

Wen Wang

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

841
citations

516561

16
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

1061
citing authors

#	ARTICLE	IF	CITATIONS
1	The past and future of modeling forest dynamics: from growth and yield curves to forest landscape models. <i>Landscape Ecology</i> , 2017, 32, 1307-1325.	1.9	96
2	Changes in forest biomass and tree species distribution under climate change in the northeastern United States. <i>Landscape Ecology</i> , 2017, 32, 1399-1413.	1.9	66
3	LANDIS PRO: a landscape model that predicts forest composition and structure changes at regional scales. <i>Ecography</i> , 2014, 37, 225-229.	2.1	58
4	Multi-model comparison on the effects of climate change on tree species in the eastern U.S.: results from an enhanced niche model and process-based ecosystem and landscape models. <i>Landscape Ecology</i> , 2017, 32, 1327-1346.	1.9	47
5	Importance of succession, harvest, and climate change in determining future composition in U.S. Central Hardwood Forests. <i>Ecosphere</i> , 2015, 6, 1-18.	1.0	43
6	A large-scale forest landscape model incorporating multi-scale processes and utilizing forest inventory data. <i>Ecosphere</i> , 2013, 4, 1-22.	1.0	42
7	Increased high-latitude photosynthetic carbon gain offset by respiration carbon loss during an anomalous warm winter to spring transition. <i>Global Change Biology</i> , 2020, 26, 682-696.	4.2	41
8	A framework for evaluating forest landscape model predictions using empirical data and knowledge. <i>Environmental Modelling and Software</i> , 2014, 62, 230-239.	1.9	35
9	Climate change and tree harvest interact to affect future tree species distribution changes. <i>Journal of Ecology</i> , 2019, 107, 1901-1917.	1.9	33
10	Revision and application of the LINKAGES model to simulate forest growth in central hardwood landscapes in response to climate change. <i>Landscape Ecology</i> , 2017, 32, 1365-1384.	1.9	32
11	Combined effects of multi-land use decisions and climate change on water-related ecosystem services in Northeast China. <i>Journal of Environmental Management</i> , 2022, 315, 115131.	3.8	32
12	Effects of species biological traits and environmental heterogeneity on simulated tree species distribution shifts under climate change. <i>Science of the Total Environment</i> , 2018, 634, 1214-1221.	3.9	29
13	Simulating stand-level harvest prescriptions across landscapes: LANDIS PRO harvest module design. <i>Canadian Journal of Forest Research</i> , 2013, 43, 972-978.	0.8	28
14	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.	1.9	24
15	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.	1.9	22
16	Landscape- and regional-scale shifts in forest composition under climate change in the Central Hardwood Region of the United States. <i>Landscape Ecology</i> , 2016, 31, 149-163.	1.9	19
17	Population dynamics has greater effects than climate change on tree species distribution in a temperate forest region. <i>Journal of Biogeography</i> , 2018, 45, 2766-2778.	1.4	17
18	Future forest aboveground carbon dynamics in the central United States: the importance of forest demographic processes. <i>Scientific Reports</i> , 2017, 7, 41821.	1.6	16

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19	Spatial and temporal variations of summer hot days and heat waves and their relationships with large-scale atmospheric circulations across Northeast China. <i>International Journal of Climatology</i> , 2018, 38, 5633-5645.	1.5	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.	1.6	14
21	Potential Distribution Shifts of Plant Species under Climate Change in Changbai Mountains, China. <i>Forests</i> , 2019, 10, 498.	0.9	14
22	Decreasing precipitation occurs in daily extreme precipitation intervals across China in observations and model simulations. <i>Climate Dynamics</i> , 2020, 54, 2597-2612.	1.7	13
23	Effects of rising atmospheric CO ₂ , climate change, and nitrogen deposition on aboveground net primary production in a temperate forest. <i>Environmental Research Letters</i> , 2019, 14, 104005.	2.2	12
24	Modeling the Effects of Harvest Alternatives on Mitigating Oak Decline in a Central Hardwood Forest Landscape. <i>PLoS ONE</i> , 2013, 8, e66713.	1.1	12
25	The site-scale processes affect species distribution predictions of forest landscape models. <i>Ecological Modelling</i> , 2015, 300, 89-101.	1.2	11
26	How can prescribed burning and harvesting restore shortleaf pine-oak woodland at the landscape scale in central United States? Modeling joint effects of harvest and fire regimes. <i>Forest Ecology and Management</i> , 2018, 410, 201-210.	1.4	10
27	Modeling Post-Fire Tree Mortality Using a Logistic Regression Method within a Forest Landscape Model. <i>Forests</i> , 2019, 10, 25.	0.9	7
28	Indirect effects mediate direct effects of climate warming on insect disturbance regimes of temperate broadleaf forests in the central U.S.. <i>Journal of Applied Ecology</i> , 2021, 58, 2626-2636.	1.9	6
29	Long-term effects of succession, climate change and insect disturbance on oak-pine forest composition in the U.S. Central Hardwood Region. <i>European Journal of Forest Research</i> , 2022, 141, 153-164.	1.1	6