

# Karolina Tahovská

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

675  
citations

687363

13  
h-index

677142

22  
g-index

23  
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23  
docs citations

23  
times ranked

977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Changes in forest nitrogen cycling across deposition gradient revealed by $\delta^{15}\text{N}$ in tree rings. <i>Environmental Pollution</i> , 2022, 304, 119104.	7.5	5
2	Coupling the resource stoichiometry and microbial biomass turnover to predict nutrient mineralization and immobilization in soil. <i>Geoderma</i> , 2021, 385, 114884.	5.1	26
3	Soil Microbiome Composition along the Natural Norway Spruce Forest Life Cycle. <i>Forests</i> , 2021, 12, 410.	2.1	6
4	Litter decomposition in European coniferous and broadleaf forests under experimentally elevated acidity and nitrogen addition. <i>Plant and Soil</i> , 2021, 463, 471-485.	3.7	15
5	Dissolved and gaseous nitrogen losses in forests controlled by soil nutrient stoichiometry. <i>Environmental Research Letters</i> , 2021, 16, 064025.	5.2	9
6	Biochemical inhibition of acid phosphatase activity in two mountain spruce forest soils. <i>Biology and Fertility of Soils</i> , 2021, 57, 991-1005.	4.3	2
7	Bacteria but not fungi respond to soil acidification rapidly and consistently in both a spruce and beech forest. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	15
8	Positive response of soil microbes to long-term nitrogen input in spruce forest: Results from a whole-catchment N-addition experiment. <i>Soil Biology and Biochemistry</i> , 2020, 143, 107732.	8.8	35
9	Tree dieback and related changes in nitrogen dynamics modify the concentrations and proportions of cations on soil sorption complex. <i>Ecological Indicators</i> , 2019, 97, 319-328.	6.3	16
10	Comparison of the impacts of acid and nitrogen additions on carbon fluxes in European conifer and broadleaf forests. <i>Environmental Pollution</i> , 2018, 238, 884-893.	7.5	29
11	In situ phosphorus dynamics in soil: long-term ion-exchange resin study. <i>Biogeochemistry</i> , 2018, 139, 307-320.	3.5	8
12	Microbial communities with distinct denitrification potential in spruce and beech soils differing in nitrate leaching. <i>Scientific Reports</i> , 2017, 7, 9738.	3.3	34
13	Carbon and Nitrogen Pools and Fluxes in Adjacent Mature Norway Spruce and European Beech Forests. <i>Forests</i> , 2016, 7, 282.	2.1	11
14	Excess of Organic Carbon in Mountain Spruce Forest Soils after Bark Beetle Outbreak Altered Microbial N Transformations and Mitigated N-Saturation. <i>PLoS ONE</i> , 2015, 10, e0134165.	2.5	34
15	Different temperature sensitivity and kinetics of soil enzymes indicate seasonal shifts in C, N and P nutrient stoichiometry in acid forest soil. <i>Biogeochemistry</i> , 2014, 117, 525-537.	3.5	56
16	Microbial N immobilization is of great importance in acidified mountain spruce forest soils. <i>Soil Biology and Biochemistry</i> , 2013, 59, 58-71.	8.8	73
17	Nitrogen, organic carbon and sulphur cycling in terrestrial ecosystems: linking nitrogen saturation to carbon limitation of soil microbial processes. <i>Biogeochemistry</i> , 2013, 115, 33-51.	3.5	87
18	Response of soil chemistry to forest dieback after bark beetle infestation. <i>Biogeochemistry</i> , 2013, 113, 369-383.	3.5	56

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19	Long-term forest soil acidification, nutrient leaching and vegetation development: Linking modelling and surveys of a primeval spruce forest in the Ukrainian Transcarpathian Mts.. <i>Ecological Modelling</i> , 2012, 244, 28-37.	2.5	20
20	Major changes in forest carbon and nitrogen cycling caused by declining sulphur deposition. <i>Global Change Biology</i> , 2011, 17, 3115-3129.	9.5	119
21	Nitrogen transformations and pools in N-saturated mountain spruce forest soils. <i>Biology and Fertility of Soils</i> , 2009, 45, 395-404.	4.3	17
22	Measurement of <i>in situ</i> Phosphorus Availability in Acidified Soils using Iron-Infused Resin. <i>Communications in Soil Science and Plant Analysis</i> , 0, , 1-8.	1.4	1