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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6612876/publications.pdf

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26 papers	1,845 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	2948 citing authors

#	Article	IF	Citations
1	Environment and host as large-scale controls of ectomycorrhizal fungi. Nature, 2018, 558, 243-248.	27.8	282
2	Tree mineral nutrition is deteriorating in Europe. Global Change Biology, 2015, 21, 418-430.	9.5	281
3	Early stage litter decomposition across biomes. Science of the Total Environment, 2018, 628-629, 1369-1394.	8.0	177
4	Environmental drivers of ectomycorrhizal communities in Europe's temperate oak forests. Molecular Ecology, 2014, 23, 5628-5644.	3.9	146
5	Detection of temporal trends in atmospheric deposition of inorganic nitrogen and sulphate to forests in Europe. Atmospheric Environment, 2014, 95, 363-374.	4.1	144
6	Responses of forest ecosystems in Europe to decreasing nitrogen deposition. Environmental Pollution, 2019, 244, 980-994.	7.5	132
7	Nitrogen deposition is the most important environmental driver of growth of pure, even-aged and managed European forests. Forest Ecology and Management, 2020, 458, 117762.	3.2	102
8	Quantifying Carbon and Nutrient Input From Litterfall in European Forests Using Field Observations and Modeling. Global Biogeochemical Cycles, 2018, 32, 784-798.	4.9	77
9	The response of soil solution chemistry in European forests to decreasing acid deposition. Global Change Biology, 2018, 24, 3603-3619.	9.5	77
10	Patterns of mast fruiting of common beech, sessile and common oak, Norway spruce and Scots pine in Central and Northern Europe. Forest Ecology and Management, 2016, 363, 237-251.	3.2	57
11	Impact of weather cues and resource dynamics on mast occurrence in the main forest tree species in Europe. Forest Ecology and Management, 2018, 429, 336-350.	3.2	50
12	Impact of declining atmospheric deposition on forest soil solution chemistry in Flanders, Belgium. Atmospheric Environment, 2012, 62, 50-63.	4.1	47
13	Exceedance of critical loads and of critical limits impacts tree nutrition across Europe. Annals of Forest Science, 2015, 72, 929-939.	2.0	39
14	Biometric and eddy covariance-based assessment of decadal carbon sequestration of a temperate Scots pine forest. Agricultural and Forest Meteorology, 2013, 174-175, 135-143.	4.8	38
15	Strong negative impacts of whole tree harvesting in pine stands on poor, sandy soils: A long-term nutrient budget modelling approach. Forest Ecology and Management, 2015, 356, 101-111.	3.2	29
16	Trends in soil solution dissolved organic carbon (DOC) concentrations across European forests. Biogeosciences, 2016, 13, 5567-5585.	3.3	23
17	Clear-felling effects on colonization rates of shade-tolerant forest herbs into a post-agricultural forest adjacent to ancient forest. Applied Vegetation Science, 2011, 14, 75-83.	1.9	22
18	Increasing trends of dissolved organic nitrogen (DON) in temperate forests under recovery from acidification in Flanders, Belgium. Science of the Total Environment, 2016, 553, 107-119.	8.0	19

#	Article	IF	Citations
19	Influence of canopy budget model approaches on atmospheric deposition estimates to forests. Biogeochemistry, 2013, 116, 215-229.	3.5	17
20	Contrasting Resource Dynamics in Mast Years for European Beech and Oakâ€"A Continental Scale Analysis. Frontiers in Forests and Global Change, 2021, 4, .	2.3	16
21	Impact of air-borne or canopy-derived dissolved organic carbon (DOC) on forest soil solution DOC in Flanders, Belgium. Atmospheric Environment, 2014, 83, 155-165.	4.1	15
22	Simulating tree growth response to climate change in structurally diverse oak and beech forests. Science of the Total Environment, 2022, 806, 150422.	8.0	15
23	Multiple nitrogen saturation indicators yield contradicting conclusions on improving nitrogen status of temperate forests. Ecological Indicators, 2017, 82, 451-462.	6.3	14
24	Variability of Ozone Deposition Velocity Over a Mixed Suburban Temperate Forest. Frontiers in Environmental Science, 2018, 6, .	3.3	7
25	Weather, pollution and biotic factors drive net forest - atmosphere exchange of CO2 at different temporal scales in a temperate-zone mixed forest. Agricultural and Forest Meteorology, 2020, 291, 108059.	4.8	7
26	Accurate Measurements of Forest Soil Water Content Using FDR Sensors Require Empirical In Situ (Re)Calibration. Applied Sciences (Switzerland), 2021, 11, 11620.	2.5	3