

Dongsu Choi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

285
citations

840776

11
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

390
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of elevated CO ₂ and nitrogen on wood structure related to water transport in seedlings of two deciduous broad-leaved tree species. <i>Trees - Structure and Function</i> , 2008, 22, 403-411.	1.9	42
2	Needle longevity, photosynthetic rate and nitrogen concentration of eight spruce taxa planted in northern Japan. <i>Tree Physiology</i> , 2007, 27, 1585-1593.	3.1	39
3	Effect of ectomycorrhizal infection on growth and photosynthetic characteristics of <i>Pinus densiflora</i> seedlings grown under elevated CO ₂ concentrations. <i>Photosynthetica</i> , 2005, 43, 223-229.	1.7	33
4	Microbial biomass and activity along a natural pH gradient in forest soils in a karst region of the upper Yangtze River, China. <i>Journal of Forest Research</i> , 2008, 13, 205-214.	1.4	29
5	The growth of <i>Larix gmelinii</i> seedlings as affected by charcoal produced at two different temperatures. <i>Biology and Fertility of Soils</i> , 2011, 47, 467-472.	4.3	26
6	Comparison of growth characteristics and tolerance to serpentine soil of three ectomycorrhizal spruce seedlings in northern Japan. <i>Trees - Structure and Function</i> , 2006, 20, 430-440.	1.9	22
7	Seed germination and seedling physiology of <i>Larix kaempferi</i> and <i>Pinus densiflora</i> in seedbeds with charcoal and elevated CO ₂ . <i>Landscape and Ecological Engineering</i> , 2009, 5, 107-113.	1.5	20
8	Effect of sulfur dioxide (SO ₂) on growth and physiological activity in <i>Alnus sieboldiana</i> at Miyakejima Island in Japan. <i>Ecological Research</i> , 2014, 29, 103-110.	1.5	17
9	Photosynthetic characteristics and nitrogen allocation in the black locust (<i>Robinia pseudoacacia</i> L.) grown in a FACE system. <i>Acta Physiologiae Plantarum</i> , 2017, 39, 1.	2.1	15
10	Growth and physiological activity in <i>Larix kaempferi</i> seedlings inoculated with ectomycorrhizae as affected by soil acidification. <i>Trees - Structure and Function</i> , 2008, 22, 729-735.	1.9	14
11	Effect of spatial variation of soil respiration rates following disturbance by timber harvesting in a larch plantation in northern Japan. <i>Forest Science and Technology</i> , 2006, 2, 80-91.	0.8	12
12	Differences in Characteristics of Photosynthesis and Nitrogen Utilization in Leaves of the Black Locust (<i>Robinia pseudoacacia</i> L.) According to Leaf Position. <i>Forests</i> , 2021, 12, 348.	2.1	5
13	Effects of Anion Adsorption Characteristics of a Volcanic Ash Soil on Long-term NO ₃ - Leaching from a Partial Clear-cut Cedar and Cypress Watershed.. <i>Journal of the Japanese Forest Society</i> , 2009, 91, 184-191.	0.2	4
14	Characteristics of ¹³⁷ Cs accumulation by <i>Quercus serrata</i> seedlings infected with ectomycorrhizal fungi. <i>Journal of Forest Research</i> , 2018, 23, 21-27.	1.4	4
15	The Distribution and Migration of ¹³⁷ Cs in Oak (<i>Quercus serrata</i>) and Cedar (<i>Cryptomeria japonica</i>) Forest Organic Fractions. <i>Forests</i> , 2021, 12, 1045.	2.1	2
16	Efficacy of soil moisture conditions on the formation of ectomycorrhizal colonization and ¹³⁷ Cs absorption. <i>Landscape and Ecological Engineering</i> , 2020, 16, 87-95.	1.5	1