

Nele Meyer

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

517
citations

840776

11
h-index

940533

16
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20
all docs

20
docs citations

20
times ranked

929
citing authors

#	ARTICLE	IF	CITATIONS
1	The Temperature Sensitivity (Q10) of Soil Respiration: Controlling Factors and Spatial Prediction at Regional Scale Based on Environmental Soil Classes. <i>Global Biogeochemical Cycles</i> , 2018, 32, 306-323.	4.9	132
2	Nitrogen and phosphorus supply controls soil organic carbon mineralization in tropical topsoil and subsoil. <i>Soil Biology and Biochemistry</i> , 2018, 119, 152-161.	8.8	98
3	A hyperspectral indicator system for rangeland degradation on the Tibetan Plateau: A case study towards spaceborne monitoring. <i>Ecological Indicators</i> , 2014, 39, 54-64.	6.3	53
4	From active to stable: Paraglacial transition of Alpine lateral moraine slopes. <i>Land Degradation and Development</i> , 2018, 29, 4158-4172.	3.9	36
5	Stable isotopes reveal that fungal residues contribute more to mineral-associated organic matter pools than plant residues. <i>Soil Biology and Biochemistry</i> , 2022, 168, 108634.	8.8	36
6	Microbial nitrogen mining affects spatio-temporal patterns of substrate-induced respiration during seven years of bare fallow. <i>Soil Biology and Biochemistry</i> , 2017, 104, 175-184.	8.8	34
7	Carbon saturation drives spatial patterns of soil organic matter losses under long-term bare fallow. <i>Geoderma</i> , 2017, 306, 89-98.	5.1	28
8	Soil respiration and its temperature sensitivity (Q10): Rapid acquisition using mid-infrared spectroscopy. <i>Geoderma</i> , 2018, 323, 31-40.	5.1	22
9	Effect of sieving and sample storage on soil respiration and its temperature sensitivity (Q10) in mineral soils from Germany. <i>Biology and Fertility of Soils</i> , 2019, 55, 825-832.	4.3	21
10	Insect herbivory dampens Subarctic birch forest C sink response to warming. <i>Nature Communications</i> , 2020, 11, 2529.	12.8	18
11	Historical charcoal additions alter water extractable, particulate and bulk soil C composition and stabilization. <i>Journal of Plant Nutrition and Soil Science</i> , 2018, 181, 809-817.	1.9	17
12	Living, dead, and absent trees—How do moth outbreaks shape small-scale patterns of soil organic matter stocks and dynamics at the Subarctic mountain birch treeline?. <i>Global Change Biology</i> , 2022, 28, 441-462.	9.5	9
13	Chemical and morphological response of beech saplings (<i>Fagus sylvatica</i> L.) to an experimental soil drought gradient. <i>Forest Ecology and Management</i> , 2021, 498, 119569.	3.2	8
14	A comprehensive dataset of vegetation states, fluxes of matter and energy, weather, agricultural management, and soil properties from intensively monitored crop sites in western Germany. <i>Earth System Science Data</i> , 2020, 12, 2333-2364.	9.9	2
15	Strong Interactive Effects of Warming and Insect Herbivory on Soil Carbon and Nitrogen Dynamics at Subarctic Tree Line. <i>Frontiers in Forests and Global Change</i> , 2021, 4, .	2.3	1
16	Mineralization of vegetable oils used for thermal weed control in arable soils. <i>Biology and Fertility of Soils</i> , 2019, 55, 471-480.	4.3	0