

Damien Maher

List of Publications by Year in descending order

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Version: 2024-02-01

151
papers

6,247
citations

61687

45
h-index

100535

70
g-index

171
all docs

171
docs citations

171
times ranked

4948
citing authors

#	ARTICLE	IF	CITATIONS
1	An Australian blue carbon method to estimate climate change mitigation benefits of coastal wetland restoration. <i>Restoration Ecology</i> , 2023, 31, .	1.4	25
2	Net Drawdown of Greenhouse Gases (CO ₂ , CH ₄ and N ₂ O) by a Temperate Australian Seagrass Meadow. <i>Estuaries and Coasts</i> , 2022, 45, 2026-2039.	1.0	12
3	In-situ measurement on air-water flux of CH ₄ , CO ₂ and their carbon stable isotope in lakes of northeast Tibetan Plateau. <i>Advances in Climate Change Research</i> , 2022, 13, 279-289.	2.1	14
4	Climate change mitigation and improvement of water quality from the restoration of a subtropical coastal wetland. <i>Ecological Applications</i> , 2022, 32, e2620.	1.8	13
5	The tidal freshwater river zone: Physical properties and biogeochemical contribution to estuarine hypoxia and acidification - The "hydrologic switch". <i>Estuarine, Coastal and Shelf Science</i> , 2022, 268, 107786.	0.9	3
6	The Role of Hydraulic Failure in a Massive Mangrove Die-Off Event. <i>Frontiers in Plant Science</i> , 2022, 13, 822136.	1.7	3
7	Drought, megafires and flood - climate extreme impacts on catchment-scale river water quality on Australia's east coast. <i>Water Research</i> , 2022, 218, 118510.	5.3	10
8	Operationalizing marketable blue carbon. <i>One Earth</i> , 2022, 5, 485-492.	3.6	34
9	Rainfall drives rapid shifts in carbon and nutrient source-sink dynamics of an urbanised, mangrove-fringed estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 249, 107064.	0.9	19
10	The legacy and drivers of groundwater nutrients and pesticides in an agriculturally impacted Quaternary aquifer system. <i>Science of the Total Environment</i> , 2021, 753, 142010.	3.9	5
11	The mangrove CO ₂ pump: Tidally driven pore-water exchange. <i>Limnology and Oceanography</i> , 2021, 66, 1563-1577.	1.6	31
12	Submarine groundwater discharge drives nitrous oxide source/sink dynamics in a metropolitan estuary. <i>Limnology and Oceanography</i> , 2021, 66, 1665-1686.	1.6	9
13	Bark-dwelling methanotrophic bacteria decrease methane emissions from trees. <i>Nature Communications</i> , 2021, 12, 2127.	5.8	51
14	Isotopic evidence for axial tree stem methane oxidation within subtropical lowland forests. <i>New Phytologist</i> , 2021, 230, 2200-2212.	3.5	27
15	Alkalinity Production Coupled to Pyrite Formation Represents an Unaccounted Blue Carbon Sink. <i>Global Biogeochemical Cycles</i> , 2021, 35, e2020GB006785.	1.9	16
16	Hypersaline tidal flats as important "blue carbon" systems: a case study from three ecosystems. <i>Biogeosciences</i> , 2021, 18, 2527-2538.	1.3	14
17	Carbon dioxide hydrodynamics along a wetland-lake-stream-waterfall continuum (Blue Mountains,) Tj ETQq1 1 0.784314 rgBJ / Overl	3.9	7
18	Spatial Distribution of CO ₂ , CH ₄ , and N ₂ O in the Great Barrier Reef Revealed Through High Resolution Sampling and Isotopic Analysis. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092534.	1.5	8

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19	Soil greenhouse gas fluxes from tropical coastal wetlands and alternative agricultural land uses. <i>Biogeosciences</i> , 2021, 18, 5085-5096.	1.3	9
20	Hot spot of CH ₄ production and diffusive flux in rivers with high urbanization. <i>Water Research</i> , 2021, 204, 117624.	5.3	33
21	Land-use intensity alters both the source and fate of CO ₂ within eight sub-tropical estuaries. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 268, 107-122.	1.6	10
22	Stable isotopes indicate ecosystem restructuring following climate-driven mangrove dieback. <i>Limnology and Oceanography</i> , 2020, 65, 1251-1263.	1.6	16
23	Net landscape carbon balance of a tropical savanna: Relative importance of fire and aquatic export in offsetting terrestrial production. <i>Global Change Biology</i> , 2020, 26, 5899-5913.	4.2	17
24	New insights into the hydrogeology and groundwater flow in the Great Barrier Reef catchment, Australia, revealed through 3D modelling. <i>Journal of Hydrology: Regional Studies</i> , 2020, 30, 100708.	1.0	6
25	Mangroves as a Source of Greenhouse Gases to the Atmosphere and Alkalinity and Dissolved Carbon to the Coastal Ocean: A Case Study From the Everglades National Park, Florida. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2020, 125, e2020JG005812.	1.3	21
26	Seasonal Variations in Dissolved Carbon Inventory and Fluxes in a Mangrove-Dominated Estuary. <i>Global Biogeochemical Cycles</i> , 2020, 34, e2019GB006515.	1.9	13
27	Tree stem methane emissions from subtropical lowland forest (<i>Melaleuca quinquenervia</i>) regulated by local and seasonal hydrology. <i>Biogeochemistry</i> , 2020, 151, 273-290.	1.7	29
28	Carbon dioxide dynamics in a tropical estuary over seasonal and rain-event time scales. <i>Continental Shelf Research</i> , 2020, 206, 104196.	0.9	4
29	Development of an improved hydrogeological and hydro-geochemical conceptualization of a complex aquifer system in Ethiopia. <i>Hydrogeology Journal</i> , 2020, 28, 2727-2746.	0.9	7
30	Tracer-Aided Modeling in the Low-Relief, Wet-Dry Tropics Suggests Water Ages and DOC Export Are Driven by Seasonal Wetlands and Deep Groundwater. <i>Water Resources Research</i> , 2020, 56, e2019WR026175.	1.7	18
31	A Small Nimble In Situ Fine-Scale Flux Method for Measuring Tree Stem Greenhouse Gas Emissions and Processes (S.N.I.F.F). <i>Ecosystems</i> , 2020, 23, 1676-1689.	1.6	24
32	Coastal carbon cycle changes following mangrove loss. <i>Limnology and Oceanography</i> , 2020, 65, 2642-2656.	1.6	24
33	Land use drives nitrous oxide dynamics in estuaries on regional and global scales. <i>Limnology and Oceanography</i> , 2020, 65, 1903-1920.	1.6	19
34	Varying Biological Activity and Wind Stress Affect the DMS Response during the SAGE Iron Enrichment Experiment. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 268.	1.2	1
35	Changing sediment and surface water processes increase CH ₄ emissions from human-impacted estuaries. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 280, 130-147.	1.6	17
36	Shifts in methanogenic archaea communities and methane dynamics along a subtropical estuarine land use gradient. <i>PLoS ONE</i> , 2020, 15, e0242339.	1.1	11

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37	Reconstructing extreme climatic and geochemical conditions during the largest natural mangrove dieback on record. <i>Biogeosciences</i> , 2020, 17, 4707-4726.	1.3	14
38	Stable isotopes track the ecological and biogeochemical legacy of mass mangrove forest dieback in the Gulf of Carpentaria, Australia. <i>Biogeosciences</i> , 2020, 17, 5599-5613.	1.3	6
39	Title is missing!. , 2020, 15, e0242339.		0
40	Title is missing!. , 2020, 15, e0242339.		0
41	Title is missing!. , 2020, 15, e0242339.		0
42	Title is missing!. , 2020, 15, e0242339.		0
43	The Importance of Aquatic Carbon Fluxes in Net Ecosystem Carbon Budgets: A Catchment-Scale Review. <i>Ecosystems</i> , 2019, 22, 508-527.	1.6	62
44	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. <i>Nature Communications</i> , 2019, 10, 4313.	5.8	150
45	Are methane emissions from mangrove stems a cryptic carbon loss pathway? Insights from a catastrophic forest mortality. <i>New Phytologist</i> , 2019, 224, 146-154.	3.5	66
46	Rhizosphere to the atmosphere: contrasting methane pathways, fluxes, and geochemical drivers across the terrestrial-aquatic wetland boundary. <i>Biogeosciences</i> , 2019, 16, 1799-1815.	1.3	22
47	The role of porewater exchange as a driver of CO ₂ flux to the atmosphere in a temperate estuary (Squamish, Canada). <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
48	iAMES: An inexpensive, automated methane detection sensor. <i>Environmental Science & Technology</i> , 2019, 53, 6420-6426.	4.6	16
49	Role of carbonate burial in Blue Carbon budgets. <i>Nature Communications</i> , 2019, 10, 1106.	5.8	105
50	An integrated approach for aquifer characterization and groundwater productivity evaluation in the Lake Haramaya watershed, Ethiopia. <i>Hydrogeology Journal</i> , 2019, 27, 2121-2136.	0.9	16
51	Carbon outwelling across the shelf following a massive mangrove dieback in Australia: Insights from radium isotopes. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 253, 142-158.	1.6	39
52	Wetland methane emissions dominated by plant-mediated fluxes: Contrasting emissions pathways and seasons within a shallow freshwater subtropical wetland. <i>Limnology and Oceanography</i> , 2019, 64, 1895-1912.	1.6	52
53	Coral Reef Calcification and Production After the 2016 Bleaching Event at Lizard Island, Great Barrier Reef. <i>Journal of Geophysical Research: Oceans</i> , 2019, 124, 4003-4016.	1.0	17
54	Hydrological Versus Biological Drivers of Nutrient and Carbon Dioxide Dynamics in a Coastal Lagoon. <i>Estuaries and Coasts</i> , 2019, 42, 1015-1031.	1.0	22

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55	A Multifaceted Approach for Determining Sediment Provenance to Coastal Shipping Channels. <i>Journal of Marine Science and Engineering</i> , 2019, 7, 434.	1.2	1
56	Winter emissions of CO_2 , CH_4 , and N_2O from temperate agricultural dams: fluxes, sources, and processes. <i>Ecosphere</i> , 2019, 10, e02914.	1.0	18
57	High pore-water derived CO_2 and CH_4 emissions from a macro-tidal mangrove creek in the Amazon region. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 247, 106-120.	1.6	45
58	Punching above their weight: Large release of greenhouse gases from small agricultural dams. <i>Global Change Biology</i> , 2019, 25, 721-732.	4.2	64
59	Dissolved carbon, greenhouse gases, and $\delta^{13}\text{C}$ dynamics in four estuaries across a land use gradient. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	19
60	Carbon outwelling and outgassing vs. burial in an estuarine tidal creek surrounded by mangrove and saltmarsh wetlands. <i>Limnology and Oceanography</i> , 2019, 64, 996-1013.	1.6	113
61	Carbon outwelling and emissions from two contrasting mangrove creeks during the monsoon storm season in Palau, Micronesia. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 340-348.	0.9	31
62	Drivers of CO_2 along a mangrove-seagrass transect in a tropical bay: Delayed groundwater seepage and seagrass uptake. <i>Continental Shelf Research</i> , 2019, 172, 57-67.	0.9	14
63	Groundwater as a source of dissolved organic matter to coastal waters: Insights from radon and CDOM observations in 12 shallow coastal systems. <i>Limnology and Oceanography</i> , 2019, 64, 182-196.	1.6	50
64	Bioturbation-stimulated loss of seagrass sediment carbon stocks. <i>Limnology and Oceanography</i> , 2019, 64, 342-356.	1.6	27
65	Large variability in organic carbon and CaCO_3 burial in seagrass meadows: a case study from three Australian estuaries. <i>Marine Ecology - Progress Series</i> , 2019, 616, 211-218.	0.9	14
66	Determining coral reef calcification and primary production using automated alkalinity, pH and pCO_2 measurements at high temporal resolution. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 209, 80-88.	0.9	17
67	Seasonal Drivers of Carbon Dioxide Dynamics in a Hydrologically Modified Subtropical Tidal River and Estuary (Caboolture River, Australia). <i>Journal of Geophysical Research G: Biogeosciences</i> , 2018, 123, 1827-1849.	1.3	19
68	Greenhouse gases and submarine groundwater discharge in a Sydney Harbour embayment (Australia). <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 499-509.	0.9	24
69	Geomorphic controls on fluvial carbon exports and emissions from upland swamps in eastern Australia. <i>Science of the Total Environment</i> , 2018, 618, 765-776.	3.9	12
70	Seasonal and temporal CO_2 dynamics in three tropical mangrove creeks – A revision of global mangrove CO_2 emissions. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 222, 729-745.	1.6	63
71	Factors controlling seasonal CO_2 and CH_4 emissions in three tropical mangrove-dominated estuaries in Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 215, 69-82.	0.9	41
72	Mangrove mortality in a changing climate: An overview. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 215, 241-249.	0.9	154

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73	Radon-traced porewater as a potential source of CO ₂ and CH ₄ to receding black and clear water environments in the Amazon Basin. <i>Limnology and Oceanography Letters</i> , 2018, 3, 375-383.	1.6	15
74	The spatial and temporal drivers of pCO ₂ , pCH ₄ and gas transfer velocity within a subtropical estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 83-95.	0.9	42
75	Terrestrial versus aquatic carbon fluxes in a subtropical agricultural floodplain over an annual cycle. <i>Agricultural and Forest Meteorology</i> , 2018, 260-261, 262-272.	1.9	12
76	Carbon dioxide dynamics in a lake and a reservoir on a tropical island (Bali, Indonesia). <i>PLoS ONE</i> , 2018, 13, e0198678.	1.1	20
77	A seasonal source and sink of nitrous oxide in mangroves: Insights from concentration, isotope, and isotopomer measurements. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 238, 169-192.	1.6	39
78	Beyond burial: lateral exchange is a significant atmospheric carbon sink in mangrove forests. <i>Biology Letters</i> , 2018, 14, 20180200.	1.0	106
79	Estuaries as Sources and Sinks of N ₂ O Across a Land Use Gradient in Subtropical Australia. <i>Global Biogeochemical Cycles</i> , 2018, 32, 877-894.	1.9	48
80	Methane emissions partially offset blue carbon-burial in mangroves. <i>Science Advances</i> , 2018, 4, eaao4985.	4.7	141
81	Blue carbon oxidation revealed by radiogenic and stable isotopes in a mangrove system. <i>Geophysical Research Letters</i> , 2017, 44, 4889-4896.	1.5	54
82	Spatial and temporal variability of CO ₂ and CH ₄ gas transfer velocities and quantification of the CH ₄ microbubble flux in mangrove dominated estuaries. <i>Limnology and Oceanography</i> , 2017, 62, 561-578.	1.6	67
83	Mapping short-lived radium isotopes in estuarine residential canals (Gold Coast, Australia). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 313, 409-418.	0.7	2
84	Shifting nitrous oxide source/sink behaviour in a subtropical estuary revealed by automated time series observations. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 194, 66-76.	0.9	26
85	Constraining the annual groundwater contribution to the water balance of an agricultural floodplain using radon: The importance of floods. <i>Water Resources Research</i> , 2017, 53, 544-562.	1.7	18
86	Radium-derived porewater exchange and dissolved N and P fluxes in mangroves. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 200, 295-309.	1.6	42
87	The carbon dioxide evasion cycle of an intermittent first-order stream: contrasting water-air and soil-air exchange. <i>Biogeochemistry</i> , 2017, 132, 87-102.	1.7	22
88	Assessing the recharge of a coastal aquifer using physical observations, tritium, groundwater chemistry and modelling. <i>Science of the Total Environment</i> , 2017, 580, 367-379.	3.9	17
89	Uranium export from a sandy beach subterranean estuary in Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 204-212.	0.9	4
90	Mangrove outwelling is a significant source of oceanic exchangeable organic carbon. <i>Limnology and Oceanography Letters</i> , 2017, 2, 1-8.	1.6	40

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91	Greenhouse Gas Dynamics in a Salt-Wedge Estuary Revealed by High Resolution Cavity Ring-Down Spectroscopy Observations. <i>Environmental Science & Technology</i> , 2017, 51, 13771-13778.	4.6	23
92	Addressing calcium carbonate cycling in blue carbon accounting. <i>Limnology and Oceanography Letters</i> , 2017, 2, 195-201.	1.6	100
93	Seasonal exports and drivers of dissolved inorganic and organic carbon, carbon dioxide, methane and $\delta^{13}\text{C}$ signatures in a subtropical river network. <i>Science of the Total Environment</i> , 2017, 575, 545-563.	3.9	37
94	Commentary: Evaluating the Role of Seagrass in Cenozoic CO ₂ Variations. <i>Frontiers in Environmental Science</i> , 2017, 5, .	1.5	2
95	Technical note: Coupling infrared gas analysis and cavity ring down spectroscopy for autonomous, high-temporal-resolution measurements of DIC and $\delta^{13}\text{C}$. <i>Biogeosciences</i> , 2017, 14, 1305-1313.	1.3	8
96	The contribution of denitrification and burial to the nitrogen budgets of three geomorphically distinct Australian estuaries: Importance of seagrass habitats. <i>Limnology and Oceanography</i> , 2016, 61, 1144-1156.	1.6	63
97	Are mangroves drivers or buffers of coastal acidification? Insights from alkalinity and dissolved inorganic carbon export estimates across a latitudinal transect. <i>Global Biogeochemical Cycles</i> , 2016, 30, 753-766.	1.9	147
98	Pristine mangrove creek waters are a sink of nitrous oxide. <i>Scientific Reports</i> , 2016, 6, 25701.	1.6	61
99	Dissolved radon and uranium in groundwater in a potential coal seam gas development region (Richmond River Catchment, Australia). <i>Journal of Environmental Radioactivity</i> , 2016, 154, 83-92.	0.9	32
100	Are global mangrove carbon stocks driven by rainfall?. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 2600-2609.	1.3	150
101	Manganese and iron release from mangrove porewaters: A significant component of oceanic budgets?. <i>Marine Chemistry</i> , 2016, 184, 43-52.	0.9	42
102	Assessing groundwater-surface water connectivity using radon and major ions prior to coal seam gas development (Richmond River Catchment, Australia). <i>Applied Geochemistry</i> , 2016, 73, 35-48.	1.4	9
103	Divergent drivers of carbon dioxide and methane dynamics in an agricultural coastal floodplain: Post-flood hydrological and biological drivers. <i>Chemical Geology</i> , 2016, 440, 313-325.	1.4	23
104	Mangrove pore water exchange across a latitudinal gradient. <i>Geophysical Research Letters</i> , 2016, 43, 3334-3341.	1.5	79
105	Groundwater, Acid and Carbon Dioxide Dynamics Along a Coastal Wetland, Lake and Estuary Continuum. <i>Estuaries and Coasts</i> , 2016, 39, 1325-1344.	1.0	43
106	Stable isotopes reduce parameter uncertainty of an estuarine carbon cycling model. <i>Environmental Modelling and Software</i> , 2016, 79, 233-255.	1.9	15
107	Fresh meteoric versus recirculated saline groundwater nutrient inputs into a subtropical estuary. <i>Science of the Total Environment</i> , 2016, 566-567, 1440-1453.	3.9	49
108	Automated, in situ measurements of dissolved CO ₂ , CH ₄ , and $\delta^{13}\text{C}$ values using cavity enhanced laser absorption spectrometry: Comparing response times of air-water equilibrators. <i>Limnology and Oceanography: Methods</i> , 2016, 14, 323-337.	1.0	57

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109	Examining ²³⁹⁺²⁴⁰ Pu, ²¹⁰ Pb and historical events to determine carbon, nitrogen and phosphorus burial in mangrove sediments of Moreton Bay, Australia. <i>Journal of Environmental Radioactivity</i> , 2016, 151, 623-629.	0.9	65
110	Groundwater Discharge as a Source of Dissolved Carbon and Greenhouse Gases in a Subtropical Estuary. <i>Estuaries and Coasts</i> , 2016, 39, 639-656.	1.0	106
111	Intermittently Closed and Open Lakes and/or Lagoons (ICOLLS) as groundwater-dominated coastal systems: Evidence from seasonal radon observations. <i>Journal of Hydrology</i> , 2016, 535, 612-624.	2.3	42
112	Carbon cycling and exports over diel and flood-recovery timescales in a subtropical rainforest headwater stream. <i>Science of the Total Environment</i> , 2016, 550, 645-657.	3.9	30
113	Groundwater methane in a potential coal seam gas extraction region. <i>Journal of Hydrology: Regional Studies</i> , 2015, 4, 452-471.	1.0	16
114	Applying cavity ring-down spectroscopy for the measurement of dissolved nitrous oxide concentrations and bulk nitrogen isotopic composition in aquatic systems: Correcting for interferences and field application. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 391-401.	1.0	40
115	Groundwater seepage as a driver of CO ₂ evasion in a coastal lake (Lake Ainsworth, NSW, Australia). <i>Environmental Earth Sciences</i> , 2015, 74, 779-792.	1.3	28
116	Spatial and temporal variability of carbon dioxide and methane fluxes over semi-diurnal and spring- ^{neap} -spring timescales in a mangrove creek. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 150, 211-225.	1.6	164
117	Drivers of carbon isotopic fractionation in a coral reef lagoon: Predominance of demand over supply. <i>Geochimica Et Cosmochimica Acta</i> , 2015, 153, 105-115.	1.6	9
118	High CO ₂ evasion during floods in an Australian subtropical estuary downstream from a modified acidic floodplain wetland. <i>Limnology and Oceanography</i> , 2015, 60, 42-56.	1.6	31
119	Porewater exchange as a driver of carbon dynamics across a terrestrial-marine transect: Insights from coupled ²²² Rn and pCO ₂ observations in the German Wadden Sea. <i>Marine Chemistry</i> , 2015, 171, 10-20.	0.9	68
120	Groundwater discharge into an estuary using spatially distributed radon time series and radium isotopes. <i>Journal of Hydrology</i> , 2015, 528, 703-719.	2.3	100
121	Submarine groundwater discharge and associated fluxes of alkalinity and dissolved carbon into Moreton Bay (Australia) estimated via radium isotopes. <i>Marine Chemistry</i> , 2015, 174, 1-12.	0.9	56
122	Nitrous oxide and methane dynamics in a coral reef lagoon driven by pore water exchange: Insights from automated high-frequency observations. <i>Geophysical Research Letters</i> , 2015, 42, 2885-2892.	1.5	38
123	Seasonal and Diurnal Dynamics of Atmospheric Radon, Carbon Dioxide, Methane, ¹³ C-CO ₂ and ¹³ C-CH ₄ in a Proposed Australian Coal Seam Gas Field. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	8
124	Dissolved iron exports from an estuary surrounded by coastal wetlands: Can small estuaries be a significant source of Fe to the ocean?. <i>Marine Chemistry</i> , 2015, 176, 75-82.	0.9	44
125	Methane and carbon dioxide dynamics in a subtropical estuary over a diel cycle: Insights from automated in situ radioactive and stable isotope measurements. <i>Marine Chemistry</i> , 2015, 168, 69-79.	0.9	113
126	Mapping Methane and Carbon Dioxide Concentrations and ¹³ C Values in the Atmosphere of Two Australian Coal Seam Gas Fields. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	1.1	20

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127	Estuarine canal estate waters: Hotspots of CO ₂ outgassing driven by enhanced groundwater discharge?. <i>Marine Chemistry</i> , 2014, 167, 82-92.	0.9	50
128	Carbon dioxide and methane emissions from an artificially drained coastal wetland during a flood: Implications for wetland global warming potential. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 1698-1716.	1.3	72
129	Importance of budgets for estimating the input of groundwater-derived nutrients to an eutrophic tidal river and estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2014, 143, 65-76.	0.9	46
130	Drivers of CO ₂ variability in two contrasting coral reef lagoons: The influence of submarine groundwater discharge. <i>Global Biogeochemical Cycles</i> , 2014, 28, 398-414.	1.9	63
131	Groundwater-surface water exchange in a mangrove tidal creek: Evidence from natural geochemical tracers and implications for nutrient budgets. <i>Marine Chemistry</i> , 2013, 156, 27-37.	0.9	127
132	Carbon dioxide dynamics driven by groundwater discharge in a coastal floodplain creek. <i>Journal of Hydrology</i> , 2013, 493, 30-42.	2.3	102
133	Novel Use of Cavity Ring-down Spectroscopy to Investigate Aquatic Carbon Cycling from Microbial to Ecosystem Scales. <i>Environmental Science & Technology</i> , 2013, 47, 12938-12945.	4.6	70
134	Enrichment of Radon and Carbon Dioxide in the Open Atmosphere of an Australian Coal Seam Gas Field. <i>Environmental Science & Technology</i> , 2013, 47, 3099-3104.	4.6	24
135	Groundwater-derived dissolved inorganic and organic carbon exports from a mangrove tidal creek: The missing mangrove carbon sink?. <i>Limnology and Oceanography</i> , 2013, 58, 475-488.	1.6	280
136	Quantity and quality of organic matter (detritus) drives N ₂ effluxes (net denitrification) across seasons, benthic habitats, and estuaries. <i>Global Biogeochemical Cycles</i> , 2013, 27, 1083-1095.	1.9	82
137	Seasonal, daily and diel N ₂ effluxes in permeable carbonate sediments. <i>Biogeosciences</i> , 2013, 10, 2601-2615.	1.3	43
138	Coupling Automated Radon and Carbon Dioxide Measurements in Coastal Waters. <i>Environmental Science & Technology</i> , 2012, 46, 7685-7691.	4.6	109
139	Carbon budgets for three autotrophic Australian estuaries: Implications for global estimates of the coastal air-water CO ₂ flux. <i>Global Biogeochemical Cycles</i> , 2012, 26, .	1.9	106
140	Diel coral reef acidification driven by porewater advection in permeable carbonate sands, Heron Island, Great Barrier Reef. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	100
141	Insights into estuarine benthic dissolved organic carbon (DOC) dynamics using ¹³ C-DOC values, phospholipid fatty acids and dissolved organic nutrient fluxes. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 1889-1902.	1.6	37
142	Mapping ecosystem processes and function across shallow seascapes. <i>Continental Shelf Research</i> , 2011, 31, S162-S172.	0.9	27
143	Metabolism of different benthic habitats and their contribution to the carbon budget of a shallow oligotrophic sub-tropical coastal system (southern Moreton Bay, Australia). <i>Biogeochemistry</i> , 2011, 102, 87-110.	1.7	65
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#	ARTICLE	IF	CITATIONS
145	Differences in benthic metabolism, nutrient fluxes, and denitrification in <i>Caulerpa taxifolia</i> communities compared to uninvaded bare sediment and seagrass (<i>Zostera capricorni</i>) habitats. <i>Limnology and Oceanography</i> , 2011, 56, 1737-1750.	1.6	33
146	Carbon self-utilization may assist <i>Caulerpa taxifolia</i> invasion. <i>Limnology and Oceanography</i> , 2011, 56, 1824-1831.	1.6	11
147	Benthic carbon metabolism in southeast Australian estuaries: habitat importance, driving forces, and application of artificial neural network models. <i>Marine Ecology - Progress Series</i> , 2011, 439, 97-115.	0.9	28
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