John S Roden

List of Publications by Year
in descending order

15 papers	1,471 citations	687363 13 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	1545 citing authors

#	Article	IF	Citations
1	Do ²H and ¹⁸O in leaf water reflect environmental drivers differently?. New Phytologist, 2022, 235, 41-51.	7.3	29
2	Historical changes in the stomatal limitation of photosynthesis: empirical support for an optimality principle. New Phytologist, 2020, 225, 2484-2497.	7.3	39
3	Tree-ring isotopes adjacent to Lake Superior reveal cold winter anomalies for the Great Lakes region of North America. Scientific Reports, 2019, 9, 4412.	3.3	12
4	Millennial-scale tree-ring isotope chronologies from coast redwoods provide insights on controls over California hydroclimate variability. Oecologia, 2018, 187, 897-909.	2.0	10
5	The enigma of effective path length for <scp>¹⁸O</scp> enrichment in leaf water of conifers. Plant, Cell and Environment, 2015, 38, 2551-2565.	5.7	45
6	Reconstructing relative humidity from plant Î´¹⁸O and ÎD as deuterium deviations from the global meteoric water line. Ecological Applications, 2014, 24, 960-975.	3.8	48
7	Oxygen and carbon stable isotopes in coast redwood tree rings respond to spring and summer climate signals. Journal of Geophysical Research G: Biogeosciences, 2013, 118, 1438-1450.	3.0	28
8	Is the dual-isotope conceptual model fully operational?. Tree Physiology, 2012, 32, 1179-1182.	3.1	94
9	A controlled test of the dual-isotope approach for the interpretation of stable carbon and oxygen isotope ratio variation in tree rings. Tree Physiology, 2012, 32, 490-503.	3.1	114
10	Frost tolerance and ice formation in Pinus radiata needles: ice management by the endodermis and transfusion tissues. Functional Plant Biology, 2009, 36, 180.	2.1	29
11	Summer precipitation influences the stable oxygen and carbon isotopic composition of tree-ring cellulose in Pinus ponderosa. Tree Physiology, 2007, 27, 491-501.	3.1	48
12	Carbon and oxygen isotope ratios of tree ring cellulose along a precipitation transect in Oregon, United States. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	50
13	Modeling the light interception and carbon gain of individual fluttering aspen (Populus tremuloides) Tj ETQq1 1 0.784314 rgBT /Overlo	1.9	34
14	A mechanistic model for interpretation of hydrogen and oxygen isotope ratios in tree-ring cellulose. Geochimica Et Cosmochimica Acta, 2000, 64, 21-35.	3.9	666
15	Observations of Hydrogen and Oxygen Isotopes in Leaf Water Confirm the Craig-Gordon Model under Wide-Ranging Environmental Conditions1. Plant Physiology, 1999, 120, 1165-1174.	4.8	225