

# Meagan Eagle Gonnee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/34613/publications.pdf>

Version: 2024-02-01

32  
papers

2,036  
citations

257450

24  
h-index

395702

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Submarine groundwater discharge: An important source of new inorganic nitrogen to coral reef ecosystems. <i>Limnology and Oceanography</i> , 2006, 51, 343-348.	3.1	204
2	Tracing organic matter sources and carbon burial in mangrove sediments over the past 160 years. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 61, 211-227.	2.1	194
3	New perspectives on radium behavior within a subterranean estuary. <i>Marine Chemistry</i> , 2008, 109, 250-267.	2.3	142
4	Has Submarine Groundwater Discharge Been Overlooked as a Source of Mercury to Coastal Waters?. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3090-3095.	10.0	101
5	Intertidal salt marshes as an important source of inorganic carbon to the coastal ocean. <i>Limnology and Oceanography</i> , 2016, 61, 1916-1931.	3.1	101
6	A comparison between excess barium and barite as indicators of carbon export. <i>Paleoceanography</i> , 2003, 18, n/a-n/a.	3.0	90
7	Radium isotopes as tracers of iron sources fueling a Southern Ocean phytoplankton bloom. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2007, 54, 1989-1998.	1.4	86
8	Phase associations of barium in marine sediments. <i>Marine Chemistry</i> , 2006, 100, 124-135.	2.3	82
9	Dissolved strontium in the subterranean estuary – Implications for the marine strontium isotope budget. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 117, 33-52.	3.9	80
10	Accuracy and Precision of Tidal Wetland Soil Carbon Mapping in the Conterminous United States. <i>Scientific Reports</i> , 2018, 8, 9478.	3.3	80
11	Geochemical Cycling of Arsenic in a Coastal Aquifer. <i>Environmental Science &amp; Technology</i> , 2006, 40, 3273-3278.	10.0	77
12	Trace element geochemistry of groundwater in a karst subterranean estuary (Yucatan Peninsula). <i>Estuarine, Coastal and Shelf Science</i> , 2006, 68, 101-110.	3.9	76
13	Climate-driven sea level anomalies modulate coastal groundwater dynamics and discharge. <i>Geophysical Research Letters</i> , 2013, 40, 2701-2706.	4.0	74
14	Seasonal cycles in radium and barium within a subterranean estuary: Implications for groundwater derived chemical fluxes to surface waters. <i>Geochimica Et Cosmochimica Acta</i> , 2013, 119, 164-177.	3.9	71
15	Characterizing sources of groundwater to a tropical coastal lagoon in a karstic area using radium isotopes and water chemistry. <i>Marine Chemistry</i> , 2008, 109, 377-394.	2.3	67
16	Salt marsh ecosystem restructuring enhances elevation resilience and carbon storage during accelerating relative sea-level rise. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 217, 56-68.	2.1	67
17	Hydrologic Controls on Nutrient Cycling in an Unconfined Coastal Aquifer. <i>Environmental Science &amp; Technology</i> , 2014, 48, 14178-14185.	10.0	54
18	Environmental Controls, Emergent Scaling, and Predictions of Greenhouse Gas (GHG) Fluxes in Coastal Salt Marshes. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 2234-2256.	3.0	47

#	ARTICLE	IF	CITATIONS
19	Late Holocene linkages between decade- to century scale climate variability and productivity at Lake Tanganyika, Africa. <i>Journal of Paleolimnology</i> , 2006, 36, 189-209.	1.6	41
20	Uncertainty in United States coastal wetland greenhouse gas inventorying. <i>Environmental Research Letters</i> , 2018, 13, 115005.	5.2	40
21	Water salinity and inundation control soil carbon decomposition during salt marsh restoration: An incubation experiment. <i>Ecology and Evolution</i> , 2019, 9, 1911-1921.	1.9	33
22	An important biogeochemical link between organic and inorganic carbon cycling: Effects of organic alkalinity on carbonate chemistry in coastal waters influenced by intertidal salt marshes. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 275, 123-139.	3.9	33
23	Pore water exchange-driven inorganic carbon export from intertidal salt marshes. <i>Limnology and Oceanography</i> , 2021, 66, 1774-1792.	3.1	32
24	Relationship between water and aragonite barium concentrations in aquaria reared juvenile corals. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 209, 123-134.	3.9	29
25	Deciphering the dynamics of inorganic carbon export from intertidal salt marshes using high-frequency measurements. <i>Marine Chemistry</i> , 2018, 206, 7-18.	2.3	25
26	GEOTRACES radium isotopes interlaboratory comparison experiment. <i>Limnology and Oceanography: Methods</i> , 2012, 10, 451-463.	2.0	24
27	Twentieth century warming of the tropical Atlantic captured by Sr/Ca paleothermometry. <i>Paleoceanography</i> , 2017, 32, 146-160.	3.0	15
28	Plant biomass and rates of carbon dioxide uptake are enhanced by successful restoration of tidal connectivity in salt marshes. <i>Science of the Total Environment</i> , 2021, 750, 141566.	8.0	15
29	Soil Organic Carbon Development and Turnover in Natural and Disturbed Salt Marsh Environments. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090287.	4.0	12
30	Impoundment increases methane emissions in <i>Phragmites</i> -invaded coastal wetlands. <i>Global Change Biology</i> , 2022, 28, 4539-4557.	9.5	12
31	Revisiting <sup>228</sup> Th as a tool for determining sedimentation and mass accumulation rates. <i>Chemical Geology</i> , 2022, 607, 121006.	3.3	4
32	Recent Nitrogen Storage and Accumulation Rates in Mangrove Soils Exceed Historic Rates in the Urbanized San Juan Bay Estuary (Puerto Rico, United States). <i>Frontiers in Forests and Global Change</i> , 2021, 4, 1-765896.	2.3	0