Brigitte Rohner

List of Publications by Year
in descending order

25 papers	1,532 citations	471509 17 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	2814 citing authors

#	Article	IF	Citations
1	Plot size matters: Toward comparable species richness estimates across plotâ€based inventories. Ecology and Evolution, 2022, 12, .	1.9	4
2	Tree vitality indicators revealed a rapid response of beech forests to the 2018 drought. Ecological Indicators, 2021, 120, 106903.	6.3	52
3	â€˜Latent reservesâ€™: A hidden treasure in National Forest Inventories. Journal of Ecology, 2021, 109, 369-383.	4.0	9
4	Assessing the response of forest productivity to climate extremes in Switzerland using modelâ€“data fusion. Global Change Biology, 2020, 26, 2463-2476.	9.5	54
5	Low growth resilience to drought is related to future mortality risk in trees. Nature Communications, 2020, 11, 545.	12.8	228
6	Contrasting resistance and resilience to extreme drought and late spring frost in five major European tree species. Global Change Biology, 2019, 25, 3781-3792.	9.5	152
7	Tree species dynamics in Swiss forests as affected by site, stand and management: A retrospective analysis. Forest Ecology and Management, 2019, 448, 278-293.	3.2	10
8	One Century of Forest Monitoring Data in Switzerland Reveals Species- and Site-Specific Trends of Climate-Induced Tree Mortality. Frontiers in Plant Science, 2019, 10, 307.	3.6	67
9	Presenting MASSIMO: A Management Scenario Simulation Model to Project Growth, Harvests and Carbon Dynamics of Swiss Forests. Forests, 2019, 10, 94.	2.1	19
10	Modeling ingrowth for empirical forest prediction systems. Forest Ecology and Management, 2019, 433, 771-779.	3.2	25
11	State and Change of Forest Resources. Managing Forest Ecosystems, 2019, , 205-230.	0.9	4
12	Forest Development Model MASSIMO. Managing Forest Ecosystems, 2019, , 265-279.	0.9	1
13	Species-specific, pan-European diameter increment models based on data of 2.3 million trees. Forest Ecosystems, 2018, 5, .	3.1	27
14	Predicting individual-tree growth of central European tree species as a function of site, stand, management, nutrient, and climate effects. European Journal of Forest Research, 2018, 137, 29-44.	2.5	57
15	Multiple factors modulate tree growth complementarity in Central European mixed forests. Journal of Ecology, 2018, 106, 1106-1119.	4.0	96
16	Actual European forest management by region, tree species and owner based on 714,000 re-measured trees in national forest inventories. PLoS ONE, 2018, 13, e0207151.	2.5	39
17	Mixing Effects in Norway Spruceâ€”European Beech Stands Are Modulated by Site Quality, Stand Age and Moisture Availability. Forests, 2018, 9, 83.	2.1	14
18	The symmetry of competitive interactions in mixed Norway spruce, silver fir and European beech forests. Journal of Vegetation Science, 2018, 29, 775-787.	2.2	39

#	Article	IF	Citations
19	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth. Frontiers in Plant Science, 2018, 9, 1964.	3.6	117
20	A synthesis of radial growth patterns preceding tree mortality. Global Change Biology, 2017, 23, 1675-1690.	9.5	394
21	Bridging tree rings and forest inventories: How climate effects on spruce and beech growth aggregate over time. Forest Ecology and Management, 2016, 360, 159-169.	3.2	39
22	Entwicklung klimasensitiver Wachstumsfunktionen fÃ¼r das Szenariomodell Â«MassimoÂ». Schweizerische Zeitschrift Fur Forstwesen, 2015, 166, 389-398.	0.1	3
23	Towards non-destructive estimation of tree age. Forest Ecology and Management, 2013, 304, 286-295.	3.2	11
24	Estimating the ageâ€“diameter relationship of oak species in Switzerland using nonlinear mixed-effects models. European Journal of Forest Research, 2013, 132, 751-764.	2.5	18
25	Fifty years of natural succession in Swiss forest reserves: changes in stand structure and mortality rates of oak and beech. Journal of Vegetation Science, 2012, 23, 892-905.	2.2	53