JiÅÃ- KaÅˆa

List of Publications by Year
in descending order

Version: 2024-02-01

28	690	471371 17	552653 26
papers	citations	h-index	g-index

28	28	28	844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbial N immobilization is of great importance in acidified mountain spruce forest soils. Soil Biology and Biochemistry, 2013, 59, 58-71.	4.2	73
2	Response of soil chemistry to forest dieback after bark beetle infestation. Biogeochemistry, 2013, 113, 369-383.	1.7	56
3	Effects of Acidic Deposition on in-Lake Phosphorus Availability: A Lesson from Lakes Recovering from Acidification. Environmental Science & Technology, 2015, 49, 2895-2903.	4.6	49
4	Photochemical, chemical, and biological transformations of dissolved organic carbon and its effect on alkalinity production in acidified lakes Ji. Limnology and Oceanography, 2003, 48, 106-117.	1.6	48
5	Impact of Soil Sorption Characteristics and Bedrock Composition on Phosphorus Concentrations in two Bohemian Forest Lakes. Water, Air, and Soil Pollution, 2006, 173, 243-259.	1.1	35
6	Climate Change Increasing Calcium and Magnesium Leaching from Granitic Alpine Catchments. Environmental Science & Technology, 2017, 51, 159-166.	4.6	35
7	Trends in aluminium export from a mountainous area to surface waters, from deglaciation to the recent: Effects of vegetation and soil development, atmospheric acidification, and nitrogen-saturation. Journal of Inorganic Biochemistry, 2009, 103, 1439-1448.	1.5	34
8	The sensitivity of water chemistry to climate in a forested, nitrogen-saturated catchment recovering from acidification. Ecological Indicators, 2016, 63, 196-208.	2.6	34
9	Excess of Organic Carbon in Mountain Spruce Forest Soils after Bark Beetle Outbreak Altered Microbial N Transformations and Mitigated N-Saturation. PLoS ONE, 2015, 10, e0134165.	1.1	34
10	Coupling the resource stoichiometry and microbial biomass turnover to predict nutrient mineralization and immobilization in soil. Geoderma, 2021, 385, 114884.	2.3	26
11	Decreasing litterfall mercury deposition in central European coniferous forests and effects of bark beetle infestation. Science of the Total Environment, 2019, 682, 213-225.	3.9	24
12	Element fluxes in watershed-lake ecosystems recovering from acidification: PleÅ¡nÃ© Lake, the Bohemian Forest, 2001â€“2005. Biologia (Poland), 2006, 61, S427-S440.	0.8	23
13	Factors Affecting the Leaching of Dissolved Organic Carbon after Tree Dieback in an Unmanaged European Mountain Forest. Environmental Science & Technology, 2018, 52, 6291-6299.	4.6	23
14	Element fluxes in watershed-lake ecosystems recovering from acidification: ÄŒertovo Lake, the Bohemian Forest, 2001â€“2005. Biologia (Poland), 2006, 61, S413-S426.	0.8	21
15	Catchment biogeochemistry modifies long-term effects of acidic deposition on chemistry of mountain lakes. Biogeochemistry, 2015, 125, 315-335.	1.7	21
16	Effects of Bark Beetle Disturbance on Soil Nutrient Retention and Lake Chemistry in Glacial Catchment. Ecosystems, 2019, 22, 725-741.	1.6	20
17	Phosphate Sorption Characteristics of European Alpine Soils. Soil Science Society of America Journal, 2011, 75, 862-870.	1.2	19
18	Changes in microclimate and hydrology in an unmanaged mountain forest catchment after insect-induced tree dieback. Science of the Total Environment, 2020, 720, 137518.	3.9	19

#	Article	IF	Citations
19	Climate change accelerates recovery of the Tatra Mountain lakes from acidification and increases their nutrient and chlorophyll a concentrations. Aquatic Sciences, 2019, 81, 1.	0.6	17
20	Tree dieback and related changes in nitrogen dynamics modify the concentrations and proportions of cations on soil sorption complex. Ecological Indicators, 2019, 97, 319-328.	2.6	16
21	Pools and composition of soils in the alpine zone of the Tatra Mountains. Biologia (Poland), 2006, 61, S35-S49.	0.8	12
22	The chemical composition of forest soils and their degree of acidity in Central Europe. Science of the Total Environment, 2019, 687, 96-103.	3.9	12
23	Effects of tree dieback on lake water acidity in the unmanaged catchment of PleÅ¡nÃ© Lake, Czech Republic. Limnology and Oceanography, 2019, 64, 1614-1626.	1.6	11
24	Stability of mercury concentration measurements in archived soil and peat samples. Chemosphere, 2018, 208, 707-711.	4.2	8
25	An important role of decomposing wood for soil environment with a reference to communities of springtails (Collembola). Environmental Monitoring and Assessment, 2019, 191, 222.	1.3	7
26	Responses of soil microarthropod taxon (Hexapoda: Protura) to natural disturbances and management practices in forest-dominated subalpine lake catchment areas. Scientific Reports, 2020, 10, 5572.	1.6	6
27	Diverse effects of accelerating climate change on chemical recovery of alpine lakes from acidic deposition in soil-rich versus scree-rich catchments. Environmental Pollution, 2021, 284, 117522.	3.7	6
28	Measurement ofin situPhosphorus Availability in Acidified Soils using Iron-Infused Resin. Communications in Soil Science and Plant Analysis, 0, , 1-8.	0.6	1