

Rodrigo Mendez-Alonzo

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,171
citations

567281

15
h-index

642732

23
g-index

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all docs

24
docs citations

24
times ranked

2604
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Reflectanceâ€“Derived Spectral Indices for Drought Detection: Application to the Guadalupe Valley Basin, Baja California, Mexico. <i>Land</i> , 2022, 11, 783.	2.9	2
2	Leaf water relations reflect canopy phenology rather than leaf life span in Sonoran Desert trees. <i>Tree Physiology</i> , 2021, 41, 1627-1640.	3.1	19
3	UAV-based thermal imaging and heat output estimation of a coastal geothermal resource: La Jolla beach, Baja California, Mexico. <i>Renewable Energy</i> , 2021, 168, 1364-1376.	8.9	8
4	Hydrological and topographic determinants of biomass and species richness in a Mediterranean-climate shrubland. <i>PLoS ONE</i> , 2021, 16, e0252154.	2.5	1
5	Is Leaf Water-Repellency and Cuticle Roughness Linked to Flooding Regimes in Plants of Coastal Wetlands?. <i>Wetlands</i> , 2020, 40, 515-525.	1.5	5
6	Functional traits indicate faster resource acquisition for alien herbs than native shrubs in an urban Mediterranean shrubland. <i>Biological Invasions</i> , 2020, 22, 2699-2712.	2.4	9
7	Covariation between leaf hydraulics and biomechanics is driven by leaf density in Mediterranean shrubs. <i>Trees - Structure and Function</i> , 2019, 33, 507-519.	1.9	9
8	Plant height and hydraulic vulnerability to drought and cold. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7551-7556.	7.1	254
9	Osmotic and hydraulic adjustment of mangrove saplings to extreme salinity. <i>Tree Physiology</i> , 2016, 36, 1562-1572.	3.1	36
10	Root biomechanics in <i>Rhizophora mangle</i> : anatomy, morphology and ecology of mangroveâ€™s flying buttresses. <i>Annals of Botany</i> , 2015, 115, 833-840.	2.9	36
11	Leaf mass per area is independent of vein length per area: avoiding pitfalls when modelling phenotypic integration (reply to Blonder et al. 2014). <i>Journal of Experimental Botany</i> , 2014, 65, 5115-5123.	4.8	26
12	Bark functional ecology: evidence for tradeoffs, functional coordination, and environment producing bark diversity. <i>New Phytologist</i> , 2014, 201, 486-497.	7.3	159
13	Vegetation Cover and Road Density as Indicators of Habitat Suitability for the Morelet's Crocodile. <i>Journal of Herpetology</i> , 2014, 48, 188-194.	0.5	9
14	Specific Polyphenols and Tannins are Associated with Defense Against Insect Herbivores in the Tropical Oak <i>Quercus oleoides</i> . <i>Journal of Chemical Ecology</i> , 2014, 40, 458-467.	1.8	50
15	Altitudinal changes in tree leaf and stem functional diversity in a semi-tropical mountain. <i>Journal of Vegetation Science</i> , 2014, 25, 955-966.	2.2	23
16	Dynamic control of osmolality and ionic composition of the xylem sap in two mangrove species. <i>American Journal of Botany</i> , 2014, 101, 1013-1022.	1.7	25
17	Leaf phenology is associated with soil water availability and xylem traits in a tropical dry forest. <i>Trees - Structure and Function</i> , 2013, 27, 745-754.	1.9	71
18	Ecological variation in leaf biomechanics and its scaling with tissue structure across three mediterranean-climate plant communities. <i>Functional Ecology</i> , 2013, 27, 544-554.	3.6	36

#	ARTICLE	IF	CITATIONS
19	How do leaf veins influence the worldwide leaf economic spectrum? Review and synthesis. <i>Journal of Experimental Botany</i> , 2013, 64, 4053-4080.	4.8	171
20	Contrasting leaf phenology in two white oaks, <i>Quercus magnoliifolia</i> and <i>Quercus resinosa</i> , along an altitudinal gradient in Mexico. <i>Canadian Journal of Forest Research</i> , 2013, 43, 208-213.	1.7	9
21	Salinity constrains size inequality and allometry in two contrasting mangrove habitats in the Gulf of Mexico. <i>Journal of Tropical Ecology</i> , 2012, 28, 171-179.	1.1	15
22	Coordinated evolution of leaf and stem economics in tropical dry forest trees. <i>Ecology</i> , 2012, 93, 2397-2406.	3.2	148
23	Latitudinal Variation in Leaf and Tree Traits of the Mangrove <i>Avicennia germinans</i> (Avicenniaceae) in the Central Region of the Gulf of Mexico. <i>Biotropica</i> , 2008, 40, 449-456.	1.6	49
24	Allometry of two columnar cacti in a tropical deciduous forest. <i>Revista Brasileira De Botanica</i> , 0, , 1.	1.3	1