

Steven A Kannenberg

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4357911/publications.pdf>

Version: 2024-02-01

21
papers

848
citations

623574

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docs citations

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times ranked

1011
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ghosts of the past: how drought legacy effects shape forest functioning and carbon cycling. <i>Ecology Letters</i> , 2020, 23, 891-901. | 3.0 | 168 |
| 2 | Linking drought legacy effects across scales: From leaves to tree rings to ecosystems. <i>Global Change Biology</i> , 2019, 25, 2978-2992. | 4.2 | 133 |
| 3 | Drought legacies are dependent on water table depth, wood anatomy and drought timing across the eastern US. <i>Ecology Letters</i> , 2019, 22, 119-127. | 3.0 | 106 |
| 4 | Cross-biome synthesis of source versus sink limits to tree growth. <i>Science</i> , 2022, 376, 758-761. | 6.0 | 76 |
| 5 | Anisohydric behavior linked to persistent hydraulic damage and delayed drought recovery across seven North American tree species. <i>New Phytologist</i> , 2019, 222, 1862-1872. | 3.5 | 51 |
| 6 | A multi-sensor, multi-scale approach to mapping tree mortality in woodland ecosystems. <i>Remote Sensing of Environment</i> , 2020, 245, 111853. | 4.6 | 45 |
| 7 | Coarse roots prevent declines in whole-tree non-structural carbohydrate pools during drought in an isohydric and an anisohydric species. <i>Tree Physiology</i> , 2018, 38, 582-590. | 1.4 | 35 |
| 8 | Non-structural carbohydrate pools not linked to hydraulic strategies or carbon supply in tree saplings during severe drought and subsequent recovery. <i>Tree Physiology</i> , 2020, 40, 259-271. | 1.4 | 35 |
| 9 | Rapid increases in shrubland and forest intrinsic water-use efficiency during an ongoing megadrought. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 3.3 | 34 |
| 10 | Rapid and surprising dieback of Utah juniper in the southwestern USA due to acute drought stress. <i>Forest Ecology and Management</i> , 2021, 480, 118639. | 1.4 | 28 |
| 11 | Opportunities, challenges and pitfalls in characterizing plant water-use strategies. <i>Functional Ecology</i> , 2022, 36, 24-37. | 1.7 | 27 |
| 12 | Soil microbial communities buffer physiological responses to drought stress in three hardwood species. <i>Oecologia</i> , 2017, 183, 631-641. | 0.9 | 26 |
| 13 | 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. <i>Journal of Geophysical Research C: Biogeosciences</i> , 2019, 124, 3798-3813. | 1.3 | 22 |
| 14 | Hot moments in ecosystem fluxes: High GPP anomalies exert outsized influence on the carbon cycle and are differentially driven by moisture availability across biomes. <i>Environmental Research Letters</i> , 2020, 15, 054004. | 2.2 | 16 |
| 15 | Drought-induced decoupling between carbon uptake and tree growth impacts forest carbon turnover time. <i>Agricultural and Forest Meteorology</i> , 2022, 322, 108996. | 1.9 | 16 |
| 16 | Plant responses to stress impacts: the C we do not see. <i>Tree Physiology</i> , 2017, 37, 151-153. | 1.4 | 9 |
| 17 | Patterns of Potential Methanogenesis Along Soil Moisture Gradients Following Drying and Rewetting in Midwestern Prairie Pothole Wetlands. <i>Wetlands</i> , 2015, 35, 633-640. | 0.7 | 8 |
| 18 | Seasonal and diurnal trends in progressive isotope enrichment along needles in two pine species. <i>Plant, Cell and Environment</i> , 2021, 44, 143-155. | 2.8 | 6 |

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|----|---|-----|-----------|
| 19 | Long-term nitrogen isotope dynamics in <i>Encelia farinosa</i> reflect plant demographics and climate. <i>New Phytologist</i> , 2021, 232, 1226-1237. | 3.5 | 5 |
| 20 | Heterogeneous isotope effects decouple conifer leaf and branch sugar $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$. <i>Oecologia</i> , 2022, 198, 357-370. | 0.9 | 2 |
| 21 | Disentangling the drivers of non-stationarity in tree growth. <i>Tree Physiology</i> , 2022, , . | 1.4 | 0 |