

Edward Castañeda-Moya

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,387
citations

257357

24
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276775

41
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48
all docs

48
docs citations

48
times ranked

4062
citing authors

#	ARTICLE	IF	CITATIONS
1	Water levels primarily drive variation in photosynthesis and nutrient use of scrub Red Mangroves in the southeastern Florida Everglades. <i>Tree Physiology</i> , 2022, 42, 797-814.	1.4	3
2	Dissimilatory nitrate reduction to ammonium (DNRA) is marginal relative to denitrification in emerging-eroding wetlands in a subtropical oligohaline and eutrophic coastal delta. <i>Science of the Total Environment</i> , 2022, 819, 152942.	3.9	10
3	Temperature Across Vegetation Canopy-Water-Soil Interfaces Is Modulated by Hydroperiod and Extreme Weather in Coastal Wetlands. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
4	Macroecological patterns of forest structure and allometric scaling in mangrove forests. <i>Global Ecology and Biogeography</i> , 2021, 30, 1000-1013.	2.7	32
5	Time lags: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021, 12, e03431.	1.0	16
6	Storm surge and ponding explain mangrove dieback in southwest Florida following Hurricane Irma. <i>Nature Communications</i> , 2021, 12, 4003.	5.8	66
7	Tropical cyclones cumulatively control regional carbon fluxes in Everglades mangrove wetlands (Florida, USA). <i>Scientific Reports</i> , 2021, 11, 13927.	1.6	9
8	Biogeochemical and Hydrological Variables Synergistically Influence Nitrate Variability in Coastal Deltaic Wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005737.	1.3	5
9	Hydroperiod and Salinity Interactions Control Mangrove Root Dynamics in a Karstic Oceanic Island in the Caribbean Sea (San Andres, Colombia). <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	14
10	Evaluating a Steady-State Model of Soil Accretion in Everglades Mangroves (Florida, USA). <i>Estuaries and Coasts</i> , 2021, 44, 1469-1476.	1.0	2
11	Modeling soil porewater salinity in mangrove forests (Everglades, Florida, USA) impacted by hydrological restoration and a warming climate. <i>Ecological Modelling</i> , 2020, 436, 109292.	1.2	15
12	Simulating hydrological connectivity and water age within a coastal deltaic floodplain of the Mississippi River Delta. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 245, 106995.	0.9	16
13	Hurricanes fertilize mangrove forests in the Gulf of Mexico (Florida Everglades, USA). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4831-4841.	3.3	61
14	Disturbance legacies increase and synchronize nutrient concentrations and bacterial productivity in coastal ecosystems. <i>Ecology</i> , 2020, 101, e02988.	1.5	16
15	Spatial variability of mangrove primary productivity in the neotropics. <i>Ecosphere</i> , 2019, 10, e02841.	1.0	36
16	Ecogeomorphology of coastal deltaic floodplains and estuaries in an active delta: Insights from the Atchafalaya Coastal Basin. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 227, 106341.	0.9	35
17	High-resolution mapping of biomass and distribution of marsh and forested wetlands in southeastern coastal Louisiana. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2019, 80, 257-267.	1.4	23
18	Interannual hydroclimatic variability in coastal Tanzania. <i>International Journal of Climatology</i> , 2019, 39, 4736-4750.	1.5	11

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19	Why Do We Need to Document and Conserve Foundation Species in Freshwater Wetlands?. Water (Switzerland), 2019, 11, 265.	1.2	10
20	Long-term demography and stem productivity of Everglades mangrove forests (Florida, USA): Resistance to hurricane disturbance. Forest Ecology and Management, 2019, 440, 79-91.	1.4	27
21	Collaborative Research Across Boundaries: Mangrove Ecosystem Services and Poverty Traps as a Coupled Natural-Human System. , 2019, , 115-152.		1
22	Mangrove canopy height globally related to precipitation, temperature and cyclone frequency. Nature Geoscience, 2019, 12, 40-45.	5.4	279
23	Mangrove Biogeochemistry at Local to Global Scales Using Ecogeomorphic Approaches. , 2019, , 717-785.		11
24	Integrating Imaging Spectrometer and Synthetic Aperture Radar Data for Estimating Wetland Vegetation Aboveground Biomass in Coastal Louisiana. Remote Sensing, 2019, 11, 2533.	1.8	20
25	Channel-Island Connectivity Affects Water Exposure Time Distributions in a Coastal River Delta. Water Resources Research, 2018, 54, 2212-2232.	1.7	43
26	Episodic disturbances drive nutrient dynamics along freshwater-estuary gradients in a subtropical wetland. Ecosphere, 2018, 9, e02296.	1.0	9
27	Global controls on carbon storage in mangrove soils. Nature Climate Change, 2018, 8, 534-538.	8.1	216
28	BioTIME: A database of biodiversity time series for the Anthropocene. Global Ecology and Biogeography, 2018, 27, 760-786.	2.7	289
29	Assessment of Everglades mangrove forest resilience: Implications for above-ground net primary productivity and carbon dynamics. Forest Ecology and Management, 2017, 404, 115-125.	1.4	48
30	Partitioning the relative contributions of organic matter and mineral sediment to accretion rates in carbonate platform mangrove soils. Marine Geology, 2017, 390, 170-180.	0.9	46
31	Productivity and Carbon Dynamics in Mangrove Wetlands. , 2017, , 113-162.		28
32	Scaling mangrove aboveground biomass from site-level to continental-scale. Global Ecology and Biogeography, 2016, 25, 286-298.	2.7	73
33	The role of economic, policy, and ecological factors in estimating the value of carbon stocks in Everglades mangrove forests, South Florida, USA. Environmental Science and Policy, 2016, 66, 160-169.	2.4	72
34	New perspectives on an iconic landscape from comparative international long-term ecological research. Ecosphere, 2015, 6, 1-18.	1.0	9
35	Allocation of biomass and net primary productivity of mangrove forests along environmental gradients in the Florida Coastal Everglades, USA. Forest Ecology and Management, 2013, 307, 226-241.	1.4	157
36	The Role of the Everglades Mangrove Ecotone Region (EMER) in Regulating Nutrient Cycling and Wetland Productivity in South Florida. Critical Reviews in Environmental Science and Technology, 2011, 41, 633-669.	6.6	64

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37	Patterns of Root Dynamics in Mangrove Forests Along Environmental Gradients in the Florida Coastal Everglades, USA. <i>Ecosystems</i> , 2011, 14, 1178-1195.	1.6	145
38	Salinity and Chlorophyll a as Performance Measures to Rehabilitate a Mangrove-Dominated Deltaic Coastal Region: the Ciénaga Grande de Santa Marta-Pajarales Lagoon Complex, Colombia. <i>Estuaries and Coasts</i> , 2011, 34, 1-19.	1.0	30
39	Sediment and Nutrient Deposition Associated with Hurricane Wilma in Mangroves of the Florida Coastal Everglades. <i>Estuaries and Coasts</i> , 2010, 33, 45-58.	1.0	127
40	Denitrification in coastal Louisiana: A spatial assessment and research needs. <i>Journal of Sea Research</i> , 2010, 63, 157-172.	0.6	51
41	A systematic method for 3D mapping of mangrove forests based on Shuttle Radar Topography Mission elevation data, ICESat/GLAS waveforms and field data: Application to Ciénaga Grande de Santa Marta, Colombia. <i>Remote Sensing of Environment</i> , 2008, 112, 2131-2144.	4.6	139
42	Mangrove production and carbon sinks: A revision of global budget estimates. <i>Global Biogeochemical Cycles</i> , 2008, 22, .	1.9	812
43	Mapping Height and Biomass of Mangrove Forests in Everglades National Park with SRTM Elevation Data. <i>Photogrammetric Engineering and Remote Sensing</i> , 2006, 72, 299-311.	0.3	240
44	Mangrove zonation in the dry life zone of the Gulf of Fonseca, Honduras. <i>Estuaries and Coasts</i> , 2006, 29, 751-764.	1.0	46
45	Using Shuttle Radar Topography Mission Elevation Data to Map Mangrove Forest Height in the Caribbean. , 2006, , .		1
46	Current Methods to Evaluate Net Primary Production and Carbon Budgets in Mangrove Forests. <i>Soil Science Society of America Book Series</i> , 0, , 243-288.	0.3	13