Viliam Pichler

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12200414/publications.pdf

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26	396	759233 12	794594 19
papers	citations	h-index	g-index

27	27	27	523
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Canopy gap dynamics and tree understory release in a virgin beech forest, Slovakian Carpathians. Forest Ecology and Management, 2018, 415-416, 38-46.	3.2	68
2	Variability of moisture in coarse woody debris from several ecologically important tree species of the Temperate Zone of Europe. Ecohydrology, 2012, 5, 424-434.	2.4	33
3	Variability in Forest Visit Numbers in Different Regions and Population Segments before and during the COVID-19 Pandemic. International Journal of Environmental Research and Public Health, 2021, 18, 3469.	2.6	28
4	Estimating hydraulic conductivity of a sandy soil under different plant covers using minidisk infiltrometer and a dye tracer experiment. Biologia (Poland), 2009, 64, 600-604.	1.5	27
5	Biomass Stock and Productivity of Primeval and Production Beech Forests: Greater Canopy Structural Diversity Promotes Productivity. Ecosystems, 2018, 21, 704-722.	3.4	27
6	High organic carbon stock in a karstic soil of the Middle-European Forest Province persists after centuries-long agroforestry management. European Journal of Forest Research, 2012, 131, 1669-1680.	2.5	24
7	Physiological response of irrigated and non-irrigated Norway spruce trees as a consequence of drought in field conditions. European Journal of Forest Research, 2012, 131, 1737-1746.	2.5	24
8	Spatial patterns of soil microbial characteristics and soil moisture in a natural beech forest. Biologia (Poland), 2006, 61, S329-S333.	1.5	22
9	Effects of forest management on stand leaf area: Comparing beech production and primeval forests in Slovakia. Forest Ecology and Management, 2017, 389, 76-85.	3.2	22
10	Assessing the potential of bioeconomy in Slovakia based on public perception of renewable materials in contrast to non-renewable materials. Ambio, 2020, 49, 1912-1924.	5.5	18
11	Effect of alginite amendment on microbial activity and soil water content in forest soils. Biologia (Poland), 2009, 64, 585-588.	1.5	17
12	Pollution Detection by Magnetic Susceptibility Measurements Aided by the Stemflow Effect. Water, Air, and Soil Pollution, 2008, 189, 213-223.	2.4	15
13	Parent Material Effect on Soil Organic Carbon Concentration under Primeval European Beech Forests at a Regional Scale. Forests, 2021, 12, 405.	2.1	10
14	Beech Forest Density Control on the Dominant Water Flow Types in Andic Soils. Vadose Zone Journal, 2010, 9, 747-756.	2.2	9
15	Changes of Chemical and Biological Properties of Distinct Forest Floor Layers after Wood Ash Application in a Norway Spruce Stand. Forests, 2016, 7, 108.	2.1	9
16	Forest management impact on soil organic carbon: A paired-plot study in primeval and managed European beech forests. Forest Ecology and Management, 2022, 512, 120163.	3.2	7
17	Coarse woody debris of Fagus sylvatica produced a quantitative organic carbon imprint in an andic soil. Journal of Forest Research, 2013, 18, 440-444.	1.4	6
18	Isolating the soil type effect on the organic carbon content in a Rendzic Leptosol and an Andosol on a limestone plateau with andesite protrusions. Geoderma, 2017, 302, 1-5.	5.1	6

#	Article	IF	Citations
19	Modelling Impact of Site and Terrain Morphological Characteristics on Biomass of Tree Species in Putorana Region. Plants, 2021, 10, 2722.	3.5	6
20	Long-Term Soil Reaction Changes in a Temperate Beech Forest Subject to Past Alkaline Pollution. Water, Air, and Soil Pollution, 2009, 204, 5-18.	2.4	5
21	Can Soil Electrical Resistivity Measurements Aid the Identification of Forest Areas Prone to Windthrow Disturbance?. Forests, 2020, 11, 234.	2.1	4
22	Changes of Soil Properties along the Altitudinal Gradients in Subarctic Mountain Landscapes of Putorana Plateau, Central Siberia. Land, 2022, 11, 128.	2.9	4
23	Declining Growth Response of Siberian Spruce to Climate Variability on the Taigaâ€“Tundra Border in the Putorana Mountains (Northwest Siberia). Forests, 2022, 13, 131.	2.1	3
24	Unsaturated Hydraulic Conductivity Estimation of a Forest Soil Assuming a Stochasticâ€€Convective Process. Soil Science Society of America Journal, 2010, 74, 292-300.	2.2	1
25	Effect of surface humus on water infiltration and redistribution in beech forest stands with different density. Central European Forestry Journal, 2017, 63, 73-78.	0.8	0
26	The study of flow type dynamics at pedon scale via morphometric parameter analysis of dye-pattern profiles. Journal of Hydrology and Hydromechanics, 2018, 66, 369-380.	2.0	0