Mathias Neumann

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8365005/publications.pdf

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30	988	623574 14	454834 30
papers	citations	h-index	g-index

32	32	32	1682
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Volume functions for Shorea robusta Gaertn. in Nepal. Forestry, 2022, 95, 405-415.	1.2	3
2	An Improved Forest Structure Data Set for Europe. Remote Sensing, 2022, 14, 395.	1.8	4
3	Variation in eucalypt bark allometry across Australia. Australian Journal of Botany, 2022, 70, 215-230.	0.3	2
4	Quantifying carbon in tree bark: The importance of bark morphology and tree size. Methods in Ecology and Evolution, 2021, 12, 646-654.	2.2	14
5	CO2, nitrogen deposition and a discontinuous climate response drive water use efficiency in global forests. Nature Communications, 2021, 12, 5194.	5.8	30
6	Dynamics of necromass in woody Australian ecosystems. Ecosphere, 2021, 12, e03693.	1.0	6
7	Thinning Response and Potential Basal Areaâ€"A Case Study in a Mixed Sub-Humid Low-Elevation Oak-Hornbeam Forest. Forests, 2021, 12, 1354.	0.9	2
8	Assessing effects of drought on tree mortality and productivity in European forests across two decades: a conceptual framework and preliminary results. IOP Conference Series: Earth and Environmental Science, 2021, 932, 012009.	0.2	3
9	Native Forests Show Resilience to Selective Timber Harvesting in Southeast Queensland, Australia. Frontiers in Forests and Global Change, 2021, 4, .	1.0	2
10	Improving models of fine root carbon stocks and fluxes in European forests. Journal of Ecology, 2020, 108, 496-514.	1.9	23
11	Managing mixed Callitris-Eucalyptus forests for carbon and energy in central-eastern Australia. Biomass and Bioenergy, 2020, 140, 105656.	2.9	4
12	Form Factors of an Economically Valuable Sal Tree (Shorea robusta) of Nepal. Forests, 2020, 11, 754.	0.9	8
13	Causes and consequences of Eastern Australiaâ€™s 2019â€“20 season of megaâ€fires: A broader perspective. Global Change Biology, 2020, 26, 3756-3758.	4.2	28
14	The Continental Impact of European Forest Conservation Policy and Management on Productivity Stability. Remote Sensing, 2019, 11, 87.	1.8	8
15	Quantifying Carbon and Nutrient Input From Litterfall in European Forests Using Field Observations and Modeling. Global Biogeochemical Cycles, 2018, 32, 784-798.	1.9	77
16	Invasive alien pests threaten the carbon stored in Europeâ€™s forests. Nature Communications, 2018, 9, 1626.	5.8	78
17	Canopy mortality has doubled in Europeâ€™s temperate forests over the last three decades. Nature Communications, 2018, 9, 4978.	5.8	182
18	Carbon uptake by European agricultural land is variable, and in many regions could be increased: Evidence from remote sensing, yield statistics and models of potential productivity. Science of the Total Environment, 2018, 643, 902-911.	3.9	11

#	Article	IF	Citations
19	Climate limits on European forest structure across space and time. Global and Planetary Change, 2018, 169, 168-178.	1.6	12
20	EFO-LCI: A New Life Cycle Inventory Database of Forestry Operations in Europe. Environmental Management, 2018, 61, 1031-1047.	1.2	15
21	Climate variability drives recent tree mortality in Europe. Global Change Biology, 2017, 23, 4788-4797.	4.2	183
22	Assessing the resources and mitigation potential of European forests. Energy Procedia, 2017, 125, 372-378.	1.8	6
23	Assessment of MODIS NPP algorithm-based estimates using soil fertility and forest inventory data in mixed hemiboreal forests. Forestry Studies, 2017, 66, 49-64.	0.1	4
24	Creating a Regional MODIS Satellite-Driven Net Primary Production Dataset for European Forests. Remote Sensing, 2016, 8, 554.	1.8	39
25	Estimation of above-ground biomass in forest stands from regression on their basal area and height. Forestry Studies, 2016, 64, 70-92.	0.1	7
26	Optimal resolution for linking remotely sensed and forest inventory data in Europe. Remote Sensing of Environment, 2016, 183, 109-119.	4.6	18
27	Comparison of carbon estimation methods for European forests. Forest Ecology and Management, 2016, 361, 397-420.	1.4	106
28	Comparing MODIS Net Primary Production Estimates with Terrestrial National Forest Inventory Data in Austria. Remote Sensing, 2015, 7, 3878-3906.	1.8	27
29	Exploring debrisâ€flow history and process dynamics using an integrative approach on a dolomitic cone in western Austria. Earth Surface Processes and Landforms, 2012, 37, 913-922.	1.2	31
30	A regional reconstruction of debris-flow activity in the Northern Calcareous Alps, Austria. Geomorphology, 2011, 132, 41-50.	1.1	52