

Guirui Yu

List of Publications by Year in Descending Order

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

378
papers

15,567
citations

63
h-index

102
g-index

389
ext. papers

19,364
ext. citations

5.5
avg, IF

6.58
L-index

#	Paper	IF	Citations
378	Plant community traits associated with nitrogen can predict spatial variability in productivity. <i>Ecological Indicators</i> , 2022 , 140, 109001	5.8	0
377	A bibliometric analysis of carbon exchange in global drylands.. <i>Journal of Arid Land</i> , 2021 , 13, 1-14	2.2	0
376	Warming homogenizes apparent temperature sensitivity of ecosystem respiration. <i>Science Advances</i> , 2021 , 7,	14.3	6
375	Increased CO emissions surpass reductions of non-CO emissions more under higher experimental warming in an alpine meadow. <i>Science of the Total Environment</i> , 2021 , 769, 144559	10.2	4
374	Drought limits alpine meadow productivity in northern Tibet. <i>Agricultural and Forest Meteorology</i> , 2021 , 303, 108371	5.8	3
373	Aboveground and Belowground Plant Traits Explain Latitudinal Patterns in Topsoil Fungal Communities From Tropical to Cold Temperate Forests. <i>Frontiers in Microbiology</i> , 2021 , 12, 633751	5.7	2
372	Root Community Traits: Scaling-Up and Incorporating Roots Into Ecosystem Functional Analyses. <i>Frontiers in Plant Science</i> , 2021 , 12, 690235	6.2	1
371	Effect of atmospheric nitrogen deposition and its components on carbon flux in terrestrial ecosystems in China. <i>Environmental Research</i> , 2021 , 202, 111787	7.9	2
370	Determining dominating control mechanisms of inland water carbon cycling processes and associated gross primary productivity on regional and global scales. <i>Earth-Science Reviews</i> , 2021 , 213, 103497	10.2	15
369	Microbial metabolic response to winter warming stabilizes soil carbon. <i>Global Change Biology</i> , 2021 , 27, 2011-2028	11.4	12
368	Soil properties and root traits jointly shape fine-scale spatial patterns of bacterial community and metabolic functions within a Korean pine forest. <i>PeerJ</i> , 2021 , 9, e10902	3.1	1
367	Reference carbon cycle dataset for typical Chinese forests via colocated observations and data assimilation. <i>Scientific Data</i> , 2021 , 8, 42	8.2	2
366	Opposing shifts in distributions of chlorophyll concentration and composition in grassland under warming. <i>Scientific Reports</i> , 2021 , 11, 15736	4.9	0
365	Relative importance of climatic variables, soil properties and plant traits to spatial variability in net CO ₂ exchange across global forests and grasslands. <i>Agricultural and Forest Meteorology</i> , 2021 , 307, 108506	5.8	2
364	Differential effects of nitrogen vs. phosphorus limitation on terrestrial carbon storage in two subtropical forests: A Bayesian approach. <i>Science of the Total Environment</i> , 2021 , 795, 148485	10.2	3
363	Long-term trend and interannual variability of precipitation-use efficiency in Eurasian grasslands. <i>Ecological Indicators</i> , 2021 , 130, 108091	5.8	0
362	Community chlorophyll quantity determines the spatial variation of grassland productivity. <i>Science of the Total Environment</i> , 2021 , 801, 149567	10.2	2

361	Patterns and controls of vegetation productivity and precipitation-use efficiency across Eurasian grasslands. <i>Science of the Total Environment</i> , 2020 , 741, 140204	10.2	6
360	Effects of diffuse photosynthetically active radiation on gross primary productivity in a subtropical coniferous plantation vary in different timescales. <i>Ecological Indicators</i> , 2020 , 115, 106403	5.8	5
359	Hysteretic relationship between plant productivity and methane uptake in an alpine meadow. <i>Agricultural and Forest Meteorology</i> , 2020 , 288-289, 107982	5.8	2
358	Mapping forest type and age in China's plantations. <i>Science of the Total Environment</i> , 2020 , 744, 140790	10.2	15
357	Biomass energy in China's terrestrial ecosystems: Insights into the nation's sustainable energy supply. <i>Renewable and Sustainable Energy Reviews</i> , 2020 , 127, 109857	16.2	22
356	Potential transition in the effects of atmospheric nitrogen deposition in China. <i>Environmental Pollution</i> , 2020 , 258, 113739	9.3	14
355	Nitrogen storage in China's terrestrial ecosystems. <i>Science of the Total Environment</i> , 2020 , 709, 136201	10.2	10
354	Spatial Variation of Leaf Chlorophyll in Northern Hemisphere Grasslands. <i>Frontiers in Plant Science</i> , 2020 , 11, 1244	6.2	5
353	Human activities aggravate nitrogen-deposition pollution to inland water over China. <i>National Science Review</i> , 2020 , 7, 430-440	10.8	45
352	Attribute parameter characterized the seasonal variation of gross primary productivity (GPP): Spatiotemporal variation and influencing factors. <i>Agricultural and Forest Meteorology</i> , 2020 , 280, 107774	5.8	4
351	Effects of climate and forest age on the ecosystem carbon exchange of afforestation. <i>Journal of Forestry Research</i> , 2020 , 31, 365-374	2	22
350	Conservative allocation strategy of multiple nutrients among major plant organs: From species to community. <i>Journal of Ecology</i> , 2020 , 108, 267-278	6	18
349	An increasing trend in the ratio of transpiration to total terrestrial evapotranspiration in China from 1982 to 2015 caused by greening and warming. <i>Agricultural and Forest Meteorology</i> , 2019 , 279, 107701	5.8	26
348	Plant functional traits determine latitudinal variations in soil microbial function: evidence from forests in China. <i>Biogeosciences</i> , 2019 , 16, 3333-3349	4.6	0
347	Estimation of Vegetation Latent Heat Flux over Three Forest Sites in ChinaFLUX using Satellite Microwave Vegetation Water Content Index. <i>Remote Sensing</i> , 2019 , 11, 1359	5	7
346	Diel and Seasonal Dynamics of Ecosystem-Scale Methane Flux and Their Determinants in an Alpine Meadow. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019 , 124, 1731-1745	3.7	6
345	Grazing alters environmental control mechanisms of evapotranspiration in an alpine meadow of the Tibetan Plateau. <i>Journal of Plant Ecology</i> , 2019 , 12, 834-845	1.7	1
344	Stabilization of atmospheric nitrogen deposition in China over the past decade. <i>Nature Geoscience</i> , 2019 , 12, 424-429	18.3	232

343	Diurnal Temperature Variation and Plants Drive Latitudinal Patterns in Seasonal Dynamics of Soil Microbial Community. <i>Frontiers in Microbiology</i> , 2019 , 10, 674	5.7	14
342	Climate and litter C/N ratio constrain soil organic carbon accumulation. <i>National Science Review</i> , 2019 , 6, 746-757	10.8	33
341	Environmental variables better explain changes in potential nitrification and denitrification activities than microbial properties in fertilized forest soils. <i>Science of the Total Environment</i> , 2019 , 647, 653-662	10.2	27
340	Long-term nitrogen addition modifies microbial composition and functions for slow carbon cycling and increased sequestration in tropical forest soil. <i>Global Change Biology</i> , 2019 , 25, 3267-3281	11.4	48
339	Variation and evolution of C:N ratio among different organs enable plants to adapt to N-limited environments. <i>Global Change Biology</i> , 2019 , 26, 2534	11.4	35
338	Altered trends in carbon uptake in China's terrestrial ecosystems under the enhanced summer monsoon and warming hiatus. <i>National Science Review</i> , 2019 , 6, 505-514	10.8	28
337	Grazing-induced increases in soil moisture maintain higher productivity during droughts in alpine meadows on the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2019 , 269-270, 249-256	5.8	23
336	Contrasting Temperature and Precipitation Patterns of Trees in Different Seasons and Responses of Infrared Canopy Temperature in Two Asian Subtropical Forests. <i>Forests</i> , 2019 , 10, 902	2.8	2
335	Spatial variations and controls of carbon use efficiency in China's terrestrial ecosystems. <i>Scientific Reports</i> , 2019 , 9, 19516	4.9	12
334	A Method for Estimating Annual Cumulative Soil/Ecosystem Respiration and CH ₄ Flux from Sporadic Data Collected Using the Chamber Method. <i>Atmosphere</i> , 2019 , 10, 623	2.7	3
333	Underestimated ecosystem carbon turnover time and sequestration under the steady state assumption: A perspective from long-term data assimilation. <i>Global Change Biology</i> , 2019 , 25, 938-953	11.4	21
332	Different strategies for regulating free-living N ₂ fixation in nutrient-amended subtropical and temperate forest soils. <i>Applied Soil Ecology</i> , 2019 , 136, 21-29	5	10
331	Magnitude, pattern and controls of carbon flux and carbon use efficiency in China's typical forests. <i>Global and Planetary Change</i> , 2019 , 172, 464-473	4.2	11
330	Increased soil organic carbon storage in Chinese terrestrial ecosystems from the 1980s to the 2010s. <i>Journal of Chinese Geography</i> , 2019 , 29, 49-66	3.7	23
329	Anthropogenic reactive nitrogen deposition and associated nutrient limitation effect on gross primary productivity in inland water of China. <i>Journal of Cleaner Production</i> , 2019 , 208, 530-540	10.3	41
328	Interannual variability of terrestrial net ecosystem productivity over China: regional contributions and climate attribution. <i>Environmental Research Letters</i> , 2019 , 14, 014003	6.2	14
327	Ecosystem Traits Linking Functional Traits to Macroecology. <i>Trends in Ecology and Evolution</i> , 2019 , 34, 200-210	10.9	64
326	Variation in the nitrogen concentration of the leaf, branch, trunk, and root in vegetation in China. <i>Ecological Indicators</i> , 2019 , 96, 496-504	5.8	7

325	Responses of soil nitrous oxide flux to soil environmental factors in a subtropical coniferous plantation: A boundary line analysis. <i>European Journal of Soil Biology</i> , 2018 , 86, 16-25	2.9	7
324	Allocation strategies for nitrogen and phosphorus in forest plants. <i>Oikos</i> , 2018 , 127, 1506-1514	4	27
323	Carbon pools in China's terrestrial ecosystems: New estimates based on an intensive field survey. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4021-4026	11.5	194
322	Effects of national ecological restoration projects on carbon sequestration in China from 2001 to 2010. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4039-4044	11.5	210
321	Climate change, human impacts, and carbon sequestration in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4015-4020	11.5	199
320	Joint structural and physiological control on the interannual variation in productivity in a temperate grassland: A data-model comparison. <i>Global Change Biology</i> , 2018 , 24, 2965-2979	11.4	31
319	Spatial patterns and environmental factors influencing leaf carbon content in the forests and shrublands of China. <i>Journal of Chinese Geography</i> , 2018 , 28, 791-801	3.7	9
318	Carbon storage in China's terrestrial ecosystems: A synthesis. <i>Scientific Reports</i> , 2018 , 8, 2806	4.9	42
317	Threshold responses of soil organic carbon concentration and composition to multi-level nitrogen addition in a temperate needle-broadleaved forest. <i>Biogeochemistry</i> , 2018 , 137, 219-233	3.8	10
316	Latitudinal patterns and influencing factors of soil humic carbon fractions from tropical to temperate forests. <i>Journal of Chinese Geography</i> , 2018 , 28, 15-30	3.7	9
315	Ecosystem carbon use efficiency in China: Variation and influence factors. <i>Ecological Indicators</i> , 2018 , 90, 316-323	5.8	11
314	Water availability is more important than temperature in driving the carbon fluxes of an alpine meadow on the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2018 , 256-257, 22-31	5.8	51
313	Stable isotope fractionation during uptake and translocation of cadmium by tolerant <i>Ricinus communis</i> and hyperaccumulator <i>Solanum nigrum</i> as influenced by EDTA. <i>Environmental Pollution</i> , 2018 , 236, 634-644	9.3	24
312	The optimum temperature of soil microbial respiration: Patterns and controls. <i>Soil Biology and Biochemistry</i> , 2018 , 121, 35-42	7.5	37
311	Plant functional types rather than climate or soil determine leaf traits in the forest biomes of eastern China. <i>Scandinavian Journal of Forest Research</i> , 2018 , 33, 14-22	1.7	1
310	Variation in leaf anatomical traits from tropical to cold-temperate forests and linkage to ecosystem functions. <i>Functional Ecology</i> , 2018 , 32, 10-19	5.6	44
309	Contrasting responses of phosphatase kinetic parameters to nitrogen and phosphorus additions in forest soils. <i>Functional Ecology</i> , 2018 , 32, 106-116	5.6	28
308	Root elemental composition in Chinese forests: Implications for biogeochemical niche differentiation. <i>Functional Ecology</i> , 2018 , 32, 40-49	5.6	15

307	C:N:P stoichiometry in China's forests: From organs to ecosystems. <i>Functional Ecology</i> , 2018 , 32, 50-60	5.6	98
306	Different phylogenetic and environmental controls of first-order root morphological and nutrient traits: Evidence of multidimensional root traits. <i>Functional Ecology</i> , 2018 , 32, 29-39	5.6	44
305	Phylogenetic analyses of four Chinese endemic wheat landraces based on two single copy genes. <i>Cereal Research Communications</i> , 2018 , 46, 191-200	1.1	
304	Spatial heterogeneity of microbial community and enzyme activities in a broad-leaved Korean pine mixed forest. <i>European Journal of Soil Biology</i> , 2018 , 88, 65-72	2.9	12
303	Shifts in the dynamics of productivity signal ecosystem state transitions at the biome-scale. <i>Ecology Letters</i> , 2018 , 21, 1457-1466	10	35
302	A Satellite-Based Model for Simulating Ecosystem Respiration in the Tibetan and Inner Mongolian Grasslands. <i>Remote Sensing</i> , 2018 , 10, 149	5	9
301	Interactive effects of seasonal drought and nitrogen deposition on carbon fluxes in a subtropical evergreen coniferous forest in the East Asian monsoon region. <i>Agricultural and Forest Meteorology</i> , 2018 , 263, 90-99	5.8	6
300	Global radiation, photosynthetically active radiation, and the diffuse component dataset of China, 1981-2010. <i>Earth System Science Data</i> , 2018 , 10, 1217-1226	10.5	14
299	Carbon exchanges and their responses to temperature and precipitation in forest ecosystems in Yunnan, Southwest China. <i>Science of the Total Environment</i> , 2018 , 616-617, 824-840	10.2	33
298	Changes in nitrogen-cycling microbial communities with depth in temperate and subtropical forest soils. <i>Applied Soil Ecology</i> , 2018 , 124, 218-228	5	44
297	Soil gross N ammonification and nitrification from tropical to temperate forests in eastern China. <i>Functional Ecology</i> , 2018 , 32, 83-94	5.6	22
296	Biogeographical patterns of soil microbial community as influenced by soil characteristics and climate across Chinese forest biomes. <i>Applied Soil Ecology</i> , 2018 , 124, 298-305	5	19
295	Variation of stomatal traits from cold temperate to tropical forests and association with water use efficiency. <i>Functional Ecology</i> , 2018 , 32, 20-28	5.6	56
294	Soil organic matter availability and climate drive latitudinal patterns in bacterial diversity from tropical to cold temperate forests. <i>Functional Ecology</i> , 2018 , 32, 61-70	5.6	63
293	Isotopic evidence for oligotrophication of terrestrial ecosystems. <i>Nature Ecology and Evolution</i> , 2018 , 2, 1735-1744	12.3	82
292	Changes in trait and phylogenetic diversity of leaves and absorptive roots from tropical to boreal forests. <i>Plant and Soil</i> , 2018 , 432, 389-401	4.2	8
291	Satellite Detection of Water Stress Effects on Terrestrial Latent Heat Flux With MODIS Shortwave Infrared Reflectance Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 11,410-11,430	4.4	6
290	Deforestation decreases spatial turnover and alters the network interactions in soil bacterial communities. <i>Soil Biology and Biochemistry</i> , 2018 , 123, 80-86	7.5	44

289	Divergence of dominant factors in soil microbial communities and functions in forest ecosystems along a climatic gradient. <i>Biogeosciences</i> , 2018 , 15, 1217-1228	4.6	9
288	Modeling and uncertainty analysis of carbon and water fluxes in a broad-leaved Korean pine mixed forest based on model-data fusion. <i>Ecological Modelling</i> , 2018 , 379, 39-53	3	4
287	A global synthesis of the rate and temperature sensitivity of soil nitrogen mineralization: latitudinal patterns and mechanisms. <i>Global Change Biology</i> , 2017 , 23, 455-464	11.4	89
286	Regional variation in the temperature sensitivity of soil organic matter decomposition in China's forests and grasslands. <i>Global Change Biology</i> , 2017 , 23, 3393-3402	11.4	58
285	Eddy covariance and biometric measurements show that a savanna ecosystem in Southwest China is a carbon sink. <i>Scientific Reports</i> , 2017 , 7, 41025	4.9	17
284	Quantifying uncertainties from additional nitrogen data and processes in a terrestrial ecosystem model with Bayesian probabilistic inversion. <i>Journal of Advances in Modeling Earth Systems</i> , 2017 , 9, 548-565	7.1	8
283	Contrasting effects of NH ₄ ⁺ and NO ₃ ⁻ amendments on amount and chemical characteristics of different density organic matter fractions in a boreal forest soil. <i>Geoderma</i> , 2017 , 293, 1-9	6.7	12
282	Effects of atmospheric reactive phosphorus deposition on phosphorus transport in a subtropical watershed: A Chinese case study. <i>Environmental Pollution</i> , 2017 , 226, 69-78	9.3	28
281	Soil nitrate accumulation explains the nonlinear responses of soil CO ₂ and CH ₄ fluxes to nitrogen addition in a temperate needle-broadleaved mixed forest. <i>Ecological Indicators</i> , 2017 , 79, 28-36	5.8	27
280	Spatial pattern of grassland aboveground biomass and its environmental controls in the Eurasian steppe. <i>Journal of Chinese Geography</i> , 2017 , 27, 3-22	3.7	17
279	Complex trait relationships between leaves and absorptive roots: Coordination in tissue N concentration but divergence in morphology. <i>Ecology and Evolution</i> , 2017 , 7, 2697-2705	2.8	24
278	Assessing the ability of potential evapotranspiration models in capturing dynamics of evaporative demand across various biomes and climatic regimes with ChinaFLUX measurements. <i>Journal of Hydrology</i> , 2017 , 551, 70-80	6	15
277	Fate of river-transported carbon in china: implications for carbon cycling in coastal ecosystems. <i>Ecosystem Health and Sustainability</i> , 2017 , 3, e01265	3.7	8
276	Global pattern and controls of soil microbial metabolic quotient. <i>Ecological Monographs</i> , 2017 , 87, 429-441	4.1	68
275	Development of atmospheric acid deposition in China from the 1990s to the 2010s. <i>Environmental Pollution</i> , 2017 , 231, 182-190	9.3	65
274	Interannual variability of ecosystem carbon exchange: From observation to prediction. <i>Global Ecology and Biogeography</i> , 2017 , 26, 1225-1237	6.1	42
273	Estimation of carbon sequestration in China's forests induced by atmospheric wet nitrogen deposition using the principles of ecological stoichiometry. <i>Environmental Research Letters</i> , 2017 , 12, 114038	6.2	13
272	Aboveground biomass estimation at different scales for subtropical forests in China. <i>Botanical Studies</i> , 2017 , 58, 45	2.3	4

271	Analysis of spatial and temporal patterns of aboveground net primary productivity in the Eurasian steppe region from 1982 to 2013. <i>Ecology and Evolution</i> , 2017 , 7, 5149-5162	2.8	11
270	Greater diversity of soil fungal communities and distinguishable seasonal variation in temperate deciduous forests compared with subtropical evergreen forests of eastern China. <i>FEMS Microbiology Ecology</i> , 2017 , 93,	4.3	31
269	Carbon sequestration potential and its eco-service function in the karst area, China. <i>Journal of Chinese Geography</i> , 2017 , 27, 967-980	3.7	15
268	Soil enzyme activity and stoichiometry in forest ecosystems along the North-South Transect in eastern China (NSTEC). <i>Soil Biology and Biochemistry</i> , 2017 , 104, 152-163	7.5	143
267	Vegetation carbon sequestration in Chinese forests from 2010 to 2050. <i>Global Change Biology</i> , 2017 , 23, 1575-1584	11.4	40
266	Modeling and Partitioning of Regional Evapotranspiration Using a Satellite-Driven Water-Carbon Coupling Model. <i>Remote Sensing</i> , 2017 , 9, 54	5	19
265	Quantifying forest net primary production: combining eddy flux, inventory and metabolic theory. <i>IForest</i> , 2017 , 10, 475-482	1.3	1
264	Grassland restoration in northern China is far from complete: evidence from carbon variation in the last three decades. <i>Ecosphere</i> , 2017 , 8, e01750	3.1	3
263	Responses of gross primary productivity to different sizes of precipitation events in a temperate grassland ecosystem in Inner Mongolia, China. <i>Journal of Arid Land</i> , 2016 , 8, 36-46	2.2	28
262	Soil microbial respiration rate and temperature sensitivity along a north-south forest transect in eastern China: Patterns and influencing factors. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 399-410	3.7	34
261	Global inorganic nitrogen dry deposition inferred from ground- and space-based measurements. <i>Scientific Reports</i> , 2016 , 6, 19810	4.9	69
260	Leaf morphological and anatomical traits from tropical to temperate coniferous forests: Mechanisms and influencing factors. <i>Scientific Reports</i> , 2016 , 6, 19703	4.9	53
259	Ecosystem response more than climate variability drives the inter-annual variability of carbon fluxes in three Chinese grasslands. <i>Agricultural and Forest Meteorology</i> , 2016 , 225, 48-56	5.8	15
258	New insight into global blue carbon estimation under human activity in land-sea interaction area: A case study of China. <i>Earth-Science Reviews</i> , 2016 , 159, 36-46	10.2	42
257	A synthesis of the effect of grazing exclusion on carbon dynamics in grasslands in China. <i>Global Change Biology</i> , 2016 , 22, 1385-93	11.4	96
256	Leaf non-structural carbohydrates regulated by plant functional groups and climate: Evidences from a tropical to cold-temperate forest transect. <i>Ecological Indicators</i> , 2016 , 62, 22-31	5.8	32
255	Relationships between ammonia-oxidizing communities, soil methane uptake and nitrous oxide fluxes in a subtropical plantation soil with nitrogen enrichment. <i>European Journal of Soil Biology</i> , 2016 , 73, 84-92	2.9	12
254	Invariant allometric scaling of nitrogen and phosphorus in leaves, stems, and fine roots of woody plants along an altitudinal gradient. <i>Journal of Plant Research</i> , 2016 , 129, 647-657	2.6	42

253	Approaches of climate factors affecting the spatial variation of annual gross primary productivity among terrestrial ecosystems in China. <i>Ecological Indicators</i> , 2016 , 62, 174-181	5.8	11
252	Patterns and regulating mechanisms of soil nitrogen mineralization and temperature sensitivity in Chinese terrestrial ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2016 , 215, 40-46	5.7	36
251	The Attribution of Climate Change and Its Uncertainty. <i>Springer Environmental Science and Engineering</i> , 2016 , 47-67		
250	Construction and progress of Chinese terrestrial ecosystem carbon, nitrogen and water fluxes coordinated observation. <i>Journal of Chinese Geography</i> , 2016 , 26, 803-826	3.7	22
249	Coordinated pattern of multi-element variability in leaves and roots across Chinese forest biomes. <i>Global Ecology and Biogeography</i> , 2016 , 25, 359-367	6.1	64
248	Aggravated phosphorus limitation on biomass production under increasing nitrogen loading: a meta-analysis. <i>Global Change Biology</i> , 2016 , 22, 934-43	11.4	205
247	Methods of evaluating soil bulk density: Impact on estimating large scale soil organic carbon storage. <i>Catena</i> , 2016 , 144, 94-101	5.8	27
246	Carbon storage in China's forest ecosystems: estimation by different integrative methods. <i>Ecology and Evolution</i> , 2016 , 6, 3129-45	2.8	12
245	Imbalanced atmospheric nitrogen and phosphorus depositions in China: Implications for nutrient limitation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016 , 121, 1605-1616	3.7	63
244	Direct and indirect effects of climatic variations on the interannual variability in net ecosystem exchange across terrestrial ecosystems. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2016 , 68, 30575	3.3	16
243	Carbon storage in Chinese grassland ecosystems: Influence of different integrative methods. <i>Scientific Reports</i> , 2016 , 6, 21378	4.9	23
242	Severe summer heatwave and drought strongly reduced carbon uptake in Southern China. <i>Scientific Reports</i> , 2016 , 6, 18813	4.9	78
241	Exogenous N addition enhances the responses of gross primary productivity to individual precipitation events in a temperate grassland. <i>Scientific Reports</i> , 2016 , 6, 26901	4.9	9
240	Stoichiometrical regulation of soil organic matter decomposition and its temperature sensitivity. <i>Ecology and Evolution</i> , 2016 , 6, 620-7	2.8	21
239	Latitudinal variation of leaf morphological traits from species to communities along a forest transect in eastern China. <i>Journal of Chinese Geography</i> , 2016 , 26, 15-26	3.7	31
238	Impacts of nitrogen and phosphorus additions on the abundance and community structure of ammonia oxidizers and denitrifying bacteria in Chinese fir plantations. <i>Soil Biology and Biochemistry</i> , 2016 , 103, 284-293	7.5	109
237	Evaluation of the Community Land Model simulated carbon and water fluxes against observations over ChinaFLUX sites. <i>Agricultural and Forest Meteorology</i> , 2016 , 226-227, 174-185	5.8	17
236	Nonlinear responses of soil nitrous oxide emission to multi-level nitrogen enrichment in a temperate needle-broadleaved mixed forest in Northeast China. <i>Catena</i> , 2016 , 147, 556-563	5.8	14

235	Wet acid deposition in Chinese natural and agricultural ecosystems: Evidence from national-scale monitoring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 10,995-11,005	4.4	19
234	Spatial variation in annual actual evapotranspiration of terrestrial ecosystems in China: Results from eddy covariance measurements. <i>Journal of Chinese Geography</i> , 2016 , 26, 1391-1411	3.7	21
233	Aggregate size and glucose level affect priming sources: A three-source-partitioning study. <i>Soil Biology and Biochemistry</i> , 2016 , 97, 199-210	7.5	29
232	Primary estimation of Chinese terrestrial carbon sequestration during 2001–2010. <i>Science Bulletin</i> , 2015 , 60, 577-590	10.6	27
231	Spatiotemporal variations of T/ET (the ratio of transpiration to evapotranspiration) in three forests of Eastern China. <i>Ecological Indicators</i> , 2015 , 52, 411-421	5.8	32
230	Elevated atmospheric carbon dioxide concentration stimulates soil microbial activity and impacts water-extractable organic carbon in an agricultural soil. <i>Biogeochemistry</i> , 2015 , 122, 253-267	3.8	9
229	The effects of different calibration and frequency response correction methods on eddy covariance ozone flux measured with a dry chemiluminescence analyzer. <i>Agricultural and Forest Meteorology</i> , 2015 , 213, 114-125	5.8	6
228	Effects of nitrogen deposition on carbon cycle in terrestrial ecosystems of China: A meta-analysis. <i>Environmental Pollution</i> , 2015 , 206, 352-60	9.3	71
227	Regional representativeness assessment and improvement of eddy flux observations in China. <i>Science of the Total Environment</i> , 2015 , 502, 688-98	10.2	8
226	Contrasting effects of ammonium and nitrate inputs on soil CO ₂ emission in a subtropical coniferous plantation of southern China. <i>Biology and Fertility of Soils</i> , 2015 , 51, 815-825	6.1	33
225	Covariation between gross primary production and ecosystem respiration across space and the underlying mechanisms: A global synthesis. <i>Agricultural and Forest Meteorology</i> , 2015 , 203, 180-190	5.8	43
224	Inorganic nitrogen wet deposition: Evidence from the North-South Transect of Eastern China. <i>Environmental Pollution</i> , 2015 , 204, 1-8	9.3	22
223	A remote sensing model to estimate ecosystem respiration in Northern China and the Tibetan Plateau. <i>Ecological Modelling</i> , 2015 , 304, 34-43	3	18
222	Impact of external nitrogen and phosphorus input between 2006 and 2010 on carbon cycle in China seas. <i>Regional Environmental Change</i> , 2015 , 15, 631-641	4.3	10
221	Modeling net ecosystem carbon exchange of alpine grasslands with a satellite-driven model. <i>PLoS ONE</i> , 2015 , 10, e0122486	3.7	7
220	Vertical distribution of soil carbon, nitrogen, and phosphorus in typical Chinese terrestrial ecosystems. <i>Chinese Geographical Science</i> , 2015 , 25, 549-560	2.9	23
219	Spatial variability of water use efficiency in China's terrestrial ecosystems. <i>Global and Planetary Change</i> , 2015 , 129, 37-44	4.2	46
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