

Mark E Sherrard

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

617
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759233

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888059

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citing authors

#	ARTICLE	IF	CITATIONS
1	THE ADAPTIVE SIGNIFICANCE OF DROUGHT ESCAPE IN AVENA BARBATA, AN ANNUAL GRASS. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2478-2489.	2.3	146
2	PLASTICITY OF PHYSIOLOGY IN LOBELIA: TESTING FOR ADAPTATION AND CONSTRAINT. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 980-990.	2.3	68
3	Plasticity of physiology in <i>Lobelia</i> : testing for adaptation and constraint. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 980-90.	2.3	52
4	Leaf hydraulic conductivity and photosynthesis are genetically correlated in an annual grass. <i>New Phytologist</i> , 2008, 180, 240-247.	7.3	47
5	The fifth leaf and spike organs of barley (<i>Hordeum vulgare</i> L.) display different physiological and metabolic responses to drought stress. <i>BMC Plant Biology</i> , 2016, 16, 248.	3.6	46
6	Role of aquaporin activity in regulating deep and shallow root hydraulic conductance during extreme drought. <i>Trees - Structure and Function</i> , 2014, 28, 1323-1331.	1.9	43
7	The adaptive significance of drought escape in <i>Avena barbata</i> , an annual grass. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 2478-89.	2.3	43
8	WATER STRESS ALTERS THE GENETIC ARCHITECTURE OF FUNCTIONAL TRAITS ASSOCIATED WITH DROUGHT ADAPTATION IN <i>AVENA BARBATA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2009, 63, 702-715.	2.3	42
9	Local adaptation across a fertility gradient is influenced by soil biota in the invasive grass, <i>Bromus inermis</i> . <i>Evolutionary Ecology</i> , 2012, 26, 529-544.	1.2	35
10	The adaptive significance of ontogenetic changes in physiology: a test in <i>Avena barbata</i> . <i>New Phytologist</i> , 2009, 183, 908-918.	7.3	23
11	Seed mix design and first year management influence multifunctionality and cost-effectiveness in prairie reconstruction. <i>Restoration Ecology</i> , 2020, 28, 807-816.	2.9	22
12	Productivity and resistance to weed invasion in four prairie biomass feedstocks with different diversity. <i>GCB Bioenergy</i> , 2016, 8, 1082-1092.	5.6	14
13	Small vertebrate granivores reduce seedling emergence in native tallgrass prairie restoration. <i>Restoration Ecology</i> , 2018, 26, 323-330.	2.9	13
14	Soil type and species diversity influence selection on physiology in <i>Panicum virgatum</i> . <i>Evolutionary Ecology</i> , 2015, 29, 679-702.	1.2	9
15	Wild bee visitors and their association with sown and unsown floral resources in reconstructed pollinator habitats within an agriculture landscape. <i>Insect Conservation and Diversity</i> , 2022, 15, 102-113.	3.0	6
16	Supplemental seed increases native seedling establishment in roadside prairie restoration. <i>Restoration Ecology</i> , 2018, 26, 1149-1156.	2.9	5
17	Species composition influences soil nutrient depletion and plant physiology in prairie agroenergy feedstocks. <i>Ecosphere</i> , 2019, 10, e02805.	2.2	3