

Jessica A Savage

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,120
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Early spring flowers rely on xylem hydration but are not limited by stem xylem conductivity. <i>New Phytologist</i> , 2022, 233, 838-850.	7.3	4
2	Understory evapotranspiration rates in a coast redwood forest. <i>Ecohydrology</i> , 2022, 15, .	2.4	3
3	Leaf out time correlates with wood anatomy across large geographic scales and within local communities. <i>New Phytologist</i> , 2022, 235, 953-964.	7.3	5
4	Coordination of spring vascular and organ phenology in deciduous angiosperms growing in seasonally cold climates. <i>New Phytologist</i> , 2021, 230, 1700-1715.	7.3	31
5	Seasonal changes in temperate woody plant phloem anatomy and physiology: implications for long-distance transport. <i>AoB PLANTS</i> , 2021, 13, plab028.	2.3	11
6	It's all about timingâ€”or is it? Exploring the potential connection between phloem physiology and whole plant phenology. <i>American Journal of Botany</i> , 2020, 107, 848-851.	1.7	10
7	Ontogenetic scaling of phloem sieve tube anatomy and hydraulic resistance with tree height in <i>Quercus rubra</i> . <i>American Journal of Botany</i> , 2020, 107, 852-863.	1.7	17
8	Immunodetection of Cell Wall Pectin Galactan Opens up New Avenues for Phloem Research. <i>Plant Physiology</i> , 2020, 183, 1435-1437.	4.8	12
9	Extended leaf phenology has limited benefits for invasive species growing at northern latitudes. <i>Biological Invasions</i> , 2020, 22, 2957-2974.	2.4	12
10	Measuring Phloem Transport Velocity on a Tissue Level Using a Phloem-Mobile Dye. <i>Methods in Molecular Biology</i> , 2019, 2014, 203-211.	0.9	0
11	A temporal shift in resource allocation facilitates flowering before leaf out and spring vessel maturation in precocious species. <i>American Journal of Botany</i> , 2019, 106, 113-122.	1.7	15
12	Soil abiotic variables are more important than Salicaceae phylogeny or habitat specialization in determining soil microbial community structure. <i>Molecular Ecology</i> , 2018, 27, 2007-2024.	3.9	44
13	Impact of hemlock woolly adelgid (<i>Adelges tsugae</i>) infestation on xylem structure and function and leaf physiology in eastern hemlock (<i>Tsuga canadensis</i>). <i>Functional Plant Biology</i> , 2018, 45, 501.	2.1	9
14	An experimental test of fitness variation across a hydrologic gradient predicts willow and poplar species distributions. <i>Ecology</i> , 2017, 98, 1311-1323.	3.2	14
15	Maintenance of carbohydrate transport in tall trees. <i>Nature Plants</i> , 2017, 3, 965-972.	9.3	59
16	Testing the Münch hypothesis of long distance phloem transport in plants. <i>ELife</i> , 2016, 5, .	6.0	137
17	Allocation, stress tolerance and carbon transport in plants: how does phloem physiology affect plant ecology?. <i>Plant, Cell and Environment</i> , 2016, 39, 709-725.	5.7	164
18	Soil moisture and chemistry influence diversity of ectomycorrhizal fungal communities associating with willow along an hydrologic gradient. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiv148.	2.7	72

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19	Contrasting effects of plant species traits and moisture on the decomposition of multiple litter fractions. <i>Oecologia</i> , 2015, 179, 573-584.	2.0	13
20	The making of giant pumpkins: how selective breeding changed the phloem of <i>Cucurbita maxima</i> from source to sink. <i>Plant, Cell and Environment</i> , 2015, 38, 1543-1554.	5.7	29
21	Phenological cues drive an apparent trade-off between freezing tolerance and growth in the family Salicaceae. <i>Ecology</i> , 2013, 94, 1708-1717.	3.2	71
22	Phloem Transport Velocity Varies over Time and among Vascular Bundles during Early Cucumber Seedling Development. <i>Plant Physiology</i> , 2013, 163, 1409-1418.	4.8	50
23	Optimal concentration for sugar transport in plants. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20130055.	3.4	63
24	Consequences of salinity and freezing stress for two populations of <i>Quercus virginiana</i> Mill. (Fagaceae) grown in a common garden. <i>Journal of the Torrey Botanical Society</i> , 2013, 140, 145-156.	0.3	6
25	Habitat specialization and the role of trait lability in structuring diverse willow (genus <i>Salix</i>) communities. <i>Ecology</i> , 2012, 93, S138.	3.2	74
26	Contrasting drought survival strategies of sympatric willows (genus: <i>Salix</i>): consequences for coexistence and habitat specialization. <i>Tree Physiology</i> , 2011, 31, 604-614.	3.1	38
27	Willow species (genus: <i>Salix</i>) with contrasting habitat affinities differ in their photoprotective responses to water stress. <i>Functional Plant Biology</i> , 2009, 36, 300.	2.1	28
28	Atmospheric and soil drought reduce nocturnal conductance in live oaks. <i>Tree Physiology</i> , 2007, 27, 611-620.	3.1	96