , 2021, 848, 4285-4309.	1.0	6
2782	Sinking Diatom Assemblages as a Key Driver for Deep Carbon and Silicon Export in the Scotia Sea (Southern Ocean). <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
2783	Evaluating the congruence between DNA-based and morphological taxonomic approaches in water and sediment trap samples: Analyses of a 36-month time series from a temperate monomictic lake. <i>Limnology and Oceanography</i> , 2021, 66, 3020-3039.	1.6	12
2784	Fish community shifts along a strong fluvial environmental gradient revealed by eDNA metabarcoding. <i>Environmental DNA</i> , 2022, 4, 117-134.	3.1	26
2785	Novel responses of diatoms in neotropical mountain lakes to indigenous and post-European occupation. <i>Anthropocene</i> , 2021, 34, 100294.	1.6	11
2786	Basin-specific records of lake oligotrophication during the middle-to-late Holocene in boreal northeast Ontario, Canada. <i>Holocene</i> , 2021, 31, 1539-1554.	0.9	3
2787	Spatiotemporal and seasonal dynamics in the microbial communities of a landfill-leachate contaminated aquifer. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	16
2788	Vegetation richness, diversity, and structure influence arthropod communities of native and restored northern mixed prairies. <i>Restoration Ecology</i> , 2021, 29, e13407.	1.4	3
2789	Alpha and beta diversity of planktonic microcrustaceans are associated with environmental heterogeneity in the Frades River Basin, Brazil. <i>Studies on Neotropical Fauna and Environment</i> , 2023, 58, 226-237.	0.5	3
2790	Grazing Exclusion Changed the Complexity and Keystone Species of Alpine Meadows on the Qinghai-Tibetan Plateau. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	6
2791	Quantitative paleoecology in shallow-marine settings: The value of ostracods and foraminifers from the Holocene North Adriatic record. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2021, 572, 110408.	1.0	5
2792	Gradient analysis of soil-plant interactions from the alpine-nival ecotone to the snowline on slopes of the Central Great Caucasus (Kazbegi Region, Georgia). <i>Ukrainian Botanical Journal</i> , 2021, 78, 163-175.	0.1	0
2793	Gastropods in the Intertidal Shore of Kota Kinabalu, Sabah (Malaysian Borneo). <i>Borneo Journal of Resource Science and Technology</i> , 2021, 11, 9-23.	0.3	0
2794	Data Poor Approach for the Assessment of the Main Target Species of Rapido Trawl Fishery in Adriatic Sea. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	7
2795	Plants, water quality and land cover as drivers of Odonata assemblages in urban ponds. <i>Science of the Total Environment</i> , 2021, 773, 145467.	3.9	12
2796	Scavenging beetles control the temporal response of soil communities to carrion decomposition. <i>Functional Ecology</i> , 2021, 35, 2033-2044.	1.7	3

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2797	Love thy neighbors? Beneficial and pest arthropod populations in a pear and cherry orchard landscape. <i>Agriculture, Ecosystems and Environment</i> , 2021, 313, 107390.	2.5	5
2798	Molecular gut content analysis indicates the inter- and intra-guild predation patterns of spiders in conventionally managed vegetable fields. <i>Ecology and Evolution</i> , 2021, 11, 9543-9552.	0.8	17
2799	Upland grassland habitats and agricultural environment schemes change soil microarthropod abundance. <i>Journal of Applied Ecology</i> , 2021, 58, 2256-2265.	1.9	4
2800	Legacy of pre-eruption vegetation affects ground-dwelling arthropod communities after different types of volcanic disturbance. <i>Ecology and Evolution</i> , 2021, 11, 9110-9122.	0.8	3
2802	Elevated carbon dioxide reduces a common soybean leaf endophyte. <i>Global Change Biology</i> , 2021, 27, 4154-4168.	4.2	6
2803	Proper environmental DNA metabarcoding data transformation reveals temporal stability of fish communities in a dendritic river system. <i>Environmental DNA</i> , 2021, 3, 1007-1022.	3.1	27
2804	Effect of environmental and spatial factors on small-sized fish assemblages in a tropical river. <i>Acta Amazonica</i> , 2021, 51, 129-138.	0.3	1
2805	Seasonal dynamics of mycoplankton in the Yellow Sea reflect the combined effect of riverine inputs and hydrographic conditions. <i>Molecular Ecology</i> , 2021, 30, 3624-3637.	2.0	11
2806	Biogeography, Assembly Patterns, Driving Factors, and Interactions of Archaeal Community in Mangrove Sediments. <i>MSystems</i> , 2021, 6, e0138120.	1.7	33
2807	16S rRNA Gene Metabarcoding Indicates Species-Characteristic Microbiomes in Deep-Sea Benthic Foraminifera. <i>Frontiers in Microbiology</i> , 2021, 12, 694406.	1.5	2
2808	Invasion disharmony in the global biogeography of native and non-native beetle species. <i>Diversity and Distributions</i> , 2021, 27, 2050-2062.	1.9	17
2809	Seismic line edge effects on plants, lichens and their environmental conditions in boreal peatlands of Northwest Alberta (Canada). <i>Restoration Ecology</i> , 0, , e13468.	1.4	7
2810	Annual course of temperature and precipitation as proximal predictors of birds' responses to climatic changes on the species and community level. <i>Folia Oecologica</i> , 2021, 48, 118-135.	0.4	9
2811	Intraspecific variation in plant-associated herbivore communities is phylogenetically structured in Brassicaceae. <i>Ecology Letters</i> , 2021, 24, 2314-2327.	3.0	8
2812	Linking historical vegetation to bacterial succession under the contrasting climates of the Tibetan Plateau. <i>Ecological Indicators</i> , 2021, 126, 107625.	2.6	6
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2825	Effects of varying retention tree patterns on ground beetle (Coleoptera: Carabidae) taxonomic and functional diversity. <i>Ecosphere</i> , 2021, 12, e03641.	1.0	4
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2828	Fish reproductive activity reveals temporal variations predominating spatial heterogeneity in maintaining high functional diversity of a Neotropical reservoir. <i>Ecology of Freshwater Fish</i> , 2022, 31, 154-163.	0.7	9
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2833	Drivers of changes in soil properties during post-fire succession on Dahurian larch forest. <i>Journal of Soils and Sediments</i> , 0, , 1.	1.5	5
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2905	Local fruit availability and en route wind conditions are poor predictors of bird abundance and composition during fall migration in coastal Yucatán Peninsula. <i>Wilson Journal of Ornithology</i> , 2021, 132, .	0.1	0
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2930	Linking microbial community composition to farming pattern in selenium-enriched region: Potential role of microorganisms on Se geochemistry. <i>Journal of Environmental Sciences</i> , 2022, 112, 269-279.	3.2	9
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2949	An Experimental Test of the Effect of Diet on Preen Wax Composition in New Zealand Silvereyes (<i>Zosterops lateralis</i>). , 2016, , 511-525.		4
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2952	Canonical Ordination. <i>Use R!</i> , 2018, , 203-297.	0.3	21

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3704	Study of gut microbiota alterations in Alzheimer's dementia patients from Kazakhstan. <i>Scientific Reports</i> , 2022, 12, .	1.6	32
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3734	Direct and indirect effects of management and landscape on biological pest control and crop pest infestation in apple orchards. <i>Journal of Applied Ecology</i> , 2023, 60, 181-192.	1.9	3
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3739	Drought Shapes Photosynthetic Production Traits and Water Use Traits along with Their Relationships with Leaves of Typical Desert Shrubs in Qaidam. <i>Forests</i> , 2022, 13, 1652.	0.9	1
3740	Temporal and spatial dynamics of bacterial and fungal microbiomes in nursery soils post-steaming. <i>PhytoFrontiers</i> , 0, , .	0.8	3
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3787	From <i>scp</i> DNA barcodes to ecology: Meta-analysis of central European beetles reveal link with species ecology but also to data pattern and gaps. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	0
3788	Distribution of Soil Microbes in Urban Parks: An Effect of Under-Tree Crown and Hillside Position on Testate Amoeba Assemblages in Subtropics (Shenzhen, China). <i>Land</i> , 2022, 11, 2250.	1.2	0
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3815	Self-filling enclosures to experimentally assess plankton response to pulse nutrient enrichments. <i>Journal of Plankton Research</i> , 2023, 45, 266-277.	0.8	0
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3834	Contrasting roles of landscape compositions on shaping functional traits of arthropod community in subtropical vegetable fields. <i>Agriculture, Ecosystems and Environment</i> , 2023, 347, 108386.	2.5	1
3835	Spatial and Temporal Variations in Waterfowl Assemblage Structures in Mongolian Lakes and the Changes Linked to the Gradient of Lake Surface Areas. <i>Diversity</i> , 2023, 15, 334.	0.7	0
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