

Guiyao Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

11,353
citations

31976

53
h-index

31849

101
g-index

153
all docs

153
docs citations

153
times ranked

11207
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of tree mycorrhizal type on soil respiration and carbon stock via fine root biomass and litter dynamic in tropical plantations. <i>Journal of Plant Ecology</i> , 2023, 16, .	2.3	13
2	Uncertainties in carbon residence time and NPP-driven carbon uptake in terrestrial ecosystems of the conterminous USA: a Bayesian approach. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 17223.	1.6	24
3	Sources of variation in simulated ecosystem carbon storage capacity from the 5th Climate Model Intercomparison Project (CMIP5). <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 22568.	1.6	17
4	Complementarity of flux- and biometric-based data to constrain parameters in a terrestrial carbon model. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 24102.	1.6	16
5	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> , 2022, 68, 30575.	1.6	21
6	Combined effects of biochar and fertilizer applications on yield: A review and meta-analysis. <i>Science of the Total Environment</i> , 2022, 808, 152073.	8.0	75
7	Differential responses of leaf photosynthesis to insect and pathogen outbreaks: A global synthesis. <i>Science of the Total Environment</i> , 2022, 832, 155052.	8.0	4
8	Warming effects on grassland productivity depend on plant diversity. <i>Global Ecology and Biogeography</i> , 2022, 31, 588-598.	5.8	13
9	Phenological mismatches between above- and belowground plant responses to climate warming. <i>Nature Climate Change</i> , 2022, 12, 97-102.	18.8	49
10	How land-use change affects soil respiration in an alpine agro-pastoral ecotone. <i>Catena</i> , 2022, 214, 106291.	5.0	7
11	Temperature and Rainfall Patterns Constrain the Multidimensional Rewilding of Global Forests. <i>Advanced Science</i> , 2022, 9, e2201144.	11.2	12
12	Soil P availability and mycorrhizal type determine root exudation in sub-tropical forests. <i>Soil Biology and Biochemistry</i> , 2022, 171, 108722.	8.8	9
13	Grazing and global change factors differentially affect biodiversity-ecosystem functioning relationships in grassland ecosystems. <i>Global Change Biology</i> , 2022, 28, 5492-5504.	9.5	24
14	Intraspecific responses of plant productivity and crop yield to experimental warming: A global synthesis. <i>Science of the Total Environment</i> , 2022, 840, 156685.	8.0	6
15	Dissolved Organic Carbon Flux Is Driven by Plant Traits More Than Climate across Global Forest Types. <i>Forests</i> , 2022, 13, 1119.	2.1	0
16	Understorey biodiversity supports multiple ecosystem services in mature Mediterranean forests. <i>Soil Biology and Biochemistry</i> , 2022, 172, 108774.	8.8	11
17	Tradeoffs of fungal and bacterial residues mediate soil carbon dynamics under persistent drought in subtropical evergreen forests. <i>Applied Soil Ecology</i> , 2022, 178, 104588.	4.3	9
18	Declining carbohydrate content of Sitka-spruce trees dying from seawater exposure. <i>Plant Physiology</i> , 2021, 185, 1682-1696.	4.8	10

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19	Long-term measurements in a mixed-grass prairie reveal a change in soil organic carbon recalcitrance and its environmental sensitivity under warming. <i>Oecologia</i> , 2021, 197, 989-1002.	2.0	1
20	Regulation of climate, soil and hydrological factors on macrophyte biomass allocation for coastal and inland wetlands in China. <i>Science of the Total Environment</i> , 2021, 774, 145317.	8.0	5
21	Fine root trait-function relationships affected by mycorrhizal type and climate. <i>Geoderma</i> , 2021, 394, 115011.	5.1	8
22	Antagonistic interaction between biochar and nitrogen addition on soil greenhouse gas fluxes: A global synthesis. <i>GCB Bioenergy</i> , 2021, 13, 1636-1648.	5.6	13
23	Effects of Biochar on Pulse C and N Cycling After a Short-term Drought: a Laboratory Study. <i>Journal of Soil Science and Plant Nutrition</i> , 2021, 21, 2815-2825.	3.4	2
24	Shifts in microbial metabolic pathway for soil carbon accumulation along subtropical forest succession. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108335.	8.8	24
25	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.	4.8	13
26	Mycorrhizal effects on decomposition and soil CO ₂ flux depend on changes in nitrogen availability during forest succession. <i>Journal of Ecology</i> , 2021, 109, 3929-3943.	4.0	11
27	Soil aeration rather than methanotrophic community drives methane uptake under drought in a subtropical forest. <i>Science of the Total Environment</i> , 2021, 792, 148292.	8.0	9
28	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.	8.0	9
29	Grazing intensity significantly changes the C:N:P stoichiometry in grassland ecosystems. <i>Global Ecology and Biogeography</i> , 2020, 29, 355-369.	5.8	62
30	Conversion of coastal wetlands, riparian wetlands, and peatlands increases greenhouse gas emissions: A global meta-analysis. <i>Global Change Biology</i> , 2020, 26, 1638-1653.	9.5	89
31	Drought accelerated recalcitrant carbon loss by changing soil aggregation and microbial communities in a subtropical forest. <i>Soil Biology and Biochemistry</i> , 2020, 148, 107898.	8.8	34
32	Biochar amendment boosts photosynthesis and biomass in C ₃ but not C ₄ plants: A global synthesis. <i>GCB Bioenergy</i> , 2020, 12, 605-617.	5.6	46
33	Responses of biomass allocation to multi-factor global change: A global synthesis. <i>Agriculture, Ecosystems and Environment</i> , 2020, 304, 107115.	5.3	25
34	Soil fungi and fine root biomass mediate drought-induced reductions in soil respiration. <i>Functional Ecology</i> , 2020, 34, 2634-2643.	3.6	29
35	Drought changed soil organic carbon composition and bacterial carbon metabolizing patterns in a subtropical evergreen forest. <i>Science of the Total Environment</i> , 2020, 736, 139568.	8.0	30
36	Soil DOC release and aggregate disruption mediate rhizosphere priming effect on soil C decomposition. <i>Soil Biology and Biochemistry</i> , 2020, 144, 107787.	8.8	31

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37	Traits mediate drought effects on wood carbon fluxes. <i>Global Change Biology</i> , 2020, 26, 3429-3442.	9.5	15
38	Variations in the nitrogen saturation threshold of soil respiration in grassland ecosystems. <i>Biogeochemistry</i> , 2020, 148, 311-324.	3.5	19
39	Differential effects of drought on nonstructural carbohydrate storage in seedlings and mature trees of four species in a subtropical forest. <i>Forest Ecology and Management</i> , 2020, 469, 118159.	3.2	27
40	Simulated town expansion under ecological constraints: A case study of Zhangbei County, Heibei Province, China. <i>Habitat International</i> , 2019, 91, 101986.	5.8	23
41	Estimating aboveground biomass in subtropical forests of China by integrating multisource remote sensing and ground data. <i>Remote Sensing of Environment</i> , 2019, 232, 111341.	11.0	46
42	Differential response of soil respiration to nitrogen and phosphorus addition in a highly phosphorus-limited subtropical forest, China. <i>Forest Ecology and Management</i> , 2019, 448, 499-508.	3.2	22
43	Plant evolutionary history mainly explains the variance in biomass responses to climate warming at a global scale. <i>New Phytologist</i> , 2019, 222, 1338-1351.	7.3	20
44	Effect of drought and season on arbuscular mycorrhizal fungi in a subtropical secondary forest. <i>Fungal Ecology</i> , 2019, 41, 107-115.	1.6	30
45	Interactive effects of grazing and global change factors on soil and ecosystem respiration in grassland ecosystems: A global synthesis. <i>Journal of Applied Ecology</i> , 2019, 56, 2007-2019.	4.0	42
46	Land use/land cover changes and its impact on ecosystem services in ecologically fragile zone: A case study of Zhangjiakou City, Hebei Province, China. <i>Ecological Indicators</i> , 2019, 104, 604-614.	6.3	85
47	Responses of grasslands to experimental warming. , 2019, , 347-384.		1
48	Evaluating the simulated mean soil carbon transit times by Earth system models using observations. <i>Biogeosciences</i> , 2019, 16, 917-926.	3.3	10
49	Contrasting responses after fires of the source components of soil respiration and ecosystem respiration. <i>European Journal of Soil Science</i> , 2019, 70, 616-629.	3.9	9
50	Global variation of soil microbial carbon-use efficiency in relation to growth temperature and substrate supply. <i>Scientific Reports</i> , 2019, 9, 5621.	3.3	49
51	Rhizosphere effects on soil microbial community structure and enzyme activity in a successional subtropical forest. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	34
52	An Assessment of the Spatial and Temporal Distribution of Soil Salinity in Combination with Field and Satellite Data: A Case Study in Sujawal District. <i>Agronomy</i> , 2019, 9, 869.	3.0	13
53	Effects of livestock grazing on grassland carbon storage and release override impacts associated with global climate change. <i>Global Change Biology</i> , 2019, 25, 1119-1132.	9.5	65
54	Differential magnitude of rhizosphere effects on soil aggregation at three stages of subtropical secondary forest successions. <i>Plant and Soil</i> , 2019, 436, 365-380.	3.7	35

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55	Linking Improvement of Soil Structure to Soil Carbon Storage Following Invasion by a C4 Plant <i>Spartina alterniflora</i> . <i>Ecosystems</i> , 2019, 22, 859-872.	3.4	17
56	Ecosystem Traits Linking Functional Traits to Macroecology. <i>Trends in Ecology and Evolution</i> , 2019, 34, 200-210.	8.7	140
57	Temperature sensitivity of soil organic carbon decomposition increased with mean carbon residence time: Field incubation and data assimilation. <i>Global Change Biology</i> , 2018, 24, 810-822.	9.5	36
58	Divergent responses of ecosystem respiration components to livestock exclusion on the Qinghai Tibetan Plateau. <i>Land Degradation and Development</i> , 2018, 29, 1726-1737.	3.9	19
59	Nitrogen fertilization stimulated soil heterotrophic but not autotrophic respiration in cropland soils: A greater role of organic over inorganic fertilizer. <i>Soil Biology and Biochemistry</i> , 2018, 116, 253-264.	8.8	59
60	Carbon–nitrogen coupling under three schemes of model representation: a traceability analysis. <i>Geoscientific Model Development</i> , 2018, 11, 4399-4416.	3.6	22
61	Important interaction of chemicals, microbial biomass and dissolved substrates in the diel hysteresis loop of soil heterotrophic respiration. <i>Plant and Soil</i> , 2018, 428, 279-290.	3.7	3
62	Extreme drought slightly decreased soil labile organic C and N contents and altered microbial community structure in a subtropical evergreen forest. <i>Forest Ecology and Management</i> , 2018, 429, 18-27.	3.2	54
63	Microbial properties regulate spatial variation in the differences in heterotrophic respiration and its temperature sensitivity between primary and secondary forests from tropical to cold-temperate zones. <i>Agricultural and Forest Meteorology</i> , 2018, 262, 81-88.	4.8	13
64	Differential responses of carbon-degrading enzyme activities to warming: Implications for soil respiration. <i>Global Change Biology</i> , 2018, 24, 4816-4826.	9.5	131
65	A keystone microbial enzyme for nitrogen control of soil carbon storage. <i>Science Advances</i> , 2018, 4, eaq1689.	10.3	234
66	Traits drive global wood decomposition rates more than climate. <i>Global Change Biology</i> , 2018, 24, 5259-5269.	9.5	59
67	Drought-induced changes in root biomass largely result from altered root morphological traits: Evidence from a synthesis of global field trials. <i>Plant, Cell and Environment</i> , 2018, 41, 2589-2599.	5.7	112
68	Effects of biochar application on soil greenhouse gas fluxes: a meta-analysis. <i>GCB Bioenergy</i> , 2017, 9, 743-755.	5.6	264
69	Asymmetric Diurnal and Monthly Responses of Ecosystem Carbon Fluxes to Experimental Warming. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600557.	1.1	11
70	Extreme rainfall and snowfall alter responses of soil respiration to nitrogen fertilization: a 3-year field experiment. <i>Global Change Biology</i> , 2017, 23, 3403-3417.	9.5	45
71	Nonlinear responses of land ecosystems to variation in precipitation. <i>New Phytologist</i> , 2017, 214, 5-7.	7.3	71
72	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.	3.8	9

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73	Warming enhances old organic carbon decomposition through altering functional microbial communities. <i>ISME Journal</i> , 2017, 11, 1825-1835.	9.8	136
74	Different Response Patterns of Soil Respiration to a Nitrogen Addition Gradient in Four Types of Land-Use on an Alluvial Island in China. <i>Ecosystems</i> , 2017, 20, 904-916.	3.4	9
75	Plasticity of fine-root functional traits in the litter layer in response to nitrogen addition in a subtropical forest plantation. <i>Plant and Soil</i> , 2017, 415, 317-330.	3.7	16
76	Biochar increased soil respiration in temperate forests but had no effects in subtropical forests. <i>Forest Ecology and Management</i> , 2017, 405, 339-349.	3.2	76
77	Interannual variability of ecosystem carbon exchange: From observation to prediction. <i>Global Ecology and Biogeography</i> , 2017, 26, 1225-1237.	5.8	68
78	Carbon dioxide and methane dynamics in a human-dominated lowland coastal river network (Shanghai, China). <i>Journal of Geophysical Research G: Biogeosciences</i> , 2017, 122, 1738-1758.	3.0	41
79	Linking microbial community composition to C loss rates during wood decomposition. <i>Soil Biology and Biochemistry</i> , 2017, 104, 108-116.	8.8	64
80	Effects of biochar on soil available inorganic nitrogen: A review and meta-analysis. <i>Geoderma</i> , 2017, 288, 79-96.	5.1	433
81	Costimulation of soil glycosidase activity and soil respiration by nitrogen addition. <i>Global Change Biology</i> , 2017, 23, 1328-1337.	9.5	154
82	Grazing intensity significantly affects belowground carbon and nitrogen cycling in grassland ecosystems: a meta-analysis. <i>Global Change Biology</i> , 2017, 23, 1167-1179.	9.5	318
83	Warming Effects on Ecosystem Carbon Fluxes Are Modulated by Plant Functional Types. <i>Ecosystems</i> , 2017, 20, 515-526.	3.4	54
84	Effects of carbon turnover time on terrestrial ecosystem carbon storage. <i>Biogeosciences</i> , 2017, 14, 5441-5454.	3.3	28
85	Uncertainty analysis of terrestrial net primary productivity and net biome productivity in China during 1901–2005. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1372-1393.	3.0	35
86	Stronger warming effects on microbial abundances in colder regions. <i>Scientific Reports</i> , 2016, 5, 18032.	3.3	88
87	Similar responses of soil carbon storage to drought and irrigation in terrestrial ecosystems but with contrasting mechanisms: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2016, 228, 70-81.	5.3	117
88	Grazing exclusion reduced soil respiration but increased its temperature sensitivity in a meadow grassland on the Tibetan Plateau. <i>Ecology and Evolution</i> , 2016, 6, 675-687.	1.9	53
89	Inverse analysis of coupled carbon–nitrogen cycles against multiple datasets at ambient and elevated CO ₂ . <i>Journal of Plant Ecology</i> , 2016, 9, 285-295.	2.3	28
90	Interactive effects of global change factors on soil respiration and its components: a meta-analysis. <i>Global Change Biology</i> , 2016, 22, 3157-3169.	9.5	172

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91	Differential responses of ecosystem respiration components to experimental warming in a meadow grassland on the Tibetan Plateau. <i>Agricultural and Forest Meteorology</i> , 2016, 220, 21-29.	4.8	117
92	Differential Distribution of Metals and Enzymes in Quanzhou Bay Estuarine Wetland Soils under Three Mangrove Species. <i>Soil and Sediment Contamination</i> , 2016, 25, 75-88.	1.9	3
93	Dynamics of litter decomposition of dieback Phragmites in <i>Spartina</i> -invaded salt marshes. <i>Ecological Engineering</i> , 2016, 90, 459-465.	3.6	8
94	The influence of three mangrove species on the distribution of inorganic nitrogen and phosphorus in the Quanzhou Bay estuarine wetland soils. <i>Acta Geochimica</i> , 2016, 35, 64-71.	1.7	4
95	Plant community structure regulates responses of prairie soil respiration to decadal experimental warming. <i>Global Change Biology</i> , 2015, 21, 3846-3853.	9.5	92
96	Biotic and climatic controls on interannual variability in carbon fluxes across terrestrial ecosystems. <i>Agricultural and Forest Meteorology</i> , 2015, 205, 11-22.	4.8	47
97	A global synthesis of belowground carbon responses to biotic disturbance: a meta-analysis. <i>Global Ecology and Biogeography</i> , 2015, 24, 126-138.	5.8	29
98	Warming effects on carbon release in a permafrost area of Qinghai-Tibet Plateau. <i>Environmental Earth Sciences</i> , 2015, 73, 57-66.	2.7	29
99	Rain use efficiency as affected by climate warming and biofuel harvest: results from a 12-year field experiment. <i>GCB Bioenergy</i> , 2014, 6, 556-565.	5.6	9
100	Different responses of soil respiration and its components to nitrogen addition among biomes: a meta-analysis. <i>Global Change Biology</i> , 2014, 20, 2332-2343.	9.5	266
101	Consistent proportional increments in responses of belowground net primary productivity to long-term warming and clipping at various soil depths in a tallgrass prairie. <i>Oecologia</i> , 2014, 174, 1045-1054.	2.0	25
102	Partitioning Climatic and Biotic Effects on Interannual Variability of Ecosystem Carbon Exchange in Three Ecosystems. <i>Ecosystems</i> , 2014, 17, 1186-1201.	3.4	21
103	Consequences of afforestation for soil nitrogen dynamics in central China. <i>Agriculture, Ecosystems and Environment</i> , 2014, 183, 40-46.	5.3	84
104	Effects of harvest residue management on soil carbon and nitrogen processes in a Chinese fir plantation. <i>Forest Ecology and Management</i> , 2014, 326, 163-170.	3.2	23
105	Effects of Substrate Addition on Soil Respiratory Carbon Release Under Long-Term Warming and Clipping in a Tallgrass Prairie. <i>PLoS ONE</i> , 2014, 9, e114203.	2.5	12
106	The effect of warming on grassland evapotranspiration partitioning using laser-based isotope monitoring techniques. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 111, 28-38.	3.9	67
107	Ecosystem Carbon Fluxes in Response to Warming and Clipping in a Tallgrass Prairie. <i>Ecosystems</i> , 2013, 16, 948-961.	3.4	73
108	Effects of rainfall amount and frequency on vegetation growth in a Tibetan alpine meadow. <i>Climatic Change</i> , 2013, 118, 197-212.	3.6	44

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109	Responses of ecosystem carbon cycle to experimental warming: a meta-analysis. <i>Ecology</i> , 2013, 94, 726-738.	3.2	391
110	An imperative need for global change research in tropical forests. <i>Tree Physiology</i> , 2013, 33, 903-912.	3.1	55
111	Contrasting responses of heterotrophic and autotrophic respiration to experimental warming in a winter annual-dominated prairie. <i>Global Change Biology</i> , 2013, 19, 3553-3564.	9.5	60
112	Thermal optimality of net ecosystem exchange of carbon dioxide and underlying mechanisms. <i>New Phytologist</i> , 2012, 194, 775-783.	7.3	111
113	Allocation of carbon to fine root compounds and their residence times in a boreal forest depend on root size class and season. <i>New Phytologist</i> , 2012, 194, 972-981.	7.3	56
114	A framework for benchmarking land models. <i>Biogeosciences</i> , 2012, 9, 3857-3874.	3.3	267
115	Root Biomass Dynamics Under Experimental Warming and Doubled Precipitation in a Tallgrass Prairie. <i>Ecosystems</i> , 2012, 15, 542-554.	3.4	45
116	Interannual variability in responses of belowground net primary productivity ($\langle \text{NPP} \rangle$) and $\langle \text{NPP} \rangle$ partitioning to long-term warming and clipping in a tallgrass prairie. <i>Global Change Biology</i> , 2012, 18, 1648-1656.	9.5	79
117	Climate warming increases soil erosion, carbon and nitrogen loss with biofuel feedstock harvest in tallgrass prairie. <i>GCB Bioenergy</i> , 2011, 3, 198-207.	5.6	28
118	Water-use efficiency in response to climate change: from leaf to ecosystem in a temperate steppe. <i>Global Change Biology</i> , 2011, 17, 1073-1082.	9.5	271
119	Responses of ecosystem nitrogen cycle to nitrogen addition: a meta-analysis. <i>New Phytologist</i> , 2011, 189, 1040-1050.	7.3	383
120	Effect of warming and drought on grassland microbial communities. <i>ISME Journal</i> , 2011, 5, 1692-1700.	9.8	348
121	Minor stimulation of soil carbon storage by nitrogen addition: A meta-analysis. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 234-244.	5.3	390
122	Changes in duration of reproductive phases and lagged phenological response to experimental climate warming. <i>Plant Ecology and Diversity</i> , 2011, 4, 23-35.	2.4	26
123	Experimental warming and clipping altered litter carbon and nitrogen dynamics in a tallgrass prairie. <i>Agriculture, Ecosystems and Environment</i> , 2010, 138, 206-213.	5.3	55
124	Concurrent and lagged impacts of an anomalously warm year on autotrophic and heterotrophic components of soil respiration: a deconvolution analysis. <i>New Phytologist</i> , 2010, 187, 184-198.	7.3	57
125	Deconvolution analysis to quantify autotrophic and heterotrophic respiration and their temperature sensitivities. <i>New Phytologist</i> , 2010, 188, 10-11.	7.3	7
126	Nitrogen regulation of the climate-carbon feedback: evidence from a long-term global change experiment. <i>Ecology</i> , 2010, 91, 3261-3273.	3.2	58

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127	Parameter identifiability, constraint, and equifinality in data assimilation with ecosystem models. <i>Ecological Applications</i> , 2009, 19, 571-574.	3.8	126
128	Conditional inversion to estimate parameters from eddy-flux observations. <i>Journal of Plant Ecology</i> , 2009, 2, 55-68.	2.3	29
129	Labile, recalcitrant, and microbial carbon and nitrogen pools of a tallgrass prairie soil in the US Great Plains subjected to experimental warming and clipping. <i>Soil Biology and Biochemistry</i> , 2009, 41, 110-116.	8.8	288
130	Biomass, Litter, and Soil Respiration Along a Precipitation Gradient in Southern Great Plains, USA. <i>Ecosystems</i> , 2009, 12, 1369-1380.	3.4	116
131	Latitudinal patterns of magnitude and interannual variability in net ecosystem exchange regulated by biological and environmental variables. <i>Global Change Biology</i> , 2009, 15, 2905-2920.	9.5	94
132	Terrestrial carbon cycle feedback to climate warming: experimental evidence on plant regulation and impacts of biofuel feedstock harvest. <i>GCB Bioenergy</i> , 2009, 1, 62-74.	5.6	141
133	Altered ecosystem carbon and nitrogen cycles by plant invasion: a meta-analysis. <i>New Phytologist</i> , 2008, 177, 706-714.	7.3	831
134	Modeled interactive effects of precipitation, temperature, and [CO ₂] on ecosystem carbon and water dynamics in different climatic zones. <i>Global Change Biology</i> , 2008, 14, 1986-1999.	9.5	277
135	MODELING PATTERNS OF NONLINEARITY IN ECOSYSTEM RESPONSES TO TEMPERATURE, CO ₂ , AND PRECIPITATION CHANGES. , 2008, 18, 453-466.		75
136	Symposium 23. Toward Ecological Forecasting. <i>Bulletin of the Ecological Society of America</i> , 2008, 89, 467-474.	0.2	3
137	Divergence of reproductive phenology under climate warming. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 198-202.	7.1	525
138	Source components and interannual variability of soil CO ₂ efflux under experimental warming and clipping in a grassland ecosystem. <i>Global Change Biology</i> , 2007, 13, 070323073558001-???	9.5	145
139	The many faces of climate warming. <i>New Phytologist</i> , 2007, 176, 739-742.	7.3	9
140	Photosynthetic and Respiratory Acclimation to Experimental Warming for Four Species in a Tallgrass Prairie Ecosystem. <i>Journal of Integrative Plant Biology</i> , 2007, 49, 270-281.	8.5	55
141	Invasion of <i>Spartina alterniflora</i> Enhanced Ecosystem Carbon and Nitrogen Stocks in the Yangtze Estuary, China. <i>Ecosystems</i> , 2007, 10, 1351-1361.	3.4	232
142	Main and interactive effects of warming, clipping, and doubled precipitation on soil CO ₂ efflux in a grassland ecosystem. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a.	4.9	97
143	Plant nitrogen concentration, use efficiency, and contents in a tallgrass prairie ecosystem under experimental warming. <i>Global Change Biology</i> , 2005, 11, 1733-1744.	9.5	146
144	Effects of Grazing Intensity on Belowground Carbon and Nitrogen Cycling. , 0, , .		0