

Katri Ots

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

218
citations

1162367

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1058022

14
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23
all docs

23
docs citations

23
times ranked

225
citing authors

#	ARTICLE	IF	CITATIONS
1	Short-term effects of wood ash on the soil and the lignin concentration and growth of <i>Pinus sylvestris</i> L. <i>Forest Ecology and Management</i> , 2006, 223, 349-357.	1.4	37
2	Monitoring of heavy metals uptake and allocation in <i>Pinus sylvestris</i> organs in alkalised soil. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4105-4117.	1.3	27
3	Changes in the canopies of <i>Pinus sylvestris</i> and <i>Picea abies</i> under alkaline dust impact in the industrial region of Northeast Estonia. <i>Forest Ecology and Management</i> , 2011, 262, 82-87.	1.4	20
4	Effect of wood ash on the biomass production and nutrient status of young silver birch (<i>Betula</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.6	19
5	Growth and Biomass Partitioning of 6-Year-Old Spruces under Alkaline Dust Impact. <i>Water, Air, and Soil Pollution</i> , 1999, 114, 13-25.	1.1	14
6	Assessment of growth and stemwood quality of Scots pine on territory influenced by alkaline industrial dust. <i>Environmental Monitoring and Assessment</i> , 2008, 138, 51-63.	1.3	12
7	The growth and nutrients status of conifers on ash-treated cutaway peatland. <i>Trees - Structure and Function</i> , 2014, 28, 53-64.	0.9	11
8	Effects of environmental factors on the species richness, composition and community horizontal structure of vascular plants in Scots pine forests on fixed sand dunes. <i>Silva Fennica</i> , 2017, 51, .	0.5	11
9	Scots pine (<i>Pinus sylvestris</i> L.) wood properties in an alkaline air pollution environment. <i>Trees - Structure and Function</i> , 2008, 22, 815-823.	0.9	8
10	Impact of emission from oil shale fueled power plants on the growth and foliar elemental concentrations of Scots pine in Estonia. <i>Environmental Monitoring and Assessment</i> , 2003, 85, 293-308.	1.3	7
11	Re-vegetation processes in cutaway peat production fields in Estonia in relation to peat quality and water regime. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 655.	1.3	7
12	The effect of oil shale ash and mixtures of wood ash and oil shale ash on the above- and belowground biomass formation of Silver birch and Scots pine seedlings on a cutaway peatland. <i>Ecological Engineering</i> , 2017, 108, 296-306.	1.6	7
13	Stimulating the growth of trees with ashes of various biofuels (wood, peat) on a cutaway peatland. <i>Forestry Studies</i> , 2010, 52, 60-71.	0.1	6
14	Effect of wood ash on leaf and shoot anatomy, photosynthesis and carbohydrate concentrations in birch on a cutaway peatland. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 444.	1.3	6
15	Effect of environmental factors on the composition of terrestrial bryophyte and lichen species in Scots pine forests on fixed sand dunes. <i>Forest Systems</i> , 2018, 27, e015.	0.1	6
16	Influence of Climatic Factors on Annual Rings of Conifers. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 1999, 54, 526-533.	0.6	4
17	The Radial Increment and Stemwood Element Concentrations of Scots Pine in the Area Influenced by the Narva Power Plants in Northeast Estonia. <i>Environmental Monitoring and Assessment</i> , 2007, 130, 465-474.	1.3	4
18	Use of biofuel ashes in forestry. <i>Forestry Studies</i> , 2010, 52, 40-59.	0.1	4

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19	Short-term responses of soil chemistry, needle macronutrients and tree growth to clinker dust and fertiliser in a stand of Scots pine. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 83-99.	1.3	2
20	Ground vegetation diversity and geobotanical analysis in dune pine forests in southwest Estonia. <i>Forestry Studies</i> , 2018, 69, 63-74.	0.1	2
21	Afforestation of cutaway peatlands: effect of wood ash on biomass formation and carbon balance. <i>Forestry Studies</i> , 2017, 67, 17-36.	0.1	1
22	The ecological status of Puhatu cutover peatland. <i>Forestry Studies</i> , 2009, 51, 28-39.	0.1	0