

Alejandro E Castellanos

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

760
citations

566801

15
h-index

580395

25
g-index

27
all docs

27
docs citations

27
times ranked

1799
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of transpiration and evaporation following a moisture pulse in semiarid grassland: A chamber-based isotope method for partitioning flux components. <i>Agricultural and Forest Meteorology</i> , 2005, 132, 359-376.	1.9	121
2	Potential Ecological Distribution of Alien Invasive Species and Risk Assessment: a Case Study of Buffel Grass in Arid Regions of Mexico. <i>Conservation Biology</i> , 2004, 18, 1504-1514.	2.4	98
3	Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463.	0.9	98
4	Successional trends in Sonoran Desert abandoned agricultural fields in northern Mexico. <i>Journal of Arid Environments</i> , 2005, 60, 437-455.	1.2	59
5	Foliar C, N, and P stoichiometry characterize successful plant ecological strategies in the Sonoran Desert. <i>Plant Ecology</i> , 2018, 219, 775-788.	0.7	47
6	Leaf, Stem, and Metamer Characteristics of Vines in a Tropical Deciduous Forest in Jalisco, Mexico. <i>Biotropica</i> , 1989, 21, 41.	0.8	42
7	Progress and opportunities for monitoring greenhouse gases fluxes in Mexican ecosystems: the MexFlux network. <i>Atmosfera</i> , 2013, 26, 325-336.	0.3	31
8	Vine species diversity across environmental gradients in northwestern MÃ©xico. <i>Biodiversity and Conservation</i> , 2004, 13, 1853-1874.	1.2	30
9	Microenvironmental Heterogeneity and Space Utilization by Desert Vines within their Host Trees. <i>Annals of Botany</i> , 1999, 84, 145-153.	1.4	26
10	Water use by perennial crops in the lower Sonora watershed. <i>Journal of Arid Environments</i> , 2010, 74, 603-610.	1.2	23
11	Using remote sensing tools to assess land use transitions in unsustainable arid agro-ecosystems. <i>Journal of Arid Environments</i> , 2014, 106, 27-35.	1.2	21
12	Physiological response of Cucurbita pepo var. pepo mycorrhized by Sonoran desert native arbuscular fungi to drought and salinity stresses. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 45-53.	0.8	19
13	Ecohydrological changes in semiarid ecosystems transformed from shrubland to buffelgrass savanna. <i>Ecohydrology</i> , 2016, 9, 1663-1674.	1.1	18
14	High temperature effects on gas exchange for the invasive buffel grass (<i>Pennisetum ciliare</i> [L.] Link). <i>Weed Biology and Management</i> , 2007, 7, 128-131.	0.6	17
15	Native shrubland and managed buffelgrass savanna in drylands: Implications for ecosystem carbon and water fluxes. <i>Agricultural and Forest Meteorology</i> , 2019, 268, 269-278.	1.9	16
16	Analyzing Landscape Trends on Agriculture, Introduced Exotic Grasslands and Riparian Ecosystems in Arid Regions of Mexico. <i>Remote Sensing</i> , 2016, 8, 664.	1.8	14
17	Mapping Changes in Carbon Storage and Productivity Services Provided by Riparian Ecosystems of Semi-Arid Environments in Northwestern Mexico. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 298.	1.4	14
18	Assessing Riparian Vegetation Condition and Function in Disturbed Sites of the Arid Northwestern Mexico. <i>Land</i> , 2018, 7, 13.	1.2	13

#	ARTICLE	IF	CITATIONS
19	High V _{cmax} , J _{max} and photosynthetic rates of Sonoran Desert species: Using nitrogen and specific leaf area traits as predictors in biochemical models. <i>Journal of Arid Environments</i> , 2018, 156, 1-8.	1.2	12
20	Sustainable Land Use Requires Attention to Ecological Signals. <i>Environmental Management</i> , 2003, 32, 551-558.	1.2	11
21	Carbon and Water Fluxes in an Exotic Buffelgrass Savanna. <i>Rangeland Ecology and Management</i> , 2016, 69, 334-341.	1.1	10
22	Land Use and Environmental Variability Impacts on the Phenology of Arid Agro-Ecosystems. <i>Environmental Management</i> , 2016, 57, 283-297.	1.2	9
23	Plant functional diversity influences water and carbon fluxes and their use efficiencies in native and disturbed dryland ecosystems. <i>Ecohydrology</i> , 2022, 15, .	1.1	6
24	Functional Diversity in Plants: Implications for Conservation Issues of the Mexican Biodiversity. , 2018, , 519-554.		3
25	Respuestas de los atributos fotosintéticos y estequiométricos a la aridez en las especies y tipos funcionales de dos comunidades del desierto sonorense. <i>Botanical Sciences</i> , 2021, 99, 257-278.	0.3	1
26	Eficiencia de reabsorción de nitrógeno y fósforo y sus relaciones estequiométricas durante la senescencia en especies del Desierto Sonorense. <i>Botanical Sciences</i> , 2021, 1, .	0.3	0