

Angela C Burnett

List of Publications by Year in descending order

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15
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	How can we make plants grow faster? A source–sink perspective on growth rate. <i>Journal of Experimental Botany</i> , 2016, 67, 31-45.	4.8	228
2	Therapeutic recombinant protein production in plants: Challenges and opportunities. <i>Plants People Planet</i> , 2020, 2, 121-132.	3.3	119
3	A best-practice guide to predicting plant traits from leaf-level hyperspectral data using partial least squares regression. <i>Journal of Experimental Botany</i> , 2021, 72, 6175-6189.	4.8	74
4	Spectroscopy can predict key leaf traits associated with source–sink balance and carbon–nitrogen status. <i>Journal of Experimental Botany</i> , 2019, 70, 1789-1799.	4.8	72
5	Carbon source–sink limitations differ between two species with contrasting growth strategies. <i>Plant, Cell and Environment</i> , 2016, 39, 2460-2472.	5.7	53
6	Detection of the metabolic response to drought stress using hyperspectral reflectance. <i>Journal of Experimental Botany</i> , 2021, 72, 6474-6489.	4.8	23
7	A reporting format for leaf-level gas exchange data and metadata. <i>Ecological Informatics</i> , 2021, 61, 101232.	5.2	22
8	The ‘one-point method’ for estimating maximum carboxylation capacity of photosynthesis: A cautionary tale. <i>Plant, Cell and Environment</i> , 2019, 42, 2472-2481.	5.7	21
9	Seasonal trends in photosynthesis and leaf traits in scarlet oak. <i>Tree Physiology</i> , 2021, 41, 1413-1424.	3.1	17
10	<i>OsSQD1</i> at the crossroads of phosphate and sulfur metabolism affects plant morphology and lipid composition in response to phosphate deprivation. <i>Plant, Cell and Environment</i> , 2020, 43, 1669-1690.	5.7	16
11	Source:sink imbalance detected with leaf- and canopy-level spectroscopy in a field-grown crop. <i>Plant, Cell and Environment</i> , 2021, 44, 2466-2479.	5.7	15
12	Can we improve the chilling tolerance of maize photosynthesis through breeding?. <i>Journal of Experimental Botany</i> , 2022, 73, 3138-3156.	4.8	12
13	Nutrient sink limitation constrains growth in two barley species with contrasting growth strategies. <i>Plant Direct</i> , 2018, 2, e00094.	1.9	11
14	Identification of Quantitative Trait Loci Relating to Flowering Time, Flag Leaf and Awn Characteristics in a Novel Triticum dicoccum Mapping Population. <i>Plants</i> , 2020, 9, 829.	3.5	10
15	Sulfoquinovosyl diacylglycerol synthase 1 impairs glycolipid accumulation and photosynthesis in phosphate-deprived rice. <i>Journal of Experimental Botany</i> , 2021, 72, 6510-6523.	4.8	9