

Fernanda Adame

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.

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	Changes in Mangrove Carbon Stocks and Exposure to Sea Level Rise (SLR) under Future Climate Scenarios. <i>Sustainability</i> , 2022 , 14, 3873	3.6	0
67	Climate change mitigation and improvement of water quality from the restoration of a subtropical coastal wetland.. <i>Ecological Applications</i> , 2022 , e2620	4.9	1
66	Ambitious global targets for mangrove and seagrass recovery.. <i>Current Biology</i> , 2022 ,	6.3	2
65	Carbon Storage in the Coastal Swamp Oak Forest Wetlands of Australia. <i>Geophysical Monograph Series</i> , 2021 , 339-353	1.1	1
64	Cost-Effectiveness of Treatment Wetlands for Nitrogen Removal in Tropical and Subtropical Australia. <i>Water (Switzerland)</i> , 2021 , 13, 3309	3	0
63	Relationships between algal primary productivity and environmental variables in tropical floodplain wetlands. <i>Inland Waters</i> , 2021 , 11, 180-190	2.4	4
62	Future carbon emissions from global mangrove forest loss. <i>Global Change Biology</i> , 2021 , 27, 2856-2866	11.4	27
61	Mangrove sinkholes () of the Yucatan Peninsula, a global hotspot of carbon sequestration. <i>Biology Letters</i> , 2021 , 17, 20210037	3.6	5
60	Current and future carbon stocks in coastal wetlands within the Great Barrier Reef catchments. <i>Global Change Biology</i> , 2021 , 27, 3257-3271	11.4	2
59	Mangroves in arid regions: Ecology, threats, and opportunities. <i>Estuarine, Coastal and Shelf Science</i> , 2021 , 248, 106796	2.9	15
58	Soil nitrogen accumulation, denitrification potential, and carbon source tracing in bioretention basins. <i>Water Research</i> , 2021 , 188, 116511	12.5	5
57	Drivers of bacterial diversity along a natural transect from freshwater to saline subtropical wetlands. <i>Science of the Total Environment</i> , 2021 , 759, 143455	10.2	2
56	Greenhouse gas emissions from stormwater bioretention basins. <i>Ecological Engineering</i> , 2021 , 159, 106139	3.9	4
55	Opportunities for improving recognition of coastal wetlands in global ecosystem assessment frameworks. <i>Ecological Indicators</i> , 2021 , 126, 107694	5.8	5
54	Soil greenhouse gas fluxes from tropical coastal wetlands and alternative agricultural land uses. <i>Biogeosciences</i> , 2021 , 18, 5085-5096	4.6	3
53	Resource stoichiometry, vegetation type and enzymatic activity control wetlands soil organic carbon in the Herbert River catchment, North-east Queensland. <i>Journal of Environmental Management</i> , 2021 , 296, 113183	7.9	2
52	Nitrogen processing by treatment wetlands in a tropical catchment dominated by agricultural landuse. <i>Marine Pollution Bulletin</i> , 2021 , 172, 112800	6.7	2

51	A conceptual model of nitrogen dynamics for the Great Barrier Reef catchments. <i>Marine Pollution Bulletin</i> , 2021 , 173, 112909	6.7	1
50	Multi-scale estimation of the effects of pressures and drivers on mangrove forest loss globally. <i>Biological Conservation</i> , 2020 , 247, 108637	6.2	11
49	Total ecosystem carbon stocks of mangroves across broad global environmental and physical gradients. <i>Ecological Monographs</i> , 2020 , 90, e01405	9	63
48	Global trends in mangrove forest fragmentation. <i>Scientific Reports</i> , 2020 , 10, 7117	4.9	67
47	Indicators of Coastal Wetlands Restoration Success: A Systematic Review. <i>Frontiers in Marine Science</i> , 2020 , 7,	4.5	8
46	Stable Isotopes Clearly Track Mangrove Inputs and Food Web Changes Along a Reforestation Gradient. <i>Ecosystems</i> , 2020 , 24, 939	3.9	1
45	Potential Pollution Sources from Agricultural Activities on Tropical Forested Floodplain Wetlands Revealed by Soil eDNA. <i>Forests</i> , 2020 , 11, 892	2.8	5
44	Storage of organic carbon in the soils of Mexican temperate forests. <i>Forest Ecology and Management</i> , 2019 , 446, 115-125	3.9	9
43	Carbon sequestration and fluxes of restored mangroves in abandoned aquaculture ponds. <i>Journal of the Indian Ocean Region</i> , 2019 , 15, 177-192	1	18
42	Managing threats and restoring wetlands within catchments of the Great Barrier Reef, Australia. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2019 , 29, 829-839	2.6	18
41	Carbon stocks and sequestration of stormwater bioretention/biofiltration basins. <i>Ecological Engineering</i> , 2019 , 138, 227-236	3.9	10
40	Tropical Coastal Wetlands Ameliorate Nitrogen Export During Floods. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	21
39	The assessment of fishery status depends on fish habitats. <i>Fish and Fisheries</i> , 2019 , 20, 1-14	6	37
38	A global map of mangrove forest soil carbon at 30 m spatial resolution. <i>Environmental Research Letters</i> , 2018 , 13, 055002	6.2	139
37	Quantifying learning in biotracer studies. <i>Oecologia</i> , 2018 , 187, 597-608	2.9	6
36	The undervalued contribution of mangrove protection in Mexico to carbon emission targets. <i>Conservation Letters</i> , 2018 , 11, e12445	6.9	29
35	Loss and recovery of carbon and nitrogen after mangrove clearing. <i>Ocean and Coastal Management</i> , 2018 , 161, 117-126	3.9	38
34	Carbon sequestration potential for mitigating the carbon footprint of green stormwater infrastructure. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 94, 1179-1191	16.2	30

33	Estuarine crocodiles in a tropical coastal floodplain obtain nutrition from terrestrial prey. <i>PLoS ONE</i> , 2018 , 13, e0197159	3.7	7
32	A six thousand-year record of climate and land-use change from Mediterranean seagrass mats. <i>Journal of Ecology</i> , 2017 , 105, 1267-1278	6	15
31	The contribution of epiphyton to the primary production of tropical floodplain wetlands. <i>Biotropica</i> , 2017 , 49, 461-471	2.3	12
30	Using eDNA to determine the source of organic carbon in seagrass meadows. <i>Limnology and Oceanography</i> , 2017 , 62, 1254-1265	4.8	33
29	Mangrove root biomass and the uncertainty of belowground carbon estimations. <i>Forest Ecology and Management</i> , 2017 , 403, 52-60	3.9	50
28	The effects of CO ₂ and nutrient fertilisation on the growth and temperature response of the mangrove <i>Avicennia germinans</i> . <i>Photosynthesis Research</i> , 2016 , 129, 159-70	3.7	35
27	Influence of aquatic plant architecture on epiphyte biomass on a tropical river floodplain. <i>Aquatic Botany</i> , 2016 , 129, 35-43	1.8	32
26	Source and stability of soil carbon in mangrove and freshwater wetlands of the Mexican Pacific coast. <i>Wetlands Ecology and Management</i> , 2016 , 24, 129-137	2.1	32
25	Water isotope characteristics of a flood: Brisbane River, Australia. <i>Hydrological Processes</i> , 2016 , 30, 2033-2041	3.9	7
24	Glomalin accumulated in seagrass sediments reveals past alterations in soil quality due to land-use change. <i>Global and Planetary Change</i> , 2015 , 133, 87-95	4.2	41
23	Sea level and turbidity controls on mangrove soil surface elevation change. <i>Estuarine, Coastal and Shelf Science</i> , 2015 , 153, 1-9	2.9	50
22	Selecting cost-effective areas for restoration of ecosystem services. <i>Conservation Biology</i> , 2015 , 29, 493-502	6.0	64
21	Carbon stocks and soil sequestration rates of tropical riverine wetlands. <i>Biogeosciences</i> , 2015 , 12, 3805-3818	4.1	74
20	The effect of atmospheric carbon dioxide concentrations on the performance of the mangrove <i>Avicennia germinans</i> over a range of salinities. <i>Physiologia Plantarum</i> , 2015 , 154, 358-68	4.6	34
19	Nutrient subsidies delivered by seabirds to mangrove islands. <i>Marine Ecology - Progress Series</i> , 2015 , 525, 15-24	2.6	29
18	Root Biomass and Production of Mangroves Surrounding a Karstic Oligotrophic Coastal Lagoon. <i>Wetlands</i> , 2014 , 34, 479-488	1.7	44
17	Contemporary Rates of Carbon Sequestration Through Vertical Accretion of Sediments in Mangrove Forests and Saltmarshes of South East Queensland, Australia. <i>Estuaries and Coasts</i> , 2014 , 37, 763-771	2.8	88
16	Drivers of Mangrove Litterfall within a Karstic Region Affected by Frequent Hurricanes. <i>Biotropica</i> , 2013 , 45, 147-154	2.3	22

15	Carbon stocks of tropical coastal wetlands within the karstic landscape of the Mexican Caribbean. <i>PLoS ONE</i> , 2013 , 8, e56569	3.7	171
14	Sensitivity of dissolved organic carbon exchange and sediment bacteria to water quality in mangrove forests. <i>Hydrobiologia</i> , 2012 , 691, 239-253	2.4	10
13	Nutrient exchange of extensive cyanobacterial mats in an arid subtropical wetland. <i>Marine and Freshwater Research</i> , 2012 , 63, 457	2.2	8
12	Terrestrial-marine connectivity: Patterns of terrestrial soil carbon deposition in coastal sediments determined by analysis of glomalin related soil protein. <i>Limnology and Oceanography</i> , 2012 , 57, 1492-1502	4.8	44
11	Intense storms and the delivery of materials that relieve nutrient limitations in mangroves of an arid zone estuary. <i>Functional Plant Biology</i> , 2011 , 38, 514-522	2.7	47
10	Carbon and nutrient exchange of mangrove forests with the coastal ocean. <i>Hydrobiologia</i> , 2011 , 663, 23-50	2.4	114
9	Effect of geomorphological setting and rainfall on nutrient exchange in mangroves during tidal inundation. <i>Marine and Freshwater Research</i> , 2010 , 61, 1197	2.2	36
8	Elemental composition and productivity of cyanobacterial mats in an arid zone estuary in north Western Australia. <i>Wetlands Ecology and Management</i> , 2010 , 18, 37-47	2.1	22
7	Sedimentation within and among mangrove forests along a gradient of geomorphological settings. <i>Estuarine, Coastal and Shelf Science</i> , 2010 , 86, 21-30	2.9	125
6	Size-fractionated phytoplankton biomass and its implications for the dynamics of an oligotrophic tropical lake. <i>Freshwater Biology</i> , 2007 , 53, 070907134012001-???	3.1	7
5	Modeled approaches to estimating blue carbon accumulation with mangrove restoration to support a blue carbon accounting method for Australia. <i>Limnology and Oceanography</i> ,	4.8	4
4	Future carbon emissions from global mangrove forest loss		3
3	Denitrification within the sediments and epiphyton of tropical macrophyte stands. <i>Inland Waters</i> , 1-10	2.4	1
2	Coastal wetland management in the Great Barrier Reef: Farmer perceptions. <i>Geographical Research</i> ,	1.6	2
1	Mangrove Blue Carbon in the Face of Deforestation, Climate Change, and Restoration	427-456	9