

Yu Liang

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

856
citations

516710

16
h-index

526287

27
g-index

51
all docs

51
docs citations

51
times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	How disturbance, competition, and dispersal interact to prevent tree range boundaries from keeping pace with climate change. <i>Global Change Biology</i> , 2018, 24, e335-e351.	9.5	97
2	Relative effects of climatic and local factors on fire occurrence in boreal forest landscapes of northeastern China. <i>Science of the Total Environment</i> , 2014, 493, 472-480.	8.0	88
3	Complete genome sequence of bacteriocin-producing <i>Lactobacillus plantarum</i> K LDS1.0391, a probiotic strain with gastrointestinal tract resistance and adhesion to the intestinal epithelial cells. <i>Genomics</i> , 2017, 109, 432-437.	2.9	70
4	Genetic structure of a population of the ectomycorrhizal fungus <i>Russula vinosa</i> in subtropical woodlands in southwest China. <i>Mycorrhiza</i> , 2004, 14, 235-240.	2.8	44
5	Recovery dynamics and climate change effects to future New England forests. <i>Landscape Ecology</i> , 2017, 32, 1385-1397.	4.2	42
6	Defining fire environment zones in the boreal forests of northeastern China. <i>Science of the Total Environment</i> , 2015, 518-519, 106-116.	8.0	40
7	Plant adaptability in karst regions. <i>Journal of Plant Research</i> , 2021, 134, 889-906.	2.4	32
8	Comparing Effects of Climate Warming, Fire, and Timber Harvesting on a Boreal Forest Landscape in Northeastern China. <i>PLoS ONE</i> , 2013, 8, e59747.	2.5	29
9	Role of <i>luxS</i> in Stress Tolerance and Adhesion Ability in <i>Lactobacillus plantarum</i> K LDS1.0391. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	28
10	High coloration efficiency and fast switching speed of poly(amic acid-imide)s containing triphenylamine in acidic electrolyte. <i>RSC Advances</i> , 2015, 5, 11071-11076.	3.6	27
11	Spatial simulation of the effect of fire and harvest on aboveground tree biomass in boreal forests of Northeast China. <i>Landscape Ecology</i> , 2014, 29, 1187-1200.	4.2	24
12	Population genetic structure of an ectomycorrhizal fungus <i>Amanita manginiana</i> in a subtropical forest over two years. <i>Mycorrhiza</i> , 2005, 15, 137-142.	2.8	22
13	The formulations of site-scale processes affect landscape-scale forest change predictions: a comparison between LANDIS PRO and LANDIS-II forest landscape models. <i>Landscape Ecology</i> , 2017, 32, 1347-1363.	4.2	22
14	Corrosion Characteristics of Typical Ni-Cr Alloys and Ni-Cr-Mo Alloys in Supercritical Water: A Review. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 18727-18739.	3.7	22
15	Thematic and Spatial Resolutions Affect Model-Based Predictions of Tree Species Distribution. <i>PLoS ONE</i> , 2013, 8, e67889.	2.5	21
16	Long-term effects of fire and harvest on carbon stocks of boreal forests in northeastern China. <i>Annals of Forest Science</i> , 2018, 75, 1.	2.0	17
17	Strong influences of stand age and topography on post-fire understory recovery in a Chinese boreal forest. <i>Forest Ecology and Management</i> , 2020, 473, 118307.	3.2	17
18	Biocrude Upgrading in Different Solvents after Microalgae Hydrothermal Liquefaction. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7966-7974.	3.7	17

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19	Topographic Controls on Vegetation Changes in Alpine Tundra of the Changbai Mountains. <i>Forests</i> , 2018, 9, 756.	2.1	14
20	Long-Term Impacts of China's New Commercial Harvest Exclusion Policy on Ecosystem Services and Biodiversity in the Temperate Forests of Northeast China. <i>Sustainability</i> , 2018, 10, 1071.	3.2	14
21	Spatial structure and diversity of woody plants and ectomycorrhizal fungus sporocarps in a natural subtropical forest. <i>Mycorrhiza</i> , 2007, 17, 271-278.	2.8	13
22	Effects of environmental heterogeneity on predictions of tree species' abundance in response to climate warming. <i>Environmental Modelling and Software</i> , 2014, 59, 222-231.	4.5	13
23	The changes in species composition mediate direct effects of climate change on future fire regimes of boreal forests in northeastern China. <i>Journal of Applied Ecology</i> , 2021, 58, 1336-1345.	4.0	13
24	Coupling ecosystem and landscape models to study the effects of plot number and location on prediction of forest landscape change. <i>Landscape Ecology</i> , 2012, 27, 1031-1044.	4.2	11
25	A coupled modeling framework for predicting ecosystem carbon dynamics in boreal forests. <i>Environmental Modelling and Software</i> , 2017, 93, 332-343.	4.5	11
26	A hybrid boron-doped carbon-coated metal-organic framework with supercapacitance, photocatalytic dye degradation and H ₂ O ₂ sensing properties. <i>Dalton Transactions</i> , 2022, 51, 7613-7621.	3.3	10
27	Responses of tree species to climate warming at different spatial scales. <i>Chinese Geographical Science</i> , 2011, 21, 427-436.	3.0	9
28	Europium coordination polymer particles based electrospun nanofibrous film for point-of-care testing of copper (II) ions. <i>Talanta</i> , 2021, 228, 122270.	5.5	9
29	Are plot data effective for landscape prediction? A simulation study of tree species response to climate warming under varying environmental heterogeneity. <i>Annals of Forest Science</i> , 2011, 68, 899-909.	2.0	8
30	Tree-Lists Estimation for Chinese Boreal Forests by Integrating Weibull Diameter Distributions with MODIS-Based Forest Attributes from kNN Imputation. <i>Forests</i> , 2018, 9, 758.	2.1	8
31	Wind speed and relative humidity influence spatial patterns of burn severity in boreal forests of northeastern China. <i>Annals of Forest Science</i> , 2018, 75, 1.	2.0	8
32	Sensitivity of aboveground biomass and species composition to climate change in boreal forests of Northeastern China. <i>Ecological Modelling</i> , 2021, 445, 109472.	2.5	8
33	Quantifying the relative importance of potential evapotranspiration and timescale selection in assessing extreme drought frequency in conterminous China. <i>Atmospheric Research</i> , 2021, 263, 105797.	4.1	8
34	The Utility Frequent Pattern Mining Based on Slide Window in Data Stream. , 2012, , .		6
35	Evaluating simulated effects of succession, fire, and harvest for LANDIS PRO forest landscape model. <i>Ecological Modelling</i> , 2015, 297, 1-10.	2.5	6
36	Quantifying the effects of remnant seed sources on post-volcanic-eruption forest recovery through historic landscape reconstruction from 1710 to 2010. <i>Landscape Ecology</i> , 2020, 35, 2321-2337.	4.2	6

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37	Multicast with a new switching structure in optical networks. <i>Photonic Network Communications</i> , 2008, 15, 83-89.	2.7	4
38	Large fires or small fires, will they differ in affecting shifts in species composition and distributions under climate change?. <i>Forest Ecology and Management</i> , 2022, 510, 120131.	3.2	4
39	Predicting the responses of boreal forests to climate-fire-vegetation interactions in Northeast China. <i>Environmental Modelling and Software</i> , 2022, 153, 105410.	4.5	4
40	Scale effects of vegetation and topography on burn severity under prevailing fire weather conditions in boreal forest landscapes of Northeastern China. <i>Scandinavian Journal of Forest Research</i> , 2014, 29, 60-70.	1.4	2
41	Assessing the effects of climate variable and timescale selection on uncertainties in dryness/wetness trends in conterminous China. <i>International Journal of Climatology</i> , 2021, 41, 3058-3070.	3.5	2
42	The impact of typhoon on post-volcanic-eruption forest landscape recovery: a study in Changbai mountain through 300 years of historic landscape reconstruction. <i>Landscape Ecology</i> , 2022, 37, 1401-1416.	4.2	2
43	Diversification and phylogenetic correlation of functional traits for co-occurring understory species in the Chinese boreal forest. <i>Journal of Systematics and Evolution</i> , 2023, 61, 369-382.	3.1	2
44	Remnant trees location and abundance play different roles in forest landscape recovery. <i>Forest Ecology and Management</i> , 2022, 511, 120154.	3.2	1
45	Analysis on Medicine Compounding for Stroke Prevention Treated by Xin'an Physicians Based on Association Rules. , 2012, , .		0
46	Reply to "Comment on "Biocrude Upgrading in Different Solvents after Microalgae Hydrothermal Liquefaction": Problems Pitfalls and Solutions". <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12136-12137.	3.7	0