

Biological stoichiometry from genes to ecosystems

Ecology Letters

3, 540-550

DOI: [10.1111/j.1461-0248.2000.00185.x](https://doi.org/10.1111/j.1461-0248.2000.00185.x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Use of nitrogen to phosphorus ratios in plant tissue as an indicator of nutrient limitation and nitrogen saturation. <i>Journal of Applied Ecology</i> , 2003, 40, 523-534.	1.9	396
2	N : P ratios in terrestrial plants: variation and functional significance. <i>New Phytologist</i> , 2004, 164, 243-266.	3.5	1,837
3	Assessing the generality of global leaf trait relationships. <i>New Phytologist</i> , 2005, 166, 485-496.	3.5	1,704
4	Leaf nitrogen and phosphorus stoichiometry across 753 terrestrial plant species in China. <i>New Phytologist</i> , 2005, 168, 377-385.	3.5	754
5	Ontogeny, diet shifts, and nutrient stoichiometry in fish. <i>Oikos</i> , 2007, 116, 1663-1674.	1.2	106
6	High variation in foliage and leaf litter chemistry among 45 tree species of a neotropical rainforest community. <i>New Phytologist</i> , 2008, 179, 165-175.	3.5	178
7	Biological stoichiometry of plant production: metabolism, scaling and ecological response to global change. <i>New Phytologist</i> , 2010, 186, 593-608.	3.5	741
8	Stoichiometric flexibility as a regulator of carbon and nutrient cycling in terrestrial ecosystems under change. <i>New Phytologist</i> , 2012, 196, 68-78.	3.5	249
10	Diet quality determines interspecific parasite interactions in host populations. <i>Ecology and Evolution</i> , 2014, 4, 3093-3102.	0.8	32
11	Consistent nutrient storage and supply mediated by diverse fish communities in coral reef ecosystems. <i>Global Change Biology</i> , 2014, 20, 2459-2472.	4.2	76
12	Rhizosphere stoichiometry: are C:N:P ratios of plants, soils, and enzymes conserved at the plant species level?. <i>New Phytologist</i> , 2014, 201, 505-517.	3.5	187
13	Thermodynamic constraints on the utility of ecological stoichiometry for explaining global biogeochemical patterns. <i>Ecology Letters</i> , 2015, 18, 1049-1056.	3.0	74
14	Rapid adaptation of herbivore consumers to nutrient limitation: eco-evolutionary feedbacks to population demography and resource control. <i>Ecology Letters</i> , 2015, 18, 553-562.	3.0	66
15	Heterotrophic bacteria from an extremely phosphate-poor lake have conditionally reduced phosphorus demand and utilize diverse sources of phosphorus. <i>Environmental Microbiology</i> , 2016, 18, 656-667.	1.8	29
16	A quantitative real-time PCR assay for identification and enumeration of the occasionally co-occurring ichthyotoxic <i>Pseudochattonella farcimen</i> and <i>P. verruculosa</i> (Dictyochophyceae) and analysis of variation in gene copy numbers during the growth phase of single and mixed cultures. <i>Journal of Phycology</i> , 2016, 52, 174-183.	1.0	12
17	Biogeochemical drivers of Neotropical ant activity and diversity. <i>Ecosphere</i> , 2016, 7, e01597.	1.0	11
18	Effects of variation in carbon, nitrogen, and phosphorus molarity and stoichiometry on sex determination in the fern <i>Ceratopteris richardii</i> . <i>Botany</i> , 2016, 94, 249-259.	0.5	7
19	Absolute and relative content of carbon and nitrogen differ by sex in <i>Ceratopteris richardii</i> gametophytes. <i>Botany</i> , 2016, 94, 405-410.	0.5	2

#	ARTICLE	IF	CITATIONS
20	Increased phosphate uptake but not resorption alleviates phosphorus deficiency induced by nitrogen deposition in temperate <i>Larix principis-rupprechtii</i> plantations. <i>New Phytologist</i> , 2016, 212, 1019-1029.	3.5	106
21	Thermal adaptation and phosphorus shape thermal performance in an assemblage of rainforest ants. <i>Ecology</i> , 2016, 97, 1038-1047.	1.5	34
22	Assessing trait-based scaling theory in tropical forests spanning a broad temperature gradient. <i>Global Ecology and Biogeography</i> , 2017, 26, 1357-1373.	2.7	57
23	The sex-specific effects of diet quality versus quantity on morphology in <i>Drosophila melanogaster</i> . <i>Royal Society Open Science</i> , 2017, 4, 170375.	1.1	31
24	Environmental dependence of the correlations between stoichiometric and fatty acid-based indicators of phytoplankton nutritional quality. <i>Limnology and Oceanography</i> , 2017, 62, 334-347.	1.6	20
25	Bridging Ecological Stoichiometry and Nutritional Geometry with homeostasis concepts and integrative models of organism nutrition. <i>Functional Ecology</i> , 2017, 31, 286-296.	1.7	79
27	Different Bacterial Communities Involved in Peptide Decomposition between Normoxic and Hypoxic Coastal Waters. <i>Frontiers in Microbiology</i> , 2017, 8, 353.	1.5	26
28	Influence of Phosphorus and Cell Geometry on the Fractionation of Sulfur Isotopes by Several Species of <i>Desulfovibrio</i> during Microbial Sulfate Reduction. <i>Frontiers in Microbiology</i> , 2017, 8, 890.	1.5	11
29	Nutrient Stoichiometry Shapes Microbial Community Structure in an Evaporitic Shallow Pond. <i>Frontiers in Microbiology</i> , 2017, 8, 949.	1.5	62
30	Carbon:Nitrogen:Phosphorus Stoichiometry in Fungi: A Meta-Analysis. <i>Frontiers in Microbiology</i> , 2017, 8, 1281.	1.5	92
31	High Colonization Possibility of Some Species of Weeds in <i>Suaeda salsa</i> Community: From an Ecological Stoichiometry Perspective. <i>PLoS ONE</i> , 2017, 12, e0170401.	1.1	4
32	Seasonal effects of food quality and temperature on body stoichiometry, biochemistry, and biomass production in <i>Daphnia</i> populations. <i>Limnology and Oceanography</i> , 2018, 63, 1727-1740.	1.6	17
33	Methanogens Are Major Contributors to Nitrogen Fixation in Soils of the Florida Everglades. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	51
34	Sodium hydrosulfide modifies the nutrient ratios of soybean (<i>Glycine max</i>) under iron deficiency. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 305-315.	1.1	11
35	Coping with iron limitation: a metabolomic study of <i>Synechocystis</i> sp. PCC 6803. <i>Acta Physiologicae Plantarum</i> , 2018, 40, 1.	1.0	7
36	Litter P content drives consumer production in detritus-based streams spanning an experimental N:P gradient. <i>Ecology</i> , 2018, 99, 347-359.	1.5	34
37	Reconsidering the phosphorus limitation of soil microbial activity in tropical forests. <i>Functional Ecology</i> , 2018, 32, 1145-1154.	1.7	80
38	C:N:P stoichiometry in China's forests: From organs to ecosystems. <i>Functional Ecology</i> , 2018, 32, 50-60.	1.7	168

#	ARTICLE	IF	CITATIONS
39	Phosphorus speciation and C:N:P stoichiometry of functional organic matter fractions in temperate forest soils. <i>Plant and Soil</i> , 2018, 427, 53-69.	1.8	18
40	Infection by the fungal endophyte <i>Epichloa bromicola</i> enhances the tolerance of wild barley (<i>Hordeum brevisubulatum</i>) to salt and alkali stresses. <i>Plant and Soil</i> , 2018, 428, 353-370.	1.8	48
41	Understanding the enhanced litter decomposition of mixed-species plantations of <i>Eucalyptus</i> and <i>Acacia mangium</i> . <i>Plant and Soil</i> , 2018, 423, 141-155.	1.8	29
42	Ecological mechanisms and phylogeny shape invertebrate stoichiometry: A test using detritus-based communities across Central and South America. <i>Functional Ecology</i> , 2018, 32, 2448-2463.	1.7	46
43	High interspecific variation in nutrient excretion within a guild of closely related caddisfly species. <i>Ecosphere</i> , 2018, 9, e02205.	1.0	12
44	Ecological Stoichiometry for Parasitologists. <i>Trends in Parasitology</i> , 2018, 34, 928-933.	1.5	13
45	The scaling of fine root nitrogen versus phosphorus in terrestrial plants: A global synthesis. <i>Functional Ecology</i> , 2019, 33, 2081-2094.	1.7	35
46	C:N:P stoichiometry of perennial herbs' organs in the alpine steppe of the northern Tibetan Plateau. <i>Journal of Mountain Science</i> , 2019, 16, 2039-2047.	0.8	11
47	Age-related variations of needles and twigs in nutrient, nonstructural carbon and isotope composition along altitudinal gradients. <i>Journal of Mountain Science</i> , 2019, 16, 1546-1558.	0.8	2
48	Phytoplankton community responses to temperature fluctuations under different nutrient concentrations and stoichiometry. <i>Ecology</i> , 2019, 100, e02834.	1.5	28
49	Coffee mucilage impact on young coffee seedlings and soil microorganisms. <i>Journal of Plant Nutrition and Soil Science</i> , 2019, 182, 782-790.	1.1	1
50	Stoichiometric Traits Vary Widely Within Species: A Meta-Analysis of Common Garden Experiments. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	17
51	Phosphorus Limits Nitrogen Dynamics in the O Horizon of a Forested Watershed in Maine, USA. <i>Soil Science Society of America Journal</i> , 2019, 83, 1209-1218.	1.2	1
52	Functional shifts in lake zooplankton communities with hypereutrophication. <i>Freshwater Biology</i> , 2019, 64, 608-616.	1.2	22
53	Opening the black box of plant nutrient uptake under warming predicts global patterns in community biomass and biological carbon storage. <i>Oikos</i> , 2019, 128, 1503-1514.	1.2	2
54	Subsidy type and quality determine direction and strength of trophic cascades in arthropod food webs in agroecosystems. <i>Journal of Applied Ecology</i> , 2019, 56, 1982-1991.	1.9	21
55	Evaluating the stoichiometric trait distributions of cultured bacterial populations and uncultured microbial communities. <i>Environmental Microbiology</i> , 2019, 21, 3613-3626.	1.8	5
56	Nitrogen and Phosphorus Resorption in Relation to Nutrition Limitation along the Chronosequence of Black Locust (<i>Robinia pseudoacacia</i> L.) Plantation. <i>Forests</i> , 2019, 10, 261.	0.9	30

#	ARTICLE	IF	CITATIONS
57	Spatial variation in leaf nutrient traits of dominant desert riparian plant species in an arid inland river basin of China. <i>Ecology and Evolution</i> , 2019, 9, 1523-1531.	0.8	9
58	Extreme ecological stoichiometry of a bark beetle—fungus mutualism. <i>Ecological Entomology</i> , 2019, 44, 543-551.	1.1	45
59	Leaf Soluble Carbohydrates, Free Amino Acids, Starch, Total Phenolics, Carbon and Nitrogen Stoichiometry of 24 Aquatic Macrophyte Species Along Climate Gradients in China. <i>Frontiers in Plant Science</i> , 2019, 10, 442.	1.7	9
60	Fear and food: Effects of predator—derived chemical cues and stoichiometric food quality on <i>Daphnia</i> . <i>Limnology and Oceanography</i> , 2019, 64, 1706-1715.	1.6	14
61	Ionome and elemental transport kinetics shaped by parallel evolution in threespine stickleback. <i>Ecology Letters</i> , 2019, 22, 645-653.	3.0	18
62	Editorial: Emerging Frontiers in Ecological Stoichiometry. <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	1
63	Ecological stoichiometry of the epiphyte community in a subtropical forest canopy. <i>Ecology and Evolution</i> , 2019, 9, 14394-14406.	0.8	13
64	Genome—based estimates of fungal rDNA copy number variation across phylogenetic scales and ecological lifestyles. <i>Molecular Ecology</i> , 2019, 28, 721-730.	2.0	163
65	Foliar phosphorus fractions reveal how tropical plants maintain photosynthetic rates despite low soil phosphorus availability. <i>Functional Ecology</i> , 2019, 33, 503-513.	1.7	80
66	Ecological stoichiometry of nitrogen and phosphorus in Moso bamboo (<i>Phyllostachys edulis</i>) during the explosive growth period of new emergent shoots. <i>Journal of Plant Research</i> , 2019, 132, 107-115.	1.2	20
67	Biochar application alleviates unbalanced nutrient uptake caused by N deposition in <i>Torreya grandis</i> trees and seedlings. <i>Forest Ecology and Management</i> , 2019, 432, 319-326.	1.4	22
68	The role of soil redox conditions in microbial phosphorus cycling in humid tropical forests. <i>Ecology</i> , 2020, 101, e02928.	1.5	26
69	Widespread prevalence but contrasting patterns of intragenomic rRNA polymorphisms in nematodes: Implications for phylogeny, species delimitation and life history inference. <i>Molecular Ecology Resources</i> , 2020, 20, 318-332.	2.2	16
70	Nutrient retention and loss during ecosystem succession: revisiting a classic model. <i>Ecology</i> , 2020, 101, e02896.	1.5	21
71	Relationship between ecological stoichiometry and plant community diversity in the upper reaches of Tarim River, northwestern China. <i>Journal of Arid Land</i> , 2020, 12, 227-238.	0.9	5
72	Effects of submergence frequency on soil C:N:P ecological stoichiometry in riparian zones of Hulunbuir steppe. <i>Journal of Soils and Sediments</i> , 2020, 20, 1480-1493.	1.5	11
73	Temporal variation in sediment C, N, and P stoichiometry in a plateau lake during sediment burial. <i>Journal of Soils and Sediments</i> , 2020, 20, 1706-1718.	1.5	10
74	Effects of N and P fertilization on the biomass and ecological stoichiometric characteristics of <i>Agropyron michnoi</i> in sandy grasslands. <i>Chemistry and Ecology</i> , 2020, 36, 938-952.	0.6	5

#	ARTICLE	IF	CITATIONS
75	Response of C, N, and P stoichiometry characteristics of <i>Broussonetia papyrifera</i> to altitude gradients and soil nutrients in the karst rocky ecosystem, SW China. <i>Plant and Soil</i> , 2022, 475, 123-136.	1.8	31
76	Key rules of life and the fading cryosphere: Impacts in alpine lakes and streams. <i>Global Change Biology</i> , 2020, 26, 6644-6656.	4.2	46
77	Biomass:N:K:Ca:Mg:P ratios in forest stands worldwide: Biogeographical variations and environmental controls. <i>Global Ecology and Biogeography</i> , 2020, 29, 2176-2189.	2.7	9
78	Higher nitrogen and phosphorus immobilization in bioflocs is associated with higher temperature and increased suspended solids in shrimp farming with biofloc technology. <i>Aquaculture Research</i> , 2020, 51, 3888-3899.	0.9	4
79	N:P stoichiometric changes via species turnover in arid versus saline desert environments. <i>Ecology and Evolution</i> , 2020, 10, 6636-6645.	0.8	14
80	Phosphorus limitation does not drive loss of bony lateral plates in freshwater stickleback (<i>Gasterosteus aculeatus</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 2088-2104.	1.1	1
81	Effect of phosphorus efficiency on elemental stoichiometry of two shrubs. <i>Plant Biology</i> , 2020, 22, 615-622.	1.8	2
82	The community-level scaling relationship between leaf nitrogen and phosphorus changes with plant growth, climate and nutrient limitation. <i>Journal of Ecology</i> , 2020, 108, 1276-1286.	1.9	32
83	N, P and K stoichiometry and resorption efficiency of nine dominant shrub species in the deserts of Xinjiang, China. <i>Ecological Research</i> , 2020, 35, 625-637.	0.7	9
84	Stoichiometric characteristics in <i>Zanthoxylum planispinum</i> var. <i>dintanensis</i> plantation of different ages. <i>Agronomy Journal</i> , 2021, 113, 685-695.	0.9	6
85	Interactions between bacteria and fungi in macrophyte leaf litter decomposition. <i>Environmental Microbiology</i> , 2021, 23, 1130-1144.	1.8	33
86	Global patterns in leaf stoichiometry across coastal wetlands. <i>Global Ecology and Biogeography</i> , 2021, 30, 852-869.	2.7	22
87	Source and sink activity of <i>Holcus lanatus</i> in response to absolute and relative supply of nitrogen and phosphorus. <i>Functional Plant Biology</i> , 2021, 48, 493.	1.1	2
88	The maximum growth rate hypothesis is correct for eukaryotic photosynthetic organisms, but not cyanobacteria. <i>New Phytologist</i> , 2021, 230, 601-611.	3.5	10
89	Water-washed hydrochar in rice paddy soil reduces N ₂ O and CH ₄ emissions: A whole growth period investigation. <i>Environmental Pollution</i> , 2021, 274, 116573.	3.7	20
90	Litterfall Chemistry Is Modulated by Wet-Dry Seasonality and Leaf Phenology of Dominant Species in the Tropics. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	1.0	8
91	Asymmetric responses of terrestrial C:N:P stoichiometry to precipitation change. <i>Global Ecology and Biogeography</i> , 2021, 30, 1724-1735.	2.7	17
92	Changes in the stoichiometry of <i>Castanopsis fargesii</i> along an elevation gradient in a Chinese subtropical forest. <i>PeerJ</i> , 2021, 9, e11553.	0.9	2

#	ARTICLE	IF	CITATIONS
93	The evolutionary ecology of fatty acid variation: Implications for consumer adaptation and diversification. <i>Ecology Letters</i> , 2021, 24, 1709-1731.	3.0	53
94	Growth-dependent changes in elemental stoichiometry and macromolecular allocation in the coccolithophore <i>Emiliania huxleyi</i> under different environmental conditions. <i>Limnology and Oceanography</i> , 2021, 66, 2999-3009.	1.6	6
95	<i>Leptothrix cholodnii</i> Response to Nutrient Limitation. <i>Frontiers in Microbiology</i> , 2021, 12, 691563.	1.5	4
96	Coupling of different plant functional group, soil, and litter nutrients in a natural secondary mixed forest in the Qinling Mountains, China. <i>Environmental Science and Pollution Research</i> , 2021, 28, 66272-66286.	2.7	5
97	Allocation strategies of carbon, nitrogen and phosphorus following a gradient of wildfire severities. <i>Journal of Plant Ecology</i> , 2022, 15, 347-358.	1.2	6
98	Finding Liebig's law of the minimum. <i>Ecological Applications</i> , 2021, 31, e02458.	1.8	13
99	Growth, Stoichiometry, and Palatability of <i>Suaeda salsa</i> From Different Habitats Are Demonstrated by Differentially Expressed Proteins and Their Enriched Pathways. <i>Frontiers in Plant Science</i> , 2021, 12, 733882.	1.7	6
100	The Effect of Nutrients and N:P Ratio on Microbial Communities: Testing the Growth Rate Hypothesis and Its Extensions in Lagunita Pond (Churince). <i>Cuatro Cielnegas Basin: an Endangered Hyperdiverse Oasis</i> , 2018, , 31-41.	0.4	6
101	The Rate-Size Trade-Off Structures Intraspecific Variation in <i>Daphnia ambigua</i> Life History Parameters. <i>PLoS ONE</i> , 2013, 8, e81024.	1.1	11
102	Plant Fertilization Interacts with Life History: Variation in Stoichiometry and Performance in Nettle-Feeding Butterflies. <i>PLoS ONE</i> , 2015, 10, e0124616.	1.1	18
104	Stoichiometric constraints modulate temperature and nutrient effects on biomass distribution and community stability. <i>Oikos</i> , 2022, 2022, .	1.2	3
107	<i>In situ</i> research of relationship between cellular N/P of dominate algae species and limitation evaluation in Pengxi River of the Three Gorges Reservoir. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2018, 30, 1284-1294.	0.3	0
108	The Effect of Nutrient Availability on the Ecological Role of Filamentous Microfungi: Lessons from Elemental Stoichiometry. <i>Cuatro Cielnegas Basin: an Endangered Hyperdiverse Oasis</i> , 2018, , 43-53.	0.4	2
109	Shifting stoichiometry: Long-term trends in stream-dissolved organic matter reveal altered C:N ratios due to history of atmospheric acid deposition. <i>Global Change Biology</i> , 2022, 28, 98-114.	4.2	22
110	Water addition promotes vegetation recovery of degraded alpine meadows by regulating soil enzyme activity and nutrients in the Qinghai-Tibetan Plateau. <i>Ecological Engineering</i> , 2020, 158, 106047.	1.6	11
111	On the importance of stoichiometric constraints for understanding global change effects on food web dynamics. <i>Peer Community in Ecology</i> , 0, , 100039.	0.0	0
112	Environmental stoichiometry mediates phytoplankton diversity effects on communities' resource use efficiency and biomass. <i>Journal of Ecology</i> , 2022, 110, 430-442.	1.9	9
113	Ecosystem Control: A Top-Down View. , 2022, , 47-62.		0

#	ARTICLE	IF	CITATIONS
114	Effects of sodium hydrosulfide and rhizobia on the growth rate, nutrient stoichiometry, and nutrient resorption of soybean (<i>Glycine max</i> L.) [#] . <i>Journal of Plant Nutrition and Soil Science</i> , 2022, 185, 69-86.	1.1	6
115	Coupling between Ribotypic and Phenotypic Traits of Protists across Life Cycle Stages and Temperatures. <i>Microbiology Spectrum</i> , 2021, 9, e0173821.	1.2	11
116	Marine Biogeochemical Cycles. <i>The Microbiomes of Humans, Animals, Plants, and the Environment</i> , 2022, , 623-671.	0.2	1
117	Effects of Warming and Phosphorus Enrichment on the C:N:P Stoichiometry of <i>Potamogeton crispus</i> Organs. <i>Frontiers in Plant Science</i> , 2022, 13, 814255.	1.7	3
118	Predictive metabolomics of multiple Atacama plant species unveils a core set of generic metabolites for extreme climate resilience. <i>New Phytologist</i> , 2022, 234, 1614-1628.	3.5	17
119	Micronutrient content drives elementome variability amongst the Symbiodiniaceae. <i>BMC Plant Biology</i> , 2022, 22, 184.	1.6	9
120	Eutrophication-driven eco-evolutionary dynamics indicated by differences in stoichiometric traits among populations of <i>Daphnia pulex</i> . <i>Freshwater Biology</i> , 2022, 67, 353-364.	1.2	3
121	Phytoplankton antioxidant systems and their contributions to cellular elemental stoichiometry. <i>Limnology and Oceanography Letters</i> , 2022, 7, 96-111.	1.6	3
122	Nutrient retention efficiencies in integrated multi-trophic aquaculture. <i>Reviews in Aquaculture</i> , 2022, 14, 1194-1212.	4.6	15
123	Influence of N:P Ratio of Water on Ecological Stoichiometry of <i>Vallisneria spiralis</i> and <i>Hydrilla verticillata</i> . <i>Water (Switzerland)</i> , 2022, 14, 1263.	1.2	4
124	Variation in Soil Bacterial and Fungal Community Composition at Different Successional Stages of a Broad-Leaved Korean Pine Forest in the Lesser Hinggan Mountains. <i>Forests</i> , 2022, 13, 625.	0.9	11
126	Differences of carbon and nitrogen stoichiometry between different habitats in two natural Korean pine forests in Northeast China's mountainous areas. <i>Journal of Mountain Science</i> , 2022, 19, 1324-1335.	0.8	1
127	Investing the Stoichiometric Coupling between Phytoplankton and Zooplankton in Freshwater. <i>International Journal of Ecology</i> , 2022, 11, 163-171.	0.0	0
128	Dynamic Phycobilin Pigment Variations in Diazotrophic and Non-diazotrophic Cyanobacteria Batch Cultures Under Different Initial Nitrogen Concentrations. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	0
129	Leaf N:P ratio does not predict productivity trends across natural terrestrial ecosystems. <i>Ecology</i> , 2022, 103, .	1.5	8
130	Effects of Elevation on Ecological Stoichiometry of Plant Leaves, Litter, and Soils in <i>Pseudotsuga sinensis</i> Forest in the Karst Mountain region, Southwest China. <i>Journal of Soil Science and Plant Nutrition</i> , 2022, 22, 3582-3597.	1.7	3
131	Revisiting the growth rate hypothesis: Towards a holistic stoichiometric understanding of growth. <i>Ecology Letters</i> , 2022, 25, 2324-2339.	3.0	17
132	Thermal sensitivity modulates temporal patterns of ecosystem functioning by freshwater mussels. <i>Freshwater Biology</i> , 2022, 67, 2064-2077.	1.2	2

#	ARTICLE	IF	CITATIONS
133	Recovery of soil microbial biomass, stoichiometry, and herbivore layer diversity with chronosequence of farmland land abandonment in the central Himalayas, India. <i>Restoration Ecology</i> , 0, , .	1.4	3
134	Allometric scaling improves the characterization of complex community transcriptomes. <i>Molecular Ecology Resources</i> , 2023, 23, 10-12.	2.2	1
135	Analysis of nutrient resorption efficiency and homeostasis of four tree species in Kanas natural forest, Xinjiang, China. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	1
136	Warming causes variability in SOM decomposition in N- and P-fertilizer-treated topsoil in a subtropical coniferous plantation. <i>European Journal of Soil Science</i> , 0, , .	1.8	1
137	Response of leaf biomass, leaf and soil C:N:P stoichiometry characteristics to different site conditions and forest ages: a case of <i>Pinus tabulaeformis</i> plantations in the temperate mountainous area of China. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
138	Food web efficiency in desert streams. <i>Limnology and Oceanography</i> , 2023, 68, 723-734.	1.6	0
139	Litter, Root, and Mycorrhiza Input Affected Soil Microbial Community Structure in <i>Schima superba</i> Pure Forest in Subtropical China. <i>Diversity</i> , 2023, 15, 82.	0.7	2
140	Response of cyanobacterial mats to ambient phosphate fluctuations: phosphorus cycling, polyphosphate accumulation and stoichiometric flexibility. <i>ISME Communications</i> , 2023, 3, .	1.7	4
141	Ecological Stoichiometry of Soil Carbon, Nitrogen and Phosphorus in Reclaimed Farmland in Coal Mining Subsidence Area. <i>Journal of Soil Science and Plant Nutrition</i> , 2023, 23, 2498-2511.	1.7	3
142	Patterns and driving factors of ecological stoichiometry in system of deadwood and soil in mountains forest ecosystem. <i>Scientific Reports</i> , 2023, 13, .	1.6	1