

Edward Castaeda-Moya

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

2,333
citations

20
h-index

48
g-index

48
ext. papers

2,860
ext. citations

5.7
avg, IF

4.73
L-index

#	Paper	IF	Citations
45	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	10.2	1
44	Time lags: insights from the U.S. Long Term Ecological Research Network. <i>Ecosphere</i> , 2021 , 12, e03431	3.1	2
43	Storm surge and ponding explain mangrove dieback in southwest Florida following Hurricane Irma. <i>Nature Communications</i> , 2021 , 12, 4003	17.4	10
42	Tropical cyclones cumulatively control regional carbon fluxes in Everglades mangrove wetlands (Florida, USA). <i>Scientific Reports</i> , 2021 , 11, 13927	4.9	1
41	Macroecological patterns of forest structure and allometric scaling in mangrove forests. <i>Global Ecology and Biogeography</i> , 2021 , 30, 1000-1013	6.1	9
40	Biogeochemical and Hydrological Variables Synergistically Influence Nitrate Variability in Coastal Deltaic Wetlands. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021 , 126, e2020JG005737	3.7	2
39	Evaluating a Steady-State Model of Soil Accretion in Everglades Mangroves (Florida, USA). <i>Estuaries and Coasts</i> , 2021 , 44, 1469-1476	2.8	1
38	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	11.5	27
37	Disturbance legacies increase and synchronize nutrient concentrations and bacterial productivity in coastal ecosystems. <i>Ecology</i> , 2020 , 101, e02988	4.6	8
36	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	3	7
35	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	2.9	6
34	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	2.9	21
33	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	7.3	14
32	Inter-annual hydroclimatic variability in coastal Tanzania. <i>International Journal of Climatology</i> , 2019 , 39, 4736-4750	3.5	8
31	Why Do We Need to Document and Conserve Foundation Species in Freshwater Wetlands?. <i>Water (Switzerland)</i> , 2019 , 11, 265	3	9
30	Long-term demography and stem productivity of Everglades mangrove forests (Florida, USA): Resistance to hurricane disturbance. <i>Forest Ecology and Management</i> , 2019 , 440, 79-91	3.9	17
29	Collaborative Research Across Boundaries: Mangrove Ecosystem Services and Poverty Traps as a Coupled Natural-Human System 2019 , 115-152		1

28	Spatial variability of mangrove primary productivity in the neotropics. <i>Ecosphere</i> , 2019 , 10, e02841	3.1	13
27	Integrating Imaging Spectrometer and Synthetic Aperture Radar Data for Estimating Wetland Vegetation Aboveground Biomass in Coastal Louisiana. <i>Remote Sensing</i> , 2019 , 11, 2533	5	13
26	Mangrove canopy height globally related to precipitation, temperature and cyclone frequency. <i>Nature Geoscience</i> , 2019 , 12, 40-45	18.3	159
25	Mangrove Biogeochemistry at Local to Global Scales Using Ecogeomorphic Approaches 2019 , 717-785		8
24	Channel-Island Connectivity Affects Water Exposure Time Distributions in a Coastal River Delta. <i>Water Resources Research</i> , 2018 , 54, 2212-2232	5.4	28
23	BioTIME: A database of biodiversity time series for the Anthropocene. <i>Global Ecology and Biogeography</i> , 2018 , 27, 760-786	6.1	153
22	Episodic disturbances drive nutrient dynamics along freshwater-to-estuary gradients in a subtropical wetland. <i>Ecosphere</i> , 2018 , 9, e02296	3.1	8
21	Global controls on carbon storage in mangrove soils. <i>Nature Climate Change</i> , 2018 , 8, 534-538	21.4	132
20	Assessment of Everglades mangrove forest resilience: Implications for above-ground net primary productivity and carbon dynamics. <i>Forest Ecology and Management</i> , 2017 , 404, 115-125	3.9	38
19	Partitioning the relative contributions of organic matter and mineral sediment to accretion rates in carbonate platform mangrove soils. <i>Marine Geology</i> , 2017 , 390, 170-180	3.3	33
18	Productivity and Carbon Dynamics in Mangrove Wetlands 2017 , 113-162		15
17	Scaling mangrove aboveground biomass from site-level to continental-scale. <i>Global Ecology and Biogeography</i> , 2016 , 25, 286-298	6.1	59
16	The role of economic, policy, and ecological factors in estimating the value of carbon stocks in Everglades mangrove forests, South Florida, USA. <i>Environmental Science and Policy</i> , 2016 , 66, 160-169	6.2	57
15	Current Methods to Evaluate Net Primary Production and Carbon Budgets in Mangrove Forests. <i>Soil Science Society of America Book Series</i> , 2015 , 243-288		11
14	New perspectives on an iconic landscape from comparative international long-term ecological research. <i>Ecosphere</i> , 2015 , 6, art181	3.1	7
13	Allocation of biomass and net primary productivity of mangrove forests along environmental gradients in the Florida Coastal Everglades, USA. <i>Forest Ecology and Management</i> , 2013 , 307, 226-241	3.9	114
12	Patterns of Root Dynamics in Mangrove Forests Along Environmental Gradients in the Florida Coastal Everglades, USA. <i>Ecosystems</i> , 2011 , 14, 1178-1195	3.9	123
11	Salinity and Chlorophyll a as Performance Measures to Rehabilitate a Mangrove-Dominated Deltaic Coastal Region: the Ciénaga Grande de Santa Marta-Bajarales Lagoon Complex, Colombia. <i>Estuaries and Coasts</i> , 2011 , 34, 1-19	2.8	27

10	The Role of the Everglades Mangrove Ecotone Region (EMER) in Regulating Nutrient Cycling and Wetland Productivity in South Florida. <i>Critical Reviews in Environmental Science and Technology</i> , 2011 , 41, 633-669	11.1	55
9	Denitrification in coastal Louisiana: A spatial assessment and research needs. <i>Journal of Sea Research</i> , 2010 , 63, 157-172	1.9	45
8	Sediment and Nutrient Deposition Associated with Hurricane Wilma in Mangroves of the Florida Coastal Everglades. <i>Estuaries and Coasts</i> , 2010 , 33, 45-58	2.8	102
7	Mangrove production and carbon sinks: A revision of global budget estimates. <i>Global Biogeochemical Cycles</i> , 2008 , 22, n/a-n/a	5.9	624
6	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	13.2	113
5	Mangrove zonation in the dry life zone of the Gulf of Fonseca, Honduras. <i>Estuaries and Coasts</i> , 2006 , 29, 751-764	2.8	41
4	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	1.6	199
3	Using Shuttle Radar Topography Mission Elevation Data to Map Mangrove Forest Height in the Caribbean 2006 ,		1
2	Storm surge, not wind, caused mangrove dieback in southwest Florida following Hurricane Irma		6
1	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> , 7,	4.5	4