

Weiguo Liu

List of Publications by Year in descending order

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19
papers

311
citations

933447

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996975

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g-index

21
all docs

21
docs citations

21
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	A global synthesis reveals increases in soil greenhouse gas emissions under forest thinning. <i>Science of the Total Environment</i> , 2022, 804, 150225.	8.0	17
2	Quantification of Ecosystem-Scale Methane Sinks Observed in a Tropical Rainforest in Hainan, China. <i>Land</i> , 2022, 11, 154.	2.9	0
3	Contribution of the Order Ericales to Improving Paleoclimate Reconstructions. <i>Sustainability</i> , 2022, 14, 4008.	3.2	0
4	Contribution of Incorporating the Phosphorus Cycle into TRIPLEX-CNP to Improve the Quantification of Land Carbon Cycle. <i>Land</i> , 2022, 11, 778.	2.9	0
5	Effects of Nitrogen Additions on Soil Respiration in an Asian Tropical Montane Rainforest. <i>Forests</i> , 2021, 12, 802.	2.1	3
6	A dynamic monetary valuation perspective for carbon sequestration: Effect on biomass utilization strategy of <i>Caragana</i> plantation as an illustration. <i>Ecological Indicators</i> , 2021, 128, 107854.	6.3	4
7	An updated framework for climate change impact assessment of bioenergy and an application in poplar biomass. <i>Applied Energy</i> , 2021, 299, 117323.	10.1	9
8	Assessment of biomass utilization potential of <i>Caragana korshinskii</i> and its effect on carbon sequestration on the Northern Shaanxi Loess Plateau, China. <i>Land Degradation and Development</i> , 2020, 31, 53-64.	3.9	13
9	Interspecific difference in N:P stoichiometric homeostasis drives nutrient release and soil microbial community composition during decomposition. <i>Plant and Soil</i> , 2020, 452, 29-42.	3.7	3
10	A new integrated framework to estimate the climate change impacts of biomass utilization for biofuel in life cycle assessment. <i>Journal of Cleaner Production</i> , 2020, 267, 122061.	9.3	23
11	Comparative analyses of different biogenic CO ₂ emission accounting systems in life cycle assessment. <i>Science of the Total Environment</i> , 2019, 652, 1456-1462.	8.0	20
12	Integrate carbon dynamics models for assessing the impact of land use intervention on carbon sequestration ecosystem service. <i>Ecological Indicators</i> , 2018, 91, 268-277.	6.3	35
13	A critical analysis of the carbon neutrality assumption in life cycle assessment of forest bioenergy systems. <i>Environmental Reviews</i> , 2018, 26, 93-101.	4.5	25
14	Economic and life cycle assessments of biomass utilization for bioenergy products. <i>Biofuels, Bioproducts and Biorefining</i> , 2017, 11, 633-647.	3.7	55
15	Economic and environmental analyses of coal and biomass to liquid fuels. <i>Energy</i> , 2017, 141, 76-86.	8.8	37
16	Analysis of the Global Warming Potential of Biogenic CO ₂ Emission in Life Cycle Assessments. <i>Scientific Reports</i> , 2017, 7, 39857.	3.3	45
17	Carbon impacts of hardwood lumber processing in the northeastern United States. <i>Canadian Journal of Forest Research</i> , 2015, 45, 1699-1710.	1.7	8
18	Inconsistent NDVI trends from AVHRR, MODIS, and SPOT sensors in the Tibetan Plateau. , 2013, , ,		4

#	ARTICLE	IF	CITATIONS
19	A Review of Forest Resources and Forest Biodiversity Evaluation System in China. International Journal of Forestry Research, 2013, 2013, 1-7.	0.8	10