

Han Y H Chen

List of Publications by Year in descending order

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389
papers

21,070
citations

10956

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18606

119
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417
all docs

417
docs citations

417
times ranked

16871
citing authors

#	ARTICLE	IF	CITATIONS
1	A global meta-analysis on the responses of C and N concentrations to warming in terrestrial ecosystems. <i>Catena</i> , 2022, 208, 105762.	2.2	23
2	Biodiversity alleviates the decrease of grassland multifunctionality under grazing disturbance: A global meta-analysis. <i>Global Ecology and Biogeography</i> , 2022, 31, 155-167.	2.7	32
3	The effects of functional diversity and identity (acquisitive versus conservative strategies) on soil carbon stocks are dependent on environmental contexts. <i>Forest Ecology and Management</i> , 2022, 503, 119820.	1.4	7
4	Allometric models for aboveground biomass of six common subtropical shrubs and small trees. <i>Journal of Forestry Research</i> , 2022, 33, 1317-1328.	1.7	5
5	Contrasting plant responses to multivariate environmental variations among species with divergent elevation shifts. <i>Ecological Applications</i> , 2022, 32, e02488.	1.8	5
6	Understory diversity are driven by resource availability rather than resource heterogeneity in subtropical forests. <i>Forest Ecology and Management</i> , 2022, 503, 119781.	1.4	13
7	Carbon and nitrogen dynamics in tropical ecosystems following fire. <i>Global Ecology and Biogeography</i> , 2022, 31, 378-391.	2.7	8
8	Foliar nutrient resorption dynamics of trembling aspen and white birch during secondary succession in the boreal forest of central Canada. <i>Forest Ecology and Management</i> , 2022, 505, 119876.	1.4	9
9	Effects of roots systems on hydrological connectivity below the soil surface in the Yellow River Delta wetland. <i>Ecohydrology</i> , 2022, 15, e2393.	1.1	5
10	Smartforests Canada: A Network of Monitoring Plots for Forest Management Under Environmental Change. <i>Managing Forest Ecosystems</i> , 2022, , 521-543.	0.4	6
11	Natural forest chronosequence maintains better soil fertility indicators and assemblage of total belowground soil biota than Chinese fir monoculture in subtropical ecosystem. <i>Journal of Cleaner Production</i> , 2022, 334, 130228.	4.6	11
12	Intensive plantations decouple fine root C:N:P in subtropical forests. <i>Forest Ecology and Management</i> , 2022, 505, 119901.	1.4	7
13	The number of tree species on Earth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	86
14	Water Level Has Higher Influence on Soil Organic Carbon and Microbial Community in Poyang Lake Wetland Than Vegetation Type. <i>Microorganisms</i> , 2022, 10, 131.	1.6	21
15	Functionally diverse tree stands reduce herbaceous diversity and productivity via canopy packing. <i>Functional Ecology</i> , 2022, 36, 950-961.	1.7	5
16	Plant diversity increases the abundance and diversity of soil fauna: A meta-analysis. <i>Geoderma</i> , 2022, 411, 115694.	2.3	17
17	Arbuscular mycorrhizal fungi enhanced salt tolerance of <i>Gleditsia sinensis</i> by modulating antioxidant activity, ion balance and P/N ratio. <i>Plant Growth Regulation</i> , 2022, 97, 33-49.	1.8	17
18	Enhancement of saccharification of corn stover by cellulolytic enzyme produced from biomass-degrading bacteria. <i>BioResources</i> , 2022, 17, 1301-1318.	0.5	1

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19	Ecosystem restoration and belowground multifunctionality: A network view. <i>Ecological Applications</i> , 2022, 32, e2575.	1.8	11
20	Long-Term Forest Conversion Affects Soil Stability and Humic Substances in Aggregate Fractions in Subtropical China. <i>Forests</i> , 2022, 13, 339.	0.9	2
21	Forest Conversion and Soil Depth Can Modify the Contributions of Organic and Inorganic Colloids to the Stability of Soil Aggregates. <i>Forests</i> , 2022, 13, 546.	0.9	5
22	Field-based tree mortality constraint reduces estimates of model-projected forest carbon sinks. <i>Nature Communications</i> , 2022, 13, 2094.	5.8	8
23	Advanced research tools for fungal diversity and its impact on forest ecosystem. <i>Environmental Science and Pollution Research</i> , 2022, 29, 45044-45062.	2.7	12
24	Arbuscular Mycorrhizal Fungi Promote <i>Gleditsia sinensis</i> Lam. Root Growth under Salt Stress by Regulating Nutrient Uptake and Physiology. <i>Forests</i> , 2022, 13, 688.	0.9	10
25	Higher tree diversity is linked to higher tree mortality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2013171119.	3.3	15
26	Meta-analysis shows that plant mixtures increase soil phosphorus availability and plant productivity in diverse ecosystems. <i>Nature Ecology and Evolution</i> , 2022, 6, 1112-1121.	3.4	43
27	Arbuscular mycorrhizal fungi communities associated with wild plants in a coastal ecosystem. <i>Journal of Forestry Research</i> , 2021, 32, 683-695.	1.7	15
28	Climate-driven Yield Variability for Winter Wheat in Henan Province, North China and its Relation to Large-scale Atmospheric Circulation Indices. <i>International Journal of Plant Production</i> , 2021, 15, 79-91.	1.0	4
29	Global responses of fine root biomass and traits to plant species mixtures in terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , 2021, 30, 289-304.	2.7	33
30	The stoichiometry of leaf nitrogen and phosphorus resorption in plantation forests. <i>Forest Ecology and Management</i> , 2021, 483, 118743.	1.4	8
31	Tree species composition and selection effects drive overstory and understory productivity in reforested oil sands mining sites. <i>Land Degradation and Development</i> , 2021, 32, 1135-1147.	1.8	1
32	Global negative effects of nutrient enrichment on arbuscular mycorrhizal fungi, plant diversity and ecosystem multifunctionality. <i>New Phytologist</i> , 2021, 229, 2957-2969.	3.5	84
33	The use of Biolog Eco microplates to compare the effects of sulfuric and nitric acid rain on the metabolic functions of soil microbial communities in a subtropical plantation within the Yangtze River Delta region. <i>Catena</i> , 2021, 198, 105039.	2.2	23
34	Understory vegetation dynamics of Chinese fir plantations and natural secondary forests in subtropical China. <i>Forest Ecology and Management</i> , 2021, 483, 118750.	1.4	31
35	Negative to positive shifts in diversity effects on soil nitrogen over time. <i>Nature Sustainability</i> , 2021, 4, 225-232.	11.5	67
36	Conspecific and heterospecific crowding facilitate tree survival in a tropical karst seasonal rainforest. <i>Forest Ecology and Management</i> , 2021, 481, 118751.	1.4	10

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37	Long-term, amplified responses of soil organic carbon to nitrogen addition worldwide. <i>Global Change Biology</i> , 2021, 27, 1170-1180.	4.2	111
38	Functions of mineral-solubilizing microbes and a water retaining agent for the remediation of abandoned mine sites. <i>Science of the Total Environment</i> , 2021, 761, 143215.	3.9	18
39	Effects of Mineral-Solubilizing Microorganisms on Root Growth, Soil Nutrient Content, and Enzyme Activities in the Rhizosphere Soil of <i>Robinia pseudoacacia</i> . <i>Forests</i> , 2021, 12, 60.	0.9	13
40	Potential range expansion and niche shift of the invasive <i>Hyphantria cunea</i> between native and invasive countries. <i>Ecological Entomology</i> , 2021, 46, 910-925.	1.1	19
41	Global soil microbial biomass decreases with aridity and land-use intensification. <i>Global Ecology and Biogeography</i> , 2021, 30, 1056-1069.	2.7	27
42	Diversity and identity of economics traits determine the extent of tree mixture effects on ecosystem productivity. <i>Journal of Ecology</i> , 2021, 109, 1898-1908.	1.9	6
43	Elevated CO ₂ shifts soil microbial communities from <i>K</i> -to <i>r</i> -strategists. <i>Global Ecology and Biogeography</i> , 2021, 30, 961-972.	2.7	32
44	Rock-Solubilizing Microbial Inoculums Have Enormous Potential as Ecological Remediation Agents to Promote Plant Growth. <i>Forests</i> , 2021, 12, 357.	0.9	8
45	Maximum Entropy Modeling to Predict the Impact of Climate Change on Pine Wilt Disease in China. <i>Frontiers in Plant Science</i> , 2021, 12, 652500.	1.7	66
46	Effects of Vegetation Type on Soil Shear Strength in Fengyang Mountain Nature Reserve, China. <i>Forests</i> , 2021, 12, 490.	0.9	8
47	Rapid functional shifts across high latitude forests over the last 65 years. <i>Global Change Biology</i> , 2021, 27, 3846-3858.	4.2	8
48	A Multi-Objective Decision Making System (MDMS) for a Small Agricultural Watershed Based on Meta-Heuristic Optimization Coupling Simulation. <i>Water (Switzerland)</i> , 2021, 13, 1338.	1.2	3
49	Asymmetric responses of terrestrial C:N:P stoichiometry to precipitation change. <i>Global Ecology and Biogeography</i> , 2021, 30, 1724-1735.	2.7	17
50	Effects of elevated CO ₂ on the C:N stoichiometry of plants, soils, and microorganisms in terrestrial ecosystems. <i>Catena</i> , 2021, 201, 105219.	2.2	28
51	Relationships Between Leaf Carbon and Macronutrients Across Woody Species and Forest Ecosystems Highlight How Carbon Is Allocated to Leaf Structural Function. <i>Frontiers in Plant Science</i> , 2021, 12, 674932.	1.7	22
52	Tree species composition and nutrient availability affect soil microbial diversity and composition across forest types in subtropical China. <i>Catena</i> , 2021, 201, 105224.	2.2	14
53	Precipitation manipulation and terrestrial carbon cycling: The roles of treatment magnitude, experimental duration and local climate. <i>Global Ecology and Biogeography</i> , 2021, 30, 1909-1921.	2.7	20
54	Plant mixture balances terrestrial ecosystem C:N:P stoichiometry. <i>Nature Communications</i> , 2021, 12, 4562.	5.8	61

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55	Scaling up experimental stress responses of grass invasion to predictions of continental-level range suitability. <i>Ecology</i> , 2021, 102, e03417.	1.5	5
56	Transition from N to P limited soil nutrients over time since restoration in degraded subtropical broadleaved mixed forests. <i>Forest Ecology and Management</i> , 2021, 494, 119298.	1.4	27
57	Honeycomb-like 2D metal-organic polyhedral framework exhibiting selectively adsorption of CO ₂ . <i>Journal of Solid State Chemistry</i> , 2021, 300, 122230.	1.4	5
58	Differential response of soil microbial and animal communities along the chronosequence of <i>Cunninghamia lanceolata</i> at different soil depth levels in subtropical forest ecosystem. <i>Journal of Advanced Research</i> , 2021, 38, 41-54.	4.4	11
59	Meta-analysis shows non-uniform responses of above- and belowground productivity to drought. <i>Science of the Total Environment</i> , 2021, 782, 146901.	3.9	20
60	Fine root biomass and necromass dynamics of Chinese fir plantations and natural secondary forests in subtropical China. <i>Forest Ecology and Management</i> , 2021, 496, 119413.	1.4	16
61	Biological pretreatment of corn stover for enhancing enzymatic hydrolysis using <i>Bacillus</i> sp. P3. <i>Bioresources and Bioprocessing</i> , 2021, 8, 92.	2.0	5
62	Global patterns of leaf construction traits and their covariation along climate and soil environmental gradients. <i>New Phytologist</i> , 2021, 232, 1648-1660.	3.5	18
63	Restoration in degraded subtropical broadleaved forests induces changes in soil bacterial communities. <i>Global Ecology and Conservation</i> , 2021, 30, e01775.	1.0	4
64	Microenvironment filtering and plant competition jointly structure trait distributions across co-occurring individuals. <i>Ecological Indicators</i> , 2021, 129, 107893.	2.6	4
65	Water availability regulates tree mixture effects on total and heterotrophic soil respiration: A three-year field experiment. <i>Geoderma</i> , 2021, 402, 115259.	2.3	6
66	Contribution of root traits to variations in soil microbial biomass and community composition. <i>Plant and Soil</i> , 2021, 460, 483-495.	1.8	20
67	High-level rather than low-level warming destabilizes plant community biomass production. <i>Journal of Ecology</i> , 2021, 109, 1607-1617.	1.9	16
68	Climatic change only stimulated growth for trees under weak competition in central boreal forests. <i>Journal of Ecology</i> , 2020, 108, 36-46.	1.9	31
69	Effects of plant diversity on soil carbon in diverse ecosystems: a global meta-analysis. <i>Biological Reviews</i> , 2020, 95, 167-183.	4.7	107
70	Complementarity effects are strengthened by competition intensity and global environmental change in the central boreal forests of Canada. <i>Ecology Letters</i> , 2020, 23, 79-87.	3.0	34
71	Tree diversity is key for promoting the diversity and abundance of forest-associated taxa in Europe. <i>Oikos</i> , 2020, 129, 133-146.	1.2	80
72	Plant-insect vector-virus interactions under environmental change. <i>Science of the Total Environment</i> , 2020, 701, 135044.	3.9	28

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73	Tissue-specific transcriptome for <i>Dendrobium officinale</i> reveals genes involved in flavonoid biosynthesis. <i>Genomics</i> , 2020, 112, 1781-1794.	1.3	50
74	The effect of species diversity on tree growth varies during forest succession in the boreal forest of central Canada. <i>Forest Ecology and Management</i> , 2020, 455, 117641.	1.4	26
75	Functional diversity enhances, but exploitative traits reduce tree mixture effects on microbial biomass. <i>Functional Ecology</i> , 2020, 34, 276-286.	1.7	12
76	Long term forest conversion affected soil nanoscale pores in subtropical China. <i>Catena</i> , 2020, 185, 104289.	2.2	12
77	Soil Water Availability Drives Changes in Community Traits Along a Hydrothermal Gradient in Loess Plateau Grasslands. <i>Rangeland Ecology and Management</i> , 2020, 73, 276-284.	1.1	1
78	Spatial variation in climate modifies effects of functional diversity on biomass dynamics in natural forests across Canada. <i>Global Ecology and Biogeography</i> , 2020, 29, 682-695.	2.7	21
79	Whole soil acidification and base cation reduction across subtropical China. <i>Geoderma</i> , 2020, 361, 114107.	2.3	50
80	Global meta-analysis on the responses of soil extracellular enzyme activities to warming. <i>Science of the Total Environment</i> , 2020, 705, 135992.	3.9	79
81	Variation and evolution of C:N ratio among different organs enable plants to adapt to N-limited environments. <i>Global Change Biology</i> , 2020, 26, 2534-2543.	4.2	124
82	Coherent responses of terrestrial C:N stoichiometry to drought across plants, soil, and microorganisms in forests and grasslands. <i>Agricultural and Forest Meteorology</i> , 2020, 292-293, 108104.	1.9	31
83	Cellulose dominantly affects soil fauna in the decomposition of forest litter: A meta-analysis. <i>Geoderma</i> , 2020, 378, 114620.	2.3	23
84	Responses of C:N stoichiometry in plants, soil, and microorganisms to nitrogen addition. <i>Plant and Soil</i> , 2020, 456, 277-287.	1.8	39
85	Latitudinal Diversity Gradients and Rapoport Effects in Chinese Endemic Woody Seed Plants. <i>Forests</i> , 2020, 11, 1029.	0.9	5
86	Evaluating Heathland Restoration Belowground Using Different Quality Indices of Soil Chemical and Biological Properties. <i>Agronomy</i> , 2020, 10, 1140.	1.3	5
87	Functional and phylogenetic diversity promote litter decomposition across terrestrial ecosystems. <i>Global Ecology and Biogeography</i> , 2020, 29, 2261-2272.	2.7	32
88	Decadal-scale Recovery of Carbon Stocks After Wildfires Throughout the Boreal Forests. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2020GB006612.	1.9	19
89	Role of environmental factors in shaping the soil microbiome. <i>Environmental Science and Pollution Research</i> , 2020, 27, 41225-41247.	2.7	68
90	Background nitrogen deposition controls the effects of experimental nitrogen addition on soil gross N transformations in forest ecosystems. <i>Biogeochemistry</i> , 2020, 151, 335-341.	1.7	7

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91	Comparative physiological mechanisms of arbuscular mycorrhizal fungi in mitigating salt-induced adverse effects on leaves and roots of <i>Zelkova serrata</i> . <i>Mycorrhiza</i> , 2020, 30, 341-355.	1.3	17
92	Late-spring frost risk between 1959 and 2017 decreased in North America but increased in Europe and Asia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12192-12200.	3.3	140
93	The C:N:P Stoichiometry of Planted and Natural <i>Larix principis-rupprechtii</i> Stands along Altitudinal Gradients on the Loess Plateau, China. <i>Forests</i> , 2020, 11, 363.	0.9	9
94	Global variations and controlling factors of soil nitrogen turnover rate. <i>Earth-Science Reviews</i> , 2020, 207, 103250.	4.0	35
95	Drought stress induced increase of fungi:bacteria ratio in a poplar plantation. <i>Catena</i> , 2020, 193, 104607.	2.2	57
96	Traits mediate drought effects on wood carbon fluxes. <i>Global Change Biology</i> , 2020, 26, 3429-3442.	4.2	15
97	Interactive effects of global change factors on terrestrial net primary productivity are treatment length and intensity dependent. <i>Journal of Ecology</i> , 2020, 108, 2083-2094.	1.9	19
98	Response of Plants to Water Stress: A Meta-Analysis. <i>Frontiers in Plant Science</i> , 2020, 11, 978.	1.7	85
99	Silicon-mediated plant defense against pathogens and insect pests. <i>Pesticide Biochemistry and Physiology</i> , 2020, 168, 104641.	1.6	62
100	Global pattern and drivers of nitrogen saturation threshold of grassland productivity. <i>Functional Ecology</i> , 2020, 34, 1979-1990.	1.7	29
101	Carbon accumulation in agroforestry systems is affected by tree species diversity, age and regional climate: A global meta-analysis. <i>Global Ecology and Biogeography</i> , 2020, 29, 1817-1828.	2.7	52
102	Sustainability of Canada's forestry sector may be compromised by impending climate change. <i>Forest Ecology and Management</i> , 2020, 474, 118352.	1.4	26
103	The Effects of Ecological Factors on the Main Medicinal Components of <i>Dendrobium officinale</i> under Different Cultivation Modes. <i>Forests</i> , 2020, 11, 94.	0.9	41
104	Afforestation promotes the enhancement of forest LAI and NPP in China. <i>Forest Ecology and Management</i> , 2020, 462, 117990.	1.4	59
105	The stoichiometry of soil microbial biomass determines metabolic quotient of nitrogen mineralization. <i>Environmental Research Letters</i> , 2020, 15, 034005.	2.2	21
106	Linking leaf-level morphological and physiological plasticity to seedling survival and growth of introduced Canadian sugar maple to elevated precipitation under warming. <i>Forest Ecology and Management</i> , 2020, 457, 117758.	1.4	2
107	Comparative effects of the recovery from sulfuric and nitric acid rain on the soil enzyme activities and metabolic functions of soil microbial communities. <i>Science of the Total Environment</i> , 2020, 714, 136788.	3.9	25
108	Comparative Transcriptome Analysis of Different <i>Dendrobium</i> Species Reveals Active Ingredients-Related Genes and Pathways. <i>International Journal of Molecular Sciences</i> , 2020, 21, 861.	1.8	23

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109	Projected effects of climate change on boreal bird community accentuated by anthropogenic disturbances in western boreal forest, Canada. <i>Diversity and Distributions</i> , 2020, 26, 668-682.	1.9	47
110	Application of biogas slurry rather than biochar increases soil microbial functional gene signal intensity and diversity in a poplar plantation. <i>Soil Biology and Biochemistry</i> , 2020, 146, 107825.	4.2	28
111	Effects of mineral-solubilizing microbial strains on the mechanical responses of roots and root-reinforced soil in external-soil spray seeding substrate. <i>Science of the Total Environment</i> , 2020, 723, 138079.	3.9	15
112	Comparison of stand characteristic parameters and biomass estimations from light detection and ranging and structure-from-motion point clouds. <i>Journal of Applied Remote Sensing</i> , 2020, 14, 1.	0.6	1
113	Biochar-Induced Priming Effects in Young and Old Poplar Plantation Soils. <i>Phyton</i> , 2020, 89, 13-26.	0.4	4
114	Divergent temporal trends of net biomass change in western Canadian boreal forests. <i>Journal of Ecology</i> , 2019, 107, 69-78.	1.9	17
115	Water scaling of ecosystem carbon cycle feedback to climate warming. <i>Science Advances</i> , 2019, 5, eaav1131.	4.7	118
116	Arbuscular Mycorrhizal Fungi Effectively Enhances the Growth of <i>Gleditsia sinensis</i> Lam. Seedlings under Greenhouse Conditions. <i>Forests</i> , 2019, 10, 567.	0.9	22
117	Contrasting effects of thinning on soil CO ₂ emission and above- and belowground carbon regime under a subtropical Chinese fir plantation. <i>Science of the Total Environment</i> , 2019, 690, 361-369.	3.9	7
118	Predominance of abiotic drivers in the relationship between species diversity and litterfall production in a tropical karst seasonal rainforest. <i>Forest Ecology and Management</i> , 2019, 449, 117452.	1.4	15
119	Water availability regulates negative effects of species mixture on soil microbial biomass in boreal forests. <i>Soil Biology and Biochemistry</i> , 2019, 139, 107634.	4.2	11
120	Forest Understorey Vegetation: Colonization and the Availability and Heterogeneity of Resources. <i>Forests</i> , 2019, 10, 944.	0.9	37
121	Coniferization of the mixed-wood boreal forests under warm climate. <i>Journal of Quaternary Science</i> , 2019, 34, 509-518.	1.1	3
122	Understorey Vegetation Dynamics across a Poplar Plantation Chronosequence in Reclaimed Coastal Saline Soil. <i>Forests</i> , 2019, 10, 764.	0.9	9
123	The Positive Effect of Different 24-epiBL Pretreatments on Salinity Tolerance in <i>Robinia pseudoacacia</i> L. Seedlings. <i>Forests</i> , 2019, 10, 4.	0.9	17
124	Comparative nutritional characteristics of the three major Chinese <i>Dendrobium</i> species with different growth years. <i>PLoS ONE</i> , 2019, 14, e0222666.	1.1	22
125	Tree species diversity promotes litterfall productivity through crown complementarity in subtropical forests. <i>Journal of Ecology</i> , 2019, 107, 1852-1861.	1.9	34
126	Soil organic carbon and nutrients associated with aggregate fractions in a chronosequence of tea plantations. <i>Ecological Indicators</i> , 2019, 101, 444-452.	2.6	18

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127	Plant defense against fungal pathogens by antagonistic fungi with <i>Trichoderma</i> in focus. <i>Microbial Pathogenesis</i> , 2019, 129, 7-18.	1.3	95
128	Multiple interactions between tree composition and diversity and microbial diversity underly litter decomposition. <i>Geoderma</i> , 2019, 341, 161-171.	2.3	49
129	Spatial heterogeneity of heavy metal contamination in soils and plants in Hefei, China. <i>Scientific Reports</i> , 2019, 9, 1049.	1.6	31
130	Arbuscular Mycorrhizal Fungi Associated with Tree Species in a Planted Forest of Eastern China. <i>Forests</i> , 2019, 10, 424.	0.9	46
131	Impacts of changes in vegetation on saturated hydraulic conductivity of soil in subtropical forests. <i>Scientific Reports</i> , 2019, 9, 8372.	1.6	43
132	Soil enzyme activities increase following restoration of degraded subtropical forests. <i>Geoderma</i> , 2019, 351, 180-187.	2.3	61
133	Recovery of temperate and boreal forests after windthrow and the impacts of salvage logging. A quantitative review. <i>Forest Ecology and Management</i> , 2019, 446, 304-316.	1.4	35
134	Small RNAs from Seed to Mature Plant. <i>Critical Reviews in Plant Sciences</i> , 2019, 38, 117-139.	2.7	12
135	Climatic controls of decomposition drive the global biogeography of forest-tree symbioses. <i>Nature</i> , 2019, 569, 404-408.	13.7	371
136	Adjustive ecological restoration through stakeholder involvement: a case of riparian landscape restoration on privately owned land with public access. <i>Restoration Ecology</i> , 2019, 27, 1073-1083.	1.4	15
137	Soil organic carbon stabilization mechanisms in a subtropical mangrove and salt marsh ecosystems. <i>Science of the Total Environment</i> , 2019, 673, 502-510.	3.9	65
138	Meta-analysis shows positive effects of plant diversity on microbial biomass and respiration. <i>Nature Communications</i> , 2019, 10, 1332.	5.8	184
139	RowBee: A Routing Protocol Based on Cross-Technology Communication for Energy-Harvesting Wireless Sensor Networks. <i>IEEE Access</i> , 2019, 7, 40663-40673.	2.6	35
140	Effects of Arbuscular Mycorrhizal Fungi on Growth, Photosynthesis, and Nutrient Uptake of <i>Zelkova serrata</i> (Thunb.) Makino Seedlings under Salt Stress. <i>Forests</i> , 2019, 10, 186.	0.9	34
141	Plant defense against virus diseases; growth hormones in highlights. <i>Plant Signaling and Behavior</i> , 2019, 14, 1596719.	1.2	45
142	Species-rich boreal forests grew more and suffered less mortality than species-poor forests under the environmental change of the past half-century. <i>Ecology Letters</i> , 2019, 22, 999-1008.	3.0	39
143	Unimodal diversity-productivity relationship emerged under stressful environment through sampling effect. <i>Ecological Informatics</i> , 2019, 50, 131-135.	2.3	2
144	Stand age and species composition effects on surface albedo in a mixedwood boreal forest. <i>Biogeosciences</i> , 2019, 16, 4357-4375.	1.3	9

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145	Polysaccharide biosynthetic pathway profiling and putative gene mining of <i>Dendrobium moniliforme</i> using RNA-Seq in different tissues. <i>BMC Plant Biology</i> , 2019, 19, 521.	1.6	16
146	Arbuscular mycorrhizal fungi improve the growth and drought tolerance of <i>Zenia insignis</i> seedlings under drought stress. <i>New Forests</i> , 2019, 50, 593-604.	0.7	59
147	Global changes alter plant multi-element stoichiometric coupling. <i>New Phytologist</i> , 2019, 221, 807-817.	3.5	110
148	Comparison of landslide susceptibility maps using random forest and multivariate adaptive regression spline models in combination with catchment map units. <i>Geosciences Journal</i> , 2019, 23, 341-355.	0.6	32
149	Impacts of forest conversion on soil bacterial community composition and diversity in subtropical forests. <i>Catena</i> , 2019, 175, 167-173.	2.2	47
150	Microbes drive global soil nitrogen mineralization and availability. <i>Global Change Biology</i> , 2019, 25, 1078-1088.	4.2	248
151	Identifying the tree species compositions that maximize ecosystem functioning in European forests. <i>Journal of Applied Ecology</i> , 2019, 56, 733-744.	1.9	58
152	Exogenous 24-Epibrassinolide Alleviates Effects of Salt Stress on Chloroplasts and Photosynthesis in <i>Robinia pseudoacacia</i> L. Seedlings. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 669-682.	2.8	33
153	Plant diversity loss reduces soil respiration across terrestrial ecosystems. <i>Global Change Biology</i> , 2019, 25, 1482-1492.	4.2	61
154	Linking understory species diversity, community-level traits and productivity in a Chinese boreal forest. <i>Journal of Vegetation Science</i> , 2019, 30, 247-256.	1.1	8
155	Morphological and microscopic identification of three major medicinal <i>Dendrobium</i> species in Taapih Mountains area. <i>Microscopy Research and Technique</i> , 2019, 82, 483-493.	1.2	12
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