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	A synthesis of radial growth patterns preceding tree mortality. Global Change Biology, 2017, 23, 1675-1690.	9.5	394
2	Low growth resilience to drought is related to future mortality risk in trees. Nature Communications, 2020, 11, 545.	12.8	228
3	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
4	Early-Warning Signals of Individual Tree Mortality Based on Annual Radial Growth. Frontiers in Plant Science, 2018, 9, 1964.	3.6	117
5	Multiple factors modulate tree growth complementarity in Central European mixed forests. Journal of Ecology, 2018, 106, 1106-1119.	4.0	96
6	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
7	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
8	Assessing the response of forest productivity to climate extremes in Switzerland using model–data fusion. Global Change Biology, 2020, 26, 2463-2476.	9.5	54
9	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
10	Tree vitality indicators revealed a rapid response of beech forests to the 2018 drought. Ecological Indicators, 2021, 120, 106903.	6.3	52
11	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
12	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
13	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
14	Species-specific, pan-European diameter increment models based on data of 2.3 million trees. Forest Ecosystems, 2018, 5, .	3.1	27
15	Modeling ingrowth for empirical forest prediction systems. Forest Ecology and Management, 2019, 433, 771-779.	3.2	25
16	Presenting MASSIMO: A Management Scenario Simulation Model to Project Growth, Harvests and Carbon Dynamics of Swiss Forests. Forests, 2019, 10, 94.	2.1	19
17	Estimating the age–diameter relationship of oak species in Switzerland using nonlinear mixed-effects models. European Journal of Forest Research, 2013, 132, 751-764.	2.5	18
18	Mixing Effects in Norway Spruce–European Beech Stands Are Modulated by Site Quality, Stand Age and Moisture Availability. Forests, 2018, 9, 83.	2.1	14

#	Article	IF	Citations
19	Towards non-destructive estimation of tree age. Forest Ecology and Management, 2013, 304, 286-295.	3.2	11
20	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
21	â€˜Latent reservesâ€™: A hidden treasure in National Forest Inventories. Journal of Ecology, 2021, 109, 369-383.	4.0	9
22	State and Change of Forest Resources. Managing Forest Ecosystems, 2019, , 205-230.	0.9	4
23	Plot size matters: Toward comparable species richness estimates across plotâ€based inventories. Ecology and Evolution, 2022, 12, .	1.9	4
24	Entwicklung klimasensitiver Wachstumsfunktionen fÃ¼r das Szenariomodell Â«MassimoÂ». Schweizerische Zeitschrift Fur Forstwesen, 2015, 166, 389-398.	0.1	3
25	Forest Development Model MASSIMO. Managing Forest Ecosystems, 2019, , 265-279.	0.9	1