

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5667313/publications.pdf>

Version: 2024-02-01

29  
papers

548  
citations

759233

12  
h-index

677142

22  
g-index

40  
all docs

40  
docs citations

40  
times ranked

898  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in hydrometeorological conditions and stream water organic carbon in boreal forested catchments. <i>Science of the Total Environment</i> , 2009, 408, 92-101.	8.0	105
2	Rates and spatial variability of peat subsidence in Acacia plantation and forest landscapes in Sumatra, Indonesia. <i>Geoderma</i> , 2019, 338, 410-421.	5.1	84
3	Evaluation of Salvage Logging Productivity and Costs in Windthrown Norway Spruce-Dominated Forests. <i>Forests</i> , 2018, 9, 280.	2.1	38
4	Impact of forest plantation on methane emissions from tropical peatland. <i>Global Change Biology</i> , 2020, 26, 2477-2495.	9.5	34
5	Predicting the export and concentrations of organic carbon, nitrogen and phosphorus in boreal lakes by catchment characteristics and land use: A practical approach. <i>Ambio</i> , 2016, 45, 933-945.	5.5	29
6	Anthropogenic impacts on lowland tropical peatland biogeochemistry. <i>Nature Reviews Earth &amp; Environment</i> , 2022, 3, 426-443.	29.7	28
7	Biochar as adsorbent in purification of clear-cut forest runoff water: adsorption rate and adsorption capacity. <i>Biochar</i> , 2020, 2, 227-237.	12.6	24
8	Drainage and Stand Growth Response in Peatland Forests—Description, Testing, and Application of Mechanistic Peatland Simulator SUSI. <i>Forests</i> , 2021, 12, 293.	2.1	22
9	Hydraulic Properties of Mor Layers in Finland. <i>Scandinavian Journal of Forest Research</i> , 2001, 16, 429-441.	1.4	20
10	Profitability of continuous-cover forestry in Norway spruce dominated peatland forest and the role of water table. <i>Canadian Journal of Forest Research</i> , 2021, 51, 859-870.	1.7	19
11	Impact and productivity of harvesting while retaining young understorey spruces in final cutting of downy birch ( <i>Betula pubescens</i> ). <i>Silva Fennica</i> , 2012, 46, .	1.3	14
12	Canal blocking optimization in restoration of drained peatlands. <i>Biogeosciences</i> , 2020, 17, 4769-4784.	3.3	14
13	Water quality and the biodegradability of dissolved organic carbon in drained boreal peatland under different forest harvesting intensities. <i>Science of the Total Environment</i> , 2022, 806, 150919.	8.0	14
14	Purification of Forest Clear-Cut Runoff Water Using Biochar: A Meso-Scale Laboratory Column Experiment. <i>Water (Switzerland)</i> , 2020, 12, 478.	2.7	13
15	Nitrogen and Carbon Dynamics and the Role of Enchytraeid Worms in Decomposition of L, F and H Layers of Boreal Mor. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 3701-3719.	2.4	12
16	Should harvest residues be left on site in peatland forests to decrease the risk of potassium depletion?. <i>Forest Ecology and Management</i> , 2016, 374, 136-145.	3.2	8
17	Controls of Organic Carbon and Nutrient Export from Unmanaged and Managed Boreal Forested Catchments. <i>Water (Switzerland)</i> , 2021, 13, 2363.	2.7	8
18	Thermal and Aeration Properties of Mor Layers in Finland. <i>Scandinavian Journal of Forest Research</i> , 2000, 15, 433-444.	1.4	7

#	ARTICLE	IF	CITATIONS
19	Improving the financial performance of solid forest fuel supply using a simple moisture and dry matter loss simulation and optimization. <i>Biomass and Bioenergy</i> , 2018, 116, 72-79.	5.7	7
20	Extending the ROMUL model to simulate the dynamics of dissolved and sorbed C and N compounds in decomposing boreal mor. <i>Ecological Modelling</i> , 2014, 272, 277-292.	2.5	6
21	Nutrient Balance as a Tool for Maintaining Yield and Mitigating Environmental Impacts of Acacia Plantation in Drained Tropical Peatlandâ€”Description of Plantation Simulator. <i>Forests</i> , 2021, 12, 312.	2.1	6
22	Peat macropore networks â€” new insights into episodic and hotspot methane emission. <i>Biogeosciences</i> , 2022, 19, 1959-1977.	3.3	6
23	Hydrology of Drained Peatland Forest: Numerical Experiment on the Role of Tree Stand Heterogeneity and Management. <i>Forests</i> , 2018, 9, 645.	2.1	5
24	Temperature sensitivity patterns of carbon and nitrogen processes in decomposition of boreal organic soils â€” Quantification in different compounds and molecule sizes based on a multifactorial experiment. <i>PLoS ONE</i> , 2019, 14, e0223446.	2.5	5
25	NutSpaFHyâ€”A Distributed Nutrient Balance Model to Predict Nutrient Export from Managed Boreal Headwater Catchments. <i>Forests</i> , 2021, 12, 808.	2.1	5
26	Release of Carbon in Different Molecule Size Fractions from Decomposing Boreal Mor and Peat as Affected by Enchytraeid Worms. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	4
27	Modeling depth of drainage ditches in forested peatlands in Finland. <i>Baltic Forestry</i> , 2020, 26, .	0.5	4
28	Nitrogen Recovery from Clear-Cut Forest Runoff Using Biochar: Adsorptionâ€”Desorption Dynamics Affected by Water Nitrogen Concentration. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	2
29	Impact of Forest Harvesting Intensity and Water Table on Biodegradability of Dissolved Organic Carbon in Boreal Peat in an Incubation Experiment. <i>Forests</i> , 2022, 13, 599.	2.1	1