

Long Sun

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

460
citations

840776

11
h-index

713466

21
g-index

37
all docs

37
docs citations

37
times ranked

385
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding fire drivers and relative impacts in different Chinese forest ecosystems. <i>Science of the Total Environment</i> , 2017, 605-606, 411-425.	8.0	71
2	Impact of microplastics on bioaccumulation of heavy metals in rape (<i>Brassica napus</i> L.). <i>Chemosphere</i> , 2022, 288, 132576.	8.2	66
3	Chemical characterization and source apportionment of PM1 and PM2.5 in Tianjin, China: Impacts of biomass burning and primary biogenic sources. <i>Journal of Environmental Sciences</i> , 2021, 99, 196-209.	6.1	49
4	Novel low-cost carboxymethyl cellulose microspheres with excellent fertilizer absorbency and release behavior for saline-alkali soil. <i>International Journal of Biological Macromolecules</i> , 2019, 131, 412-419.	7.5	37
5	Long-term effects of post-fire restoration types on nitrogen mineralisation in a Dahurian larch (<i>Larix</i>) Tj ETQq1 1 0.784314 rgbT /Over	8.0	27
6	Soil Respiration of the Dahurian Larch (<i>Larix gmelinii</i>) Forest and the Response to Fire Disturbance in Da Xing'an Mountains, China. <i>Scientific Reports</i> , 2017, 7, 2967.	3.3	25
7	Prediction model of moisture content of dead fine fuel in forest plantations on Maoer Mountain, Northeast China. <i>Journal of Forestry Research</i> , 2021, 32, 2023-2035.	3.6	23
8	Climate warming over 1961–2019 and impacts on permafrost zonation in Northeast China. <i>Journal of Forestry Research</i> , 2022, 33, 767-788.	3.6	22
9	Effects of fire on soil respiration and its components in a Dahurian larch (<i>Larix gmelinii</i>) forest in northeast China: Implications for forest ecosystem carbon cycling. <i>Geoderma</i> , 2021, 402, 115273.	5.1	20
10	Estimation of carbon emissions due to forest fire in Daxing'an Mountains from 1965 to 2010. <i>Chinese Journal of Plant Ecology</i> , 2013, 36, 629-644.	0.6	19
11	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. <i>Forests</i> , 2018, 9, 507.	2.1	15
12	The effect of fire disturbance on short-term soil respiration in typical forest of Greater Xing'an Range, China. <i>Journal of Forestry Research</i> , 2014, 25, 613-620.	3.6	10
13	Effects of fire disturbance on soil respiration in the non-growing season in a <i>Larix gmelinii</i> forest in the Daxing'an Mountains, China. <i>PLoS ONE</i> , 2017, 12, e0180214.	2.5	10
14	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. <i>Natural Hazards</i> , 2022, 111, 1085-1101.	3.4	10
15	Moisture content thresholds for ignition and rate of fire spread for various dead fuels in northeast forest ecosystems of China. <i>Journal of Forestry Research</i> , 2021, 32, 1147-1155.	3.6	9
16	Spatial heterogeneity of soil respiration in a <i>Larix gmelinii</i> forest and the response to prescribed fire in the Greater Xing'an Mountains, China. <i>Journal of Forestry Research</i> , 2016, 27, 1153-1162.	3.6	8
17	Nonparametric multivariate analysis of variance for affecting factors on the extent of forest fire damage in Jilin Province, China. <i>Journal of Forestry Research</i> , 2019, 30, 2185-2197.	3.6	7
18	Gamma generalized linear model to investigate the effects of climate variables on the area burned by forest fire in northeast China. <i>Journal of Forestry Research</i> , 2015, 26, 545-555.	3.6	6

#	ARTICLE	IF	CITATIONS
19	Moisture content estimation of forest litter based on remote sensing data. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 421.	2.7	5
20	Quantifying fire severity: a brief review and recommendations for improvement. <i>Ecosystem Health and Sustainability</i> , 2021, 7, .	3.1	5
21	Overexpression of the AtWUSCHEL gene promotes somatic embryogenesis and lateral branch formation in birch (<i>Betula platyphylla</i> Suk.). <i>Plant Cell, Tissue and Organ Culture</i> , 2022, 150, 371-383.	2.3	5
22	Sap flow of the major tree species in the eastern mountainous region in northeast China. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 387-393.	0.2	2
23	Spatial Patterns of Lightning-Ignited Forest Fires in Daxing'an Mountains, Heilongjiang Province, China, 1973-1997. <i>Advanced Materials Research</i> , 2011, 183-185, 2268-2274.	0.3	2
24	Effect of fire intensity on active organic and total soil carbon in a <i>Larix gmelinii</i> forest in the Daxing'anling Mountains, Northeastern China. <i>Journal of Forestry Research</i> , 2016, 27, 1351-1359.	3.6	2
25	Effect of fire disturbance on active organic carbon of <i>Larix gmelinii</i> forest soil in Northeastern China. <i>Journal of Forestry Research</i> , 2017, 28, 763-774.	3.6	2
26	A study of emissions and marker gases from smouldering combustion in <i>Larix gmelinii</i> plantations of the Daxing'an Mountains. <i>Journal of Forestry Research</i> , 2022, 33, 195-201.	3.6	2
27	Spatial fluctuation of forest fires and their regional behaviors. <i>Frontiers of Forestry in China: Selected Publications From Chinese Universities</i> , 2008, 3, 36-41.	0.2	0
28	Effect of Soil Pb Pollution on Physiological-Biochemical Characteristics of Young <i>Tilia amurensis</i> Rupr. <i>Advanced Materials Research</i> , 0, 183-185, 1395-1399.	0.3	0
29	Adaptability of <i>Cornus Alba</i> Seedling under Drought Stress in Highway Greening. <i>Applied Mechanics and Materials</i> , 0, 90-93, 3262-3267.	0.2	0
30	Smoke Production Ability during Combustion of the Four Conifer-Tree Species in Hei Long Jiang Province. <i>Advanced Materials Research</i> , 0, 183-185, 1389-1394.	0.3	0
31	Application of TM Images on Estimation of Organic Carbon in Surface Soil in Burned Areas. <i>Advanced Materials Research</i> , 2011, 183-185, 2242-2248.	0.3	0
32	Influence Analysis of Benzene-Ethanol Extraction Contents on Tree Species Flammability. <i>Advanced Materials Research</i> , 0, 183-185, 75-81.	0.3	0
33	Changes in the non-growing season soil heterotrophic respiration rate are driven by environmental factors after fire in a cold temperate forest ecosystem. <i>Annals of Forest Science</i> , 2021, 78, 1.	2.0	0
34	The Effects of Fire Disturbance on Litter Decomposition and C:N:P Stoichiometry in a <i>Larix gmelinii</i> Forest Ecosystem of Boreal China. <i>Forests</i> , 2022, 13, 1029.	2.1	0