

Jose R Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

244
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

328
citing authors

#	ARTICLE	IF	CITATIONS
1	Systemic effects of rising atmospheric vapor pressure deficit on plant physiology and productivity. <i>Global Change Biology</i> , 2021, 27, 1704-1720.	9.5	92
2	Transpiration increases under high temperature stress: Potential mechanisms, trade-offs and prospects for crop resilience in a warming world. <i>Plant, Cell and Environment</i> , 2021, 44, 2102-2116.	5.7	65
3	Integrating growth stage deficit irrigation into a process based crop model. <i>Agricultural and Forest Meteorology</i> , 2017, 243, 84-92.	4.8	42
4	Modification of the CERES grain sorghum model to simulate optimum sweet sorghum rooting depth for rainfed production on coarse textured soils in a sub-tropical environment. <i>Agricultural Water Management</i> , 2017, 181, 47-55.	5.6	21
5	Sheathing the blade: Significant contribution of sheaths to daytime and nighttime gas exchange in a grass crop. <i>Plant, Cell and Environment</i> , 2020, 43, 1844-1861.	5.7	9
6	Sustainable Use of Groundwater May Dramatically Reduce Irrigated Production of Maize, Soybean, and Wheat. <i>Earth's Future</i> , 2022, 10, .	6.3	8
7	Canopy cooling traits associated with yield performance in heat-stressed oat. <i>European Journal of Agronomy</i> , 2022, 139, 126555.	4.1	6
8	Harnessing nighttime transpiration dynamics for drought tolerance in grasses. <i>Plant Signaling and Behavior</i> , 2021, 16, 1875646.	2.4	1
9	Association between xylem vasculature size and freezing survival in winter barley. <i>Journal of Agronomy and Crop Science</i> , 0, , .	3.5	0