Wen Wang

List of Publications by Year
in descending order

29 papers	841 citations	516710 16 h-index	501196 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. Landscape Ecology, 2017, 32, 1307-1325.	4.2	96
2	Changes in forest biomass and tree species distribution under climate change in the northeastern United States. Landscape Ecology, 2017, 32, 1399-1413.	4.2	66
3	LANDIS PRO: a landscape model that predicts forest composition and structure changes at regional scales. Ecography, 2014, 37, 225-229.	4.5	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. Landscape Ecology, 2017, 32, 1327-1346.	4.2	47
5	Importance of succession, harvest, and climate change in determining future composition in U.S. Central Hardwood Forests. Ecosphere, 2015, 6, 1-18.	2.2	43
6	A largeâ€scale forest landscape model incorporating multiâ€scale processes and utilizing forest inventory data. Ecosphere, 2013, 4, 1-22.	2.2	42
7	Increased highâ€latitude photosynthetic carbon gain offset by respiration carbon loss during an anomalous warm winter to spring transition. Global Change Biology, 2020, 26, 682-696.	9.5	41
8	A framework for evaluating forest landscape model predictions using empirical data and knowledge. Environmental Modelling and Software, 2014, 62, 230-239.	4.5	35
9	Climate change and tree harvest interact to affect future tree species distribution changes. Journal of Ecology, 2019, 107, 1901-1917.	4.0	33
10	Revision and application of the LINKAGES model to simulate forest growth in central hardwood landscapes in response to climate change. Landscape Ecology, 2017, 32, 1365-1384.	4.2	32
11	Combined effects of multi-land use decisions and climate change on water-related ecosystem services in Northeast China. Journal of Environmental Management, 2022, 315, 115131.	7.8	32
12	Effects of species biological traits and environmental heterogeneity on simulated tree species distribution shifts under climate change. Science of the Total Environment, 2018, 634, 1214-1221.	8.0	29
13	Simulating stand-level harvest prescriptions across landscapes: LANDIS PRO harvest module design. Canadian Journal of Forest Research, 2013, 43, 972-978.	1.7	28
14	Spatial simulation of the effect of fire and harvest on aboveground tree biomass in boreal forests of Northeast China. Landscape Ecology, 2014, 29, 1187-1200.	4.2	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. Landscape Ecology, 2017, 32, 1347-1363.	4.2	22
16	Landscape- and regional-scale shifts in forest composition under climate change in the Central Hardwood Region of the United States. Landscape Ecology, 2016, 31, 149-163.	4.2	19
17	Population dynamics has greater effects than climate change on tree species distribution in a temperate forest region. Journal of Biogeography, 2018, 45, 2766-2778.	3.0	17
18	Future forest aboveground carbon dynamics in the central United States: the importance of forest demographic processes. Scientific Reports, 2017, 7, 41821.	3.3	16

#	Article	IF	Citations
19	Spatial and temporal variations of summer hot days and heat waves and their relationships with largeâ€scale atmospheric circulations across Northeast China. International Journal of Climatology, 2018, 38, 5633-5645.	3.5	14
20	Long-Term Impacts of Chinaâ€™s New Commercial Harvest Exclusion Policy on Ecosystem Services and Biodiversity in the Temperate Forests of Northeast China. Sustainability, 2018, 10, 1071.	3.2	14
21	Potential Distribution Shifts of Plant Species under Climate Change in Changbai Mountains, China. Forests, 2019, 10, 498.	2.1	14
22	Decreasing precipitation occurs in daily extreme precipitation intervals across China in observations and model simulations. Climate Dynamics, 2020, 54, 2597-2612.	3.8	13
23	Effects of rising atmospheric CO 2 , climate change, and nitrogen deposition on aboveground net primary production in a temperate forest. Environmental Research Letters, 2019, 14, 104005.	5.2	12
24	Modeling the Effects of Harvest Alternatives on Mitigating Oak Decline in a Central Hardwood Forest Landscape. PLoS ONE, 2013, 8, e66713.	2.5	12
25	The site-scale processes affect species distribution predictions of forest landscape models. Ecological Modelling, 2015, 300, 89-101.	2.5	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. Forest Ecology and Management, 2018, 410, 201-210.	3.2	10
27	Modeling Post-Fire Tree Mortality Using a Logistic Regression Method within a Forest Landscape Model. Forests, 2019, 10, 25.	2.1	7
28	Indirect effects mediate direct effects of climate warming on insect disturbance regimes of temperate broadleaf forests in the central U.S.. Journal of Applied Ecology, 2021, 58, 2626-2636.	4.0	6
29	Long-term effects of succession, climate change and insect disturbance on oak-pine forest composition in the U.S. Central Hardwood Region. European Journal of Forest Research, 2022, 141, 153-164.	2.5	6