

# Anna Katarzyna Ilek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8994082/publications.pdf>

Version: 2024-02-01

14  
papers

227  
citations

1163117

8  
h-index

1058476

14  
g-index

16  
all docs

16  
docs citations

16  
times ranked

253  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of stand species composition on water storage capacity of the organic layers of forest soils. <i>European Journal of Forest Research</i> , 2015, 134, 187-197.	2.5	41
2	Using undisturbed soil samples to study how rock fragments and soil macropores affect the hydraulic conductivity of forest stony soils: Some methodological aspects. <i>Journal of Hydrology</i> , 2019, 570, 132-140.	5.4	26
3	A laboratory method to determine the hydraulic conductivity of mountain forest soils using undisturbed soil samples. <i>Journal of Hydrology</i> , 2014, 519, 1649-1659.	5.4	25
4	Hygroscopicity of the bark of selected forest tree species. <i>IForest</i> , 2017, 10, 220-226.	1.4	24
5	The effect of the bulk density and the decomposition index of organic matter on the water storage capacity of the surface layers of forest soils. <i>Geoderma</i> , 2017, 285, 27-34.	5.1	22
6	Hygroscopic contributions to bark water storage and controls exerted by internal bark structure over water vapor absorption. <i>Trees - Structure and Function</i> , 2021, 35, 831-843.	1.9	22
7	Effect of Different Tillage Systems on Soil Organic Carbon and Enzymatic Activity. <i>Agronomy</i> , 2022, 12, 208.	3.0	16
8	Hydrological properties of bark of selected forest tree species. Part I: the coefficient of development of the interception surface of bark. <i>Trees - Structure and Function</i> , 2014, 28, 831-839.	1.9	12
9	The effect of the shape parameters of a sample on the hydraulic conductivity. <i>Journal of Hydrology</i> , 2016, 534, 230-236.	5.4	8
10	Hydrological properties of bark of selected forest tree species. Part 2: Interspecific variability of bark water storage capacity. <i>Folia Forestalia Polonica, Series A</i> , 2017, 59, 110-122.	0.3	8
11	The water absorbability of beech ( <i>Fagus sylvatica</i> L.) and fir ( <i>Abies alba</i> mill.) organic matter in the forest floor. <i>Annals of Forest Research</i> , 2014, 62, .	1.1	6
12	Does Mixing Tree Species Affect Water Storage Capacity of the Forest Floor? Laboratory Test of Pine-Oak and Fir-Beech Litter Layers. <i>Forests</i> , 2021, 12, 1674.	2.1	5
13	Vertical Variability in Bark Hydrology for Two Coniferous Tree Species. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	4
14	Tree Bark: A Surprising and Diverse Reservoir for Water. <i>Frontiers for Young Minds</i> , 0, 10, .	0.8	0