Long Sun

List of Publications by Year
in descending order

34	460	840776 11	713466 21
papers	citations	h-index	g-index

37	37	37	385
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A study of emissions and marker gases from smouldering combustion in Larix gmelinii plantations of the Daxingâ€™an Mountains. Journal of Forestry Research, 2022, 33, 195-201.	3.6	2
2	Forest fire risk estimation in a typical temperate forest in Northeastern China using the Canadian forest fire weather index: case study in autumn 2019 and 2020. Natural Hazards, 2022, 111, 1085-1101.	3.4	10
3	Climate warming over 1961â€“2019 and impacts on permafrost zonation in Northeast China. Journal of Forestry Research, 2022, 33, 767-788.	3.6	22
4	Impact of microplastics on bioaccumulation of heavy metals in rape (Brassica napus L.). Chemosphere, 2022, 288, 132576.	8.2	66
5	Overexpression of the AtWUSCHEL gene promotes somatic embryogenesis and lateral branch formation in birch (Betula platyphylla Suk.). Plant Cell, Tissue and Organ Culture, 2022, 150, 371-383.	2.3	5
6	The Effects of Fire Disturbance on Litter Decomposition and C:N:P Stoichiometry in a Larix gmelinii Forest Ecosystem of Boreal China. Forests, 2022, 13, 1029.	2.1	0
7	Moisture content thresholds for ignition and rate of fire spread for various dead fuels in northeast forest ecosystems of China. Journal of Forestry Research, 2021, 32, 1147-1155.	3.6	9
8	Chemical characterization and source apportionment of PM1 and PM2.5 in Tianjin, China: Impacts of biomass burning and primary biogenic sources. Journal of Environmental Sciences, 2021, 99, 196-209.	6.1	49
9	Prediction model of moisture content of dead fine fuel in forest plantations on Maoer Mountain, Northeast China. Journal of Forestry Research, 2021, 32, 2023-2035.	3.6	23
10	Changes in the non-growing season soil heterotrophic respiration rate are driven by environmental factors after fire in a cold temperate forest ecosystem. Annals of Forest Science, 2021, 78, 1.	2.0	0
11	Quantifying fire severity: a brief review and recommendations for improvement. Ecosystem Health and Sustainability, 2021, 7, .	3.1	5
12	Effects of fire on soil respiration and its components in a Dahurian larch (Larix gmelinii) forest in northeast China: Implications for forest ecosystem carbon cycling. Geoderma, 2021, 402, 115273.	5.1	20
13	Long-term effects of post-fire restoration types on nitrogen mineralisation in a Dahurian larch (Larix) Tj ETQq1 1 0.784314 rgBT /Over	8.0	27
14	Nonparametric multivariate analysis of variance for affecting factors on the extent of forest fire damage in Jilin Province, China. Journal of Forestry Research, 2019, 30, 2185-2197.	3.6	7
15	Novel low-cost carboxymethyl cellulose microspheres with excellent fertilizer absorbency and release behavior for saline-alkali soil. International Journal of Biological Macromolecules, 2019, 131, 412-419.	7.5	37
16	Influence of Fuel Moisture Content, Packing Ratio and Wind Velocity on the Ignition Probability of Fuel Beds Composed of Mongolian Oak Leaves via Cigarette Butts. Forests, 2018, 9, 507.	2.1	15
17	Moisture content estimation of forest litter based on remote sensing data. Environmental Monitoring and Assessment, 2018, 190, 421.	2.7	5
18	Effect of fire disturbance on active organic carbon of Larix gmelinii forest soil in Northeastern China. Journal of Forestry Research, 2017, 28, 763-774.	3.6	2

#	Article	IF	Citations
19	Soil Respiration of the Dahurian Larch (Larix gmelinii) Forest and the Response to Fire Disturbance in Da Xingâ€™an Mountains, China. Scientific Reports, 2017, 7, 2967.	3.3	25
20	Understanding fire drivers and relative impacts in different Chinese forest ecosystems. Science of the Total Environment, 2017, 605-606, 411-425.	8.0	71
21	Effects of fire disturbance on soil respiration in the non-growing season in a Larix gmelinii forest in the Daxing'an Mountains, China. PLoS ONE, 2017, 12, e0180214.	2.5	10
22	Effect of fire intensity on active organic and total soil carbon in a Larix gmelinii forest in the Daxingâ€™anling Mountains, Northeastern China. Journal of Forestry Research, 2016, 27, 1351-1359.	3.6	2
23	Spatial heterogeneity of soil respiration in a Larix gmelinii forest and the response to prescribed fire in the Greater Xingâ€²an Mountains, China. Journal of Forestry Research, 2016, 27, 1153-1162.	3.6	8
24	Gamma generalized linear model to investigate the effects of climate variables on the area burned by forest fire in northeast China. Journal of Forestry Research, 2015, 26, 545-555.	3.6	6
25	The effect of fire disturbance on short-term soil respiration in typical forest of Greater Xingâ€™an Range, China. Journal of Forestry Research, 2014, 25, 613-620.	3.6	10
26	Estimation of carbon emissions due to forest fire in Daxingâ€™an Mountains from 1965 to 2010. Chinese Journal of Plant Ecology, 2013, 36, 629-644.	0.6	19
27	Spatial Patterns of Lightning-Ignited Forest Fires in Daxingâ€™an Mountains, Heilongjiang Province, China, 1973-1997. Advanced Materials Research, 2011, 183-185, 2268-2274.	0.3	2
28	Application of TM Images on Estimation of Organic Carbon in Surface Soil in Burned Areas. Advanced Materials Research, 2011, 183-185, 2242-2248.	0.3	0
29	Spatial fluctuation of forest fires and their regional behaviors. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2008, 3, 36-41.	0.2	0
30	Sap flow of the major tree species in the eastern mountainous region in northeast China. Frontiers of Forestry in China: Selected Publications From Chinese Universities, 2006, 1, 387-393.	0.2	2
31	Effect of Soil Pb Pollution on Physiological-Biochemical Characteristics of Young <i>Tilia amurensis Rupr.</i>. Advanced Materials Research, 0, 183-185, 1395-1399.	0.3	0
32	Adaptability of <i>Cornus Alba</i> Seedling under Drought Stress in Highway Greening. Applied Mechanics and Materials, 0, 90-93, 3262-3267.	0.2	0
33	Smoke Production Ability during Combustion of the Four Conifer-Tree Species in Hei Long Jiang Province. Advanced Materials Research, 0, 183-185, 1389-1394.	0.3	0
34	Influence Analysis of Benzene-Ethanol Extraction Contents on Tree Species Flammability. Advanced Materials Research, 0, 183-185, 75-81.	0.3	0