Fernanda Adame

List of Publications by Citations

68 papers	1,871 citations	27 h-index	42 g-index
75 ext. papers	2,462 ext. citations	5 avg, IF	5.23 L-index

#	Paper	IF	Citations
68	Carbon stocks of tropical coastal wetlands within the karstic landscape of the Mexican Caribbean. *PLoS ONE*, **2013**, 8, e56569	3.7	171
67	A global map of mangrove forest soil carbon at 30 m spatial resolution. *Environmental Research Letters*, **2018**, 13, 055002	6.2	139
66	Sedimentation within and among mangrove forests along a gradient of geomorphological settings. *Estuarine, Coastal and Shelf Science*, **2010**, 86, 21-30	2.9	125
65	Carbon and nutrient exchange of mangrove forests with the coastal ocean. *Hydrobiologia*, **2011**, 663, 23-50	2.4	114
64	Contemporary Rates of Carbon Sequestration Through Vertical Accretion of Sediments in Mangrove Forests and Saltmarshes of South East Queensland, Australia. *Estuaries and Coasts*, **2014**, 37, 763-771	2.8	88
63	Carbon stocks and soil sequestration rates of tropical riverine wetlands. *Biogeosciences*, **2015**, 12, 3805-3818	3.8	74
62	Global trends in mangrove forest fragmentation. *Scientific Reports*, **2020**, 10, 7117	4.9	67
61	Selecting cost-effective areas for restoration of ecosystem services. *Conservation Biology*, **2015**, 29, 493-502	5	64
60	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. *Ecological Monographs*, **2020**, 90, e01405	9	63
59	Sea level and turbidity controls on mangrove soil surface elevation change. *Estuarine, Coastal and Shelf Science*, **2015**, 153, 1-9	2.9	50
58	Mangrove root biomass and the uncertainty of belowground carbon estimations. *Forest Ecology and Management*, **2017**, 403, 52-60	3.9	50
57	Intense storms and the delivery of materials that relieve nutrient limitations in mangroves of an arid zone estuary. *Functional Plant Biology*, **2011**, 38, 514-522	2.7	47
56	Root Biomass and Production of Mangroves Surrounding a Karstic Oligotrophic Coastal Lagoon. *Wetlands*, **2014**, 34, 479-488	1.7	44
55	Terrestrial–marine connectivity: Patterns of terrestrial soil carbon deposition in coastal sediments determined by analysis of glomalin related soil protein. *Limnology and Oceanography*, **2012**, 57, 1492-1502	4.8	44
54	Glomalin accumulated in seagrass sediments reveals past alterations in soil quality due to land-use change. *Global and Planetary Change*, **2015**, 133, 87-95	4.2	41
53	Loss and recovery of carbon and nitrogen after mangrove clearing. *Ocean and Coastal Management*, **2018**, 161, 117-126	3.9	38
52	The assessment of fishery status depends on fish habitats. *Fish and Fisheries*, **2019**, 20, 1-14	6	37

51	Effect of geomorphological setting and rainfall on nutrient exchange in mangroves during tidal inundation. *Marine and Freshwater Research*, **2010**, 61, 1197	2.2	36
50	The effects of CO2 and nutrient fertilisation on the growth and temperature response of the mangrove Avicennia germinans. *Photosynthesis Research*, **2016**, 129, 159-70	3.7	35
49	The effect of atmospheric carbon dioxide concentrations on the performance of the mangrove Avicennia germinans over a range of salinities. *Physiologia Plantarum*, **2015**, 154, 358-68	4.6	34
48	Using eDNA to determine the source of organic carbon in seagrass meadows. *Limnology and Oceanography*, **2017**, 62, 1254-1265	4.8	33
47	Influence of aquatic plant architecture on epiphyte biomass on a tropical river floodplain. *Aquatic Botany*, **2016**, 129, 35-43	1.8	32
46	Source and stability of soil carbon in mangrove and freshwater wetlands of the Mexican Pacific coast. *Wetlands Ecology and Management*, **2016**, 24, 129-137	2.1	32
45	Carbon sequestration potential for mitigating the carbon footprint of green stormwater infrastructure. *Renewable and Sustainable Energy Reviews*, **2018**, 94, 1179-1191	16.2	30
44	The undervalued contribution of mangrove protection in Mexico to carbon emission targets. *Conservation Letters*, **2018**, 11, e12445	6.9	29
43	Nutrient subsidies delivered by seabirds to mangrove islands. *Marine Ecology - Progress Series*, **2015** , 525, 15-24	2.6	29
42	Future carbon emissions from global mangrove forest loss. *Global Change Biology*, **2021**, 27, 2856-2866	11.4	27
41	Drivers of Mangrove Litterfall within a Karstic Region Affected by Frequent Hurricanes. *Biotropica*, **2013**, 45, 147-154	2.3	22
40	Elemental composition and productivity of cyanobacterial mats in an arid zone estuary in north Western Australia. *Wetlands Ecology and Management*, **2010**, 18, 37-47	2.1	22
39	Tropical Coastal Wetlands Ameliorate Nitrogen Export During Floods. *Frontiers in Marine Science*, **2019**, 6,	4.5	21
38	Carbon sequestration and fluxes of restored mangroves in abandoned aquaculture ponds. *Journal of the Indian Ocean Region*, **2019**, 15, 177-192	1	18
37	Managing threats and restoring wetlands within catchments of the Great Barrier Reef, Australia. *Aquatic Conservation: Marine and Freshwater Ecosystems*, **2019**, 29, 829-839	2.6	18
36	A six thousand-year record of climate and land-use change from Mediterranean seagrass mats. *Journal of Ecology*, **2017**, 105, 1267-1278	6	15
35	Mangroves in arid regions: Ecology, threats, and opportunities. *Estuarine, Coastal and Shelf Science*, **2021**, 248, 106796	2.9	15
34	The contribution of epiphyton to the primary production of tropical floodplain wetlands. *Biotropica* , **2017**, 49, 461-471	2.3	12

33	Multi-scale estimation of the effects of pressures and drivers on mangrove forest loss globally. *Biological Conservation*, **2020**, 247, 108637	6.2	11
32	Carbon stocks and sequestration of stormwater bioretention/biofiltration basins. *Ecological Engineering*, **2019**, 138, 227-236	3.9	10
31	Sensitivity of dissolved organic carbon exchange and sediment bacteria to water quality in mangrove forests. *Hydrobiologia*, **2012**, 691, 239-253	2.4	10
30	Storage of organic carbon in the soils of Mexican temperate forests. *Forest Ecology and Management*, **2019**, 446, 115-125	3.9	9
29	Mangrove Blue Carbon in the Face of Deforestation, Climate Change, and Restoration427-456		9
28	Nutrient exchange of extensive cyanobacterial mats in an arid subtropical wetland. *Marine and Freshwater Research*, **2012**, 63, 457	2.2	8
27	Indicators of Coastal Wetlands Restoration Success: A Systematic Review. *Frontiers in Marine Science*, **2020**, 7,	4.5	8
26	Estuarine crocodiles in a tropical coastal floodplain obtain nutrition from terrestrial prey. *PLoS ONE* , **2018**, 13, e0197159	3.7	7
25	Size-fractionated phytoplankton biomass and its implications for the dynamics of an oligotrophic tropical lake. *Freshwater Biology*, **2007**, 53, 070907134012001-???	3.1	7
24	Water isotope characteristics of a flood: Brisbane River, Australia. *Hydrological Processes*, **2016**, 30, 2033-2041	3.9	7
23	Quantifying learning in biotracer studies. *Oecologia*, **2018**, 187, 597-608	2.9	6
22	Potential Pollution Sources from Agricultural Activities on Tropical Forested Floodplain Wetlands Revealed by Soil eDNA. *Forests*, **2020**, 11, 892	2.8	5
21	Mangrove sinkholes () of the Yucatan Peninsula, a global hotspot of carbon sequestration. *Biology Letters*, **2021**, 17, 20210037	3.6	5
20	Soil nitrogen accumulation, denitrification potential, and carbon source tracing in bioretention basins. *Water Research*, **2021**, 188, 116511	12.5	5
19	Opportunities for improving recognition of coastal wetlands in global ecosystem assessment frameworks. *Ecological Indicators*, **2021**, 126, 107694	5.8	5
18	Modeled approaches to estimating blue carbon accumulation with mangrove restoration to support a blue carbon accounting method for Australia. *Limnology and Oceanography*,	4.8	4
17	Relationships between algal primary productivity and environmental variables in tropical floodplain wetlands. *Inland Waters*, **2021**, 11, 180-190	2.4	4
16	Greenhouse gas emissions from stormwater bioretention basins. *Ecological Engineering*, **2021**, 159, 106120	3.9	4

15	Future carbon emissions from global mangrove forest loss		3
14	Soil greenhouse gas fluxes from tropical coastal wetlands and alternative agricultural land uses. *Biogeosciences*, **2021**, 18, 5085-5096	4.6	3
13	Current and future carbon stocks in coastal wetlands within the Great Barrier Reef catchments. *Global Change Biology*, **2021**, 27, 3257-3271	11.4	2
12	Drivers of bacterial diversity along a natural transect from freshwater to saline subtropical wetlands. *Science of the Total Environment*, **2021**, 759, 143455	10.2	2
11	Coastal wetland management in the Great Barrier Reef: Farmer perceptions. *Geographical Research*,	1.6	2
10	Resource stoichiometry, vegetation type and enzymatic activity control wetlands soil organic carbon in the Herbert River catchment, North-east Queensland. *Journal of Environmental Management*, **2021**, 296, 113183	7.9	2
9	Nitrogen processing by treatment wetlands in a tropical catchment dominated by agricultural landuse. *Marine Pollution Bulletin*, **2021**, 172, 112800	6.7	2
8	Ambitious global targets for mangrove and seagrass recovery.. *Current Biology*, **2022**,	6.3	2
7	Carbon Storage in the Coastal Swamp Oak Forest Wetlands of Australia. *Geophysical Monograph Series*, **2021**, 339-353	1.1	1
6	Stable Isotopes Clearly Track Mangrove Inputs and Food Web Changes Along a Reforestation Gradient. *Ecosystems*, **2020**, 24, 939	3.9	1
5	Denitrification within the sediments and epiphyton of tropical macrophyte stands. *Inland Waters*,1-10	2.4	1
4	A conceptual model of nitrogen dynamics for the Great Barrier Reef catchments. *Marine Pollution Bulletin*, **2021**, 173, 112909	6.7	1
3	Climate change mitigation and improvement of water quality from the restoration of a subtropical coastal wetland.. *Ecological Applications*, **2022**, e2620	4.9	1
2	Cost-Effectiveness of Treatment Wetlands for Nitrogen Removal in Tropical and Subtropical Australia. *Water (Switzerland)*, **2021**, 13, 3309	3	0
1	Changes in Mangrove Carbon Stocks and Exposure to Sea Level Rise (SLR) under Future Climate Scenarios. *Sustainability*, **2022**, 14, 3873	3.6	0