Christopher Szota

List of Publications by Year
in descending order

25 papers	920 citations	430442 18 h-index	610482 24 g-index
25 all docs	25 docs citations	25 times ranked	1089 citing authors

#	Article	IF	Citations
1	Selecting tree species with high transpiration and drought avoidance to optimise runoff reduction in passive irrigation systems. Science of the Total Environment, 2022, 812, 151466.	3.9	6
2	Supporting Growth and Transpiration of Newly Planted Street Trees With Passive Irrigation Systems. Water Resources Research, 2022, 58, .	1.7	4
3	Influence of water storage and plant crop factor on green roof retention and plant drought stress. , 2022, 1, e0000009.		3
4	Relating the climate envelopes of urban tree species to their drought and thermal tolerance. Science of the Total Environment, 2021, 753, 142012.	3.9	15
5	Previous drought exposure leads to greater drought resistance in eucalypts through changes in morphology rather than physiology. Tree Physiology, 2021, 41, 1186-1198.	1.4	26
6	AusTraits, a curated plant trait database for the Australian flora. Scientific Data, 2021, 8, 254.	2.4	73
7	Phenotypic plasticity and genetic adaptation of functional traits influences intra-specific variation in hydraulic efficiency and safety. Tree Physiology, 2020, 40, 215-229.	1.4	49
8	Transpiration by established trees could increase the efficiency of stormwater control measures. Water Research, 2020, 173, 115597.	5.3	22
9	Urban Trees as Green Infrastructure for Stormwater Mitigation and Use. Ecological Studies, 2020, , 397-432.	0.4	13
10	Street tree stormwater control measures can reduce runoff but may not benefit established trees. Landscape and Urban Planning, 2019, 182, 144-155.	3.4	33
11	Green roof storage capacity can be more important than evapotranspiration for retention performance. Journal of Environmental Management, 2019, 232, 404-412.	3.8	41
12	Influence of plant composition and water use strategies on green roof stormwater retention. Science of the Total Environment, 2018, 625, 775-781.	3.9	81
13	Establishing street trees in stormwater control measures can double tree growth when extended waterlogging is avoided. Landscape and Urban Planning, 2018, 178, 122-129.	3.4	41
14	Tree water-use strategies to improve stormwater retention performance of biofiltration systems. Water Research, 2018, 144, 285-295.	5.3	27
15	Tree pits to help mitigate runoff in dense urban areas. Journal of Hydrology, 2018, 565, 400-410.	2.3	33
16	Does the turgor loss point characterize drought response in dryland plants?. Plant, Cell and Environment, 2017, 40, 1500-1511.	2.8	85
17	Drought-avoiding plants with low water use can achieve high rainfall retention without jeopardising survival on green roofs. Science of the Total Environment, 2017, 603-604, 340-351.	3.9	44
18	Laboratory Tests of Substrate Physical Properties May Not Represent the Retention Capacity of Green Roof Substrates In Situ. Water (Switzerland), 2017, 9, 920.	1.2	13

#	Article	IF	Citations
19	Salt tolerant plants increase nitrogen removal from biofiltration systems affected by saline stormwater. Water Research, 2015, 83, 195-204.	5.3	41
20	Urban Plantings: â€˜Living Laboratoriesâ€™ for Climate Change Response. Trends in Plant Science, 2015, 20, 597-599.	4.3	29
21	High water users can be drought tolerant: using physiological traits for green roof plant selection. Plant and Soil, 2013, 372, 177-193.	1.8	106
22	Microsite and litter cover effects on soil conditions and seedling recruitment in a saline agricultural system. Plant and Soil, 2011, 348, 397-409.	1.8	4
23	Contrasting physiological responses of two co-occurring eucalypts to seasonal drought at restored bauxite mine sites. Tree Physiology, 2011, 31, 1052-1066.	1.4	21
24	Root Architecture of Jarrah (Eucalyptus marginata) Trees in Relation to Postâ€Mining Deep Ripping in Western Australia. Restoration Ecology, 2007, 15, S65.	1.4	28
25	A root trait accounting for the extreme phosphorus sensitivity of Hakea prostrata (Proteaceae). Plant, Cell and Environment, 2004, 27, 991-1004.	2.8	82