Meagan Eagle Gonneea

List of Publications by Year
in descending order

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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	Impoundment increases methane emissions in Phragmitesâ€invaded coastal wetlands. Global Change Biology, 2022, 28, 4539-4557.	9.5	12
2	Revisiting 228Th as a tool for determining sedimentation and mass accumulation rates. Chemical Geology, 2022, 607, 121006.	3.3	4
3	Plant biomass and rates of carbon dioxide uptake are enhanced by successful restoration of tidal connectivity in salt marshes. Science of the Total Environment, 2021, 750, 141566.	8.0	15
4	Pore water exchangeâ€driven inorganic carbon export from intertidal salt marshes. Limnology and Oceanography, 2021, 66, 1774-1792.	3.1	32
5	Soil Organic Carbon Development and Turnover in Natural and Disturbed Salt Marsh Environments. Geophysical Research Letters, 2021, 48, e2020GL090287.	4.0	12
6	Recent Nitrogen Storage and Accumulation Rates in Mangrove Soils Exceed Historic Rates in the Urbanized San Juan Bay Estuary (Puerto Rico, United States). Frontiers in Forests and Global Change, 2021, 4, 1-765896.	2.3	0
7	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. Geochimica Et Cosmochimica Acta, 2020, 275, 123-139.	3.9	33
8	Water salinity and inundation control soil carbon decomposition during salt marsh restoration: An incubation experiment. Ecology and Evolution, 2019, 9, 1911-1921.	1.9	33
9	Salt marsh ecosystem restructuring enhances elevation resilience and carbon storage during accelerating relative sea-level rise. Estuarine, Coastal and Shelf Science, 2019, 217, 56-68.	2.1	67
10	Uncertainty in United States coastal wetland greenhouse gas inventorying. Environmental Research Letters, 2018, 13, 115005.	5.2	40
11	Deciphering the dynamics of inorganic carbon export from intertidal salt marshes using high-frequency measurements. Marine Chemistry, 2018, 206, 7-18.	2.3	25
12	Environmental Controls, Emergent Scaling, and Predictions of Greenhouse Gas (GHG) Fluxes in Coastal Salt Marshes. Journal of Geophysical Research G: Biogeosciences, 2018, 123, 2234-2256.	3.0	47
13	Accuracy and Precision of Tidal Wetland Soil Carbon Mapping in the Conterminous United States. Scientific Reports, 2018, 8, 9478.	3.3	80
14	Twentieth century warming of the tropical Atlantic captured by Srâ€U paleothermometry. Paleoceanography, 2017, 32, 146-160.	3.0	15
15	Relationship between water and aragonite barium concentrations in aquaria reared juvenile corals. Geochimica Et Cosmochimica Acta, 2017, 209, 123-134.	3.9	29
16	Intertidal salt marshes as an important source of inorganic carbon to the coastal ocean. Limnology and Oceanography, 2016, 61, 1916-1931.	3.1	101
17	Hydrologic Controls on Nutrient Cycling in an Unconfined Coastal Aquifer. Environmental Science & Technology, 2014, 48, 14178-14185.	10.0	54
18	Trace element geochemistry of groundwater in a karst subterranean estuary (Yucatan Peninsula,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	3.9	76

#	Article	IF	Citations
19	Dissolved strontium in the subterranean estuary â€“ Implications for the marine strontium isotope budget. Geochimica Et Cosmochimica Acta, 2013, 117, 33-52.	3.9	80
20	Seasonal cycles in radium and barium within a subterranean estuary: Implications for groundwater derived chemical fluxes to surface waters. Geochimica Et Cosmochimica Acta, 2013, 119, 164-177.	3.9	71
21	Climateâ€driven sea level anomalies modulate coastal groundwater dynamics and discharge. Geophysical Research Letters, 2013, 40, 2701-2706.	4.0	74
22	GEOTRACES radium isotopes interlaboratory comparison experiment. Limnology and Oceanography: Methods, 2012, 10, 451-463.	2.0	24
23	Characterizing sources of groundwater to a tropical coastal lagoon in a karstic area using radium isotopes and water chemistry. Marine Chemistry, 2008, 109, 377-394.	2.3	67
24	New perspectives on radium behavior within a subterranean estuary. Marine Chemistry, 2008, 109, 250-267.	2.3	142
25	Radium isotopes as tracers of iron sources fueling a Southern Ocean phytoplankton bloom. Deep-Sea Research Part II: Topical Studies in Oceanography, 2007, 54, 1989-1998.	1.4	86
26	Has Submarine Groundwater Discharge Been Overlooked as a Source of Mercury to Coastal Waters?. Environmental Science & Technology, 2007, 41, 3090-3095.	10.0	101
27	Geochemical Cycling of Arsenic in a Coastal Aquifer. Environmental Science & Technology, 2006, 40, 3273-3278.	10.0	77
28	Phase associations of barium in marine sediments. Marine Chemistry, 2006, 100, 124-135.	2.3	82
29	Late Holocene linkages between decadeâ€“century scale climate variability and productivity at Lake Tanganyika, Africa. Journal of Paleolimnology, 2006, 36, 189-209.	1.6	41
30	Submarine groundwater discharge: An important source of new inorganic nitrogen to coral reef ecosystems. Limnology and Oceanography, 2006, 51, 343-348.	3.1	204
31	Tracing organic matter sources and carbon burial in mangrove sediments over the past 160 years. Estuarine, Coastal and Shelf Science, 2004, 61, 211-227.	2.1	194
32	A comparison between excess barium and barite as indicators of carbon export. Paleoceanography, 2003, 18, n/a-n/a.	3.0	90