Steven A Kannenberg

List of Publications by Year
in descending order

21	848	623574 14	752573 20
papers	citations	h-index	g-index

22	22	22	1011
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Opportunities, challenges and pitfalls in characterizing plant waterâ€use strategies. Functional Ecology, 2022, 36, 24-37.	1.7	27
2	Heterogeneous isotope effects decouple conifer leaf and branch sugar Î´18O and Î´13C. Oecologia, 2022, 198, 357-370.	0.9	2
3	Disentangling the drivers of non-stationarity in tree growth. Tree Physiology, 2022, , .	1.4	0
4	Cross-biome synthesis of source versus sink limits to tree growth. Science, 2022, 376, 758-761.	6.0	76
5	Drought-induced decoupling between carbon uptake and tree growth impacts forest carbon turnover time. Agricultural and Forest Meteorology, 2022, 322, 108996.	1.9	16
6	Seasonal and diurnal trends in progressive isotope enrichment along needles in two pine species. Plant, Cell and Environment, 2021, 44, 143-155.	2.8	6
7	Rapid and surprising dieback of Utah juniper in the southwestern USA due to acute drought stress. Forest Ecology and Management, 2021, 480, 118639.	1.4	28
8	Longâ€term nitrogen isotope dynamics in Encelia farinosa reflect plant demographics and climate. New Phytologist, 2021, 232, 1226-1237.	3.5	5
9	Rapid increases in shrubland and forest intrinsic water-use efficiency during an ongoing megadrought. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	34
10	Non-structural carbohydrate pools not linked to hydraulic strategies or carbon supply in tree saplings during severe drought and subsequent recovery. Tree Physiology, 2020, 40, 259-271.	1.4	35
11	Ghosts of the past: how drought legacy effects shape forest functioning and carbon cycling. Ecology Letters, 2020, 23, 891-901.	3.0	168
12	A multi-sensor, multi-scale approach to mapping tree mortality in woodland ecosystems. Remote Sensing of Environment, 2020, 245, 111853.	4.6	45
13	Hot moments in ecosystem fluxes: High GPP anomalies exert outsized influence on the carbon cycle and are differentially driven by moisture availability across biomes. Environmental Research Letters, 2020, 15, 054004.	2.2	16
14	Higher CO 2 Concentrations and Lower Acidic Deposition Have Not Changed Drought Response in Tree Growth But Do Influence iWUE in Hardwood Trees in the Midwestern United States. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 3798-3813.	1.3	22
15	Anisohydric behavior linked to persistent hydraulic damage and delayed drought recovery across seven North American tree species. New Phytologist, 2019, 222, 1862-1872.	3.5	51
16	Linking drought legacy effects across scales: From leaves to tree rings to ecosystems. Global Change Biology, 2019, 25, 2978-2992.	4.2	133
17	Drought legacies are dependent on water table depth, wood anatomy and drought timing across the eastern US. Ecology Letters, 2019, 22, 119-127.	3.0	106
18	Coarse roots prevent declines in whole-tree non-structural carbohydrate pools during drought in an isohydric and an anisohydric species. Tree Physiology, 2018, 38, 582-590.	1.4	35

#	Article	IF	Citations
19	Soil microbial communities buffer physiological responses to drought stress in three hardwood species. Oecologia, 2017, 183, 631-641.	0.9	26
20	Plant responses to stress impacts: the C we do not see. Tree Physiology, 2017, 37, 151-153.	1.4	9
21	Patterns of Potential Methanogenesis Along Soil Moisture Gradients Following Drying and Rewetting in Midwestern Prairie Pothole Wetlands. Wetlands, 2015, 35, 633-640.	0.7	8