

# Isaac R Santos

## List of Publications by Year in descending order

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Version: 2024-02-01

259  
papers

13,458  
citations

21215

62  
h-index

36203

101  
g-index

266  
all docs

266  
docs citations

266  
times ranked

9628  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrological seasonality and nutrient stoichiometry control dissolved organic matter characterization in a headwater stream. <i>Science of the Total Environment</i> , 2022, 807, 150843.	3.9	12
2	Mangrove microbiome reveals importance of sulfur metabolism in tropical coastal waters. <i>Science of the Total Environment</i> , 2022, 813, 151889.	3.9	12
3	Nitrous oxide hot moments and cold spots in a subtropical estuary: Floods and mangroves. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107656.	0.9	2
4	Groundwater Carbon Exports Exceed Sediment Carbon Burial in a Salt Marsh. <i>Estuaries and Coasts</i> , 2022, 45, 1545-1561.	1.0	7
5	Porewater exchange drives nutrient cycling and export in a mangrove-salt marsh ecotone. <i>Journal of Hydrology</i> , 2022, 606, 127401.	2.3	22
6	Anthropogenic nitrate attenuation versus nitrous oxide release from a woodchip bioreactor. <i>Environmental Pollution</i> , 2022, 300, 118814.	3.7	13
7	Radium-226 in the global ocean as a tracer of thermohaline circulation: Synthesizing half a century of observations. <i>Earth-Science Reviews</i> , 2022, 226, 103956.	4.0	12
8	Surface Water and Groundwater Interactions in Salt Marshes and Their Impact on Plant Ecology and Coastal Biogeochemistry. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	61
9	Unravelling the spatiotemporal variation of pCO <sub>2</sub> in low order streams: Linkages to land use and stream order. <i>Science of the Total Environment</i> , 2022, 820, 153226.	3.9	5
10	Anthropogenic land use substantially increases riverine CO <sub>2</sub> emissions. <i>Journal of Environmental Sciences</i> , 2022, 118, 158-170.	3.2	23
11	Porewater exchange flushes blue carbon from intertidal saltmarsh sediments into the sea. <i>Limnology and Oceanography Letters</i> , 2022, 7, 312-320.	1.6	21
12	Reply to: "Global predictions of coral reef dissolution in the Anthropocene". <i>Communications Earth &amp; Environment</i> , 2022, 3, .	2.6	0
13	Groundwater-derived U and Ba exports from a coastal acid sulfate soil (CASS) catchment following rain events. <i>Estuarine, Coastal and Shelf Science</i> , 2022, , 107838.	0.9	0
14	Nitrate removal and nitrous oxide production from hothouse effluent draining to a pipe bioreactor. <i>Ecological Engineering</i> , 2022, 178, 106561.	1.6	1
15	Increasing carbon, nutrient and trace metal accumulation driven by development in a mangrove estuary in south Asia. <i>Science of the Total Environment</i> , 2022, 832, 154900.	3.9	8
16	A new conceptual framework for the transformation of groundwater dissolved organic matter. <i>Nature Communications</i> , 2022, 13, 2153.	5.8	69
17	Appreciating GBC Reviewers. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	0
18	Closing the Global Marine <sup>226</sup> Ra Budget Reveals the Biological Pump as a Dominant Removal Flux in the Upper Ocean. <i>Geophysical Research Letters</i> , 2022, 49, .	1.5	7

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19	Alkalinity export to the ocean is a major carbon sequestration mechanism in a macrotidal saltmarsh. <i>Limnology and Oceanography</i> , 2022, 67, .	1.6	15
20	Crab bioturbation drives coupled iron-phosphate-sulfide cycling in mangrove and salt marsh soils. <i>Geoderma</i> , 2022, 424, 115990.	2.3	20
21	Production of dissolved carbon and alkalinity during macroalgal wrack degradation on beaches: a mesocosm experiment with implications for blue carbon. <i>Biogeochemistry</i> , 2022, 160, 159-175.	1.7	9
22	Global blue carbon accumulation in tidal wetlands increases with climate change. <i>National Science Review</i> , 2021, 8, nwaa296.	4.6	132
23	Contrasting Radium-Derived Groundwater Exchange and Nutrient Lateral Fluxes in a Natural Mangrove Versus an Artificial Canal. <i>Estuaries and Coasts</i> , 2021, 44, 123-136.	1.0	10
24	Optical properties of dissolved organic matter in a monsoonal headwater stream, China: Insights for structure, source and riverine pCO <sub>2</sub> . <i>Journal of Cleaner Production</i> , 2021, 282, 124545.	4.6	5
25	Land use and episodic rainfall as drivers of nitrogen exports in subtropical rivers: Insights from <sup>15</sup> N-NO <sub>3</sub> <sup>-</sup> , <sup>18</sup> O-NO <sub>3</sub> <sup>-</sup> and 222Rn. <i>Science of the Total Environment</i> , 2021, 758, 143669.	3.9	9
26	White shark behaviour altered by stranded whale carcasses: Insights from drones and implications for beach management. <i>Ocean and Coastal Management</i> , 2021, 200, 105477.	2.0	9
27	Trophic state index linked to partial pressure of aquatic carbon dioxide in a typical karst plateau lake. <i>Ecological Indicators</i> , 2021, 120, 106912.	2.6	15
28	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
29	Large CO <sub>2</sub> release and tidal flushing in salt marsh crab burrows reduce the potential for blue carbon sequestration. <i>Limnology and Oceanography</i> , 2021, 66, 14-29.	1.6	37
30	The mangrove CO <sub>2</sub> pump: Tidally driven porewater exchange. <i>Limnology and Oceanography</i> , 2021, 66, 1563-1577.	1.6	31
31	Editorial: Submarine Groundwater Discharge: Impacts on Coastal Ecosystem by Hidden Water and Dissolved Materials. <i>Frontiers in Environmental Science</i> , 2021, 8, .	1.5	1
32	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
33	Assessing pesticide, trace metal, and arsenic contamination in soils and dam sediments in a rapidly expanding horticultural area in Australia. <i>Environmental Geochemistry and Health</i> , 2021, 43, 3189-3211.	1.8	4
34	Hydrological, geochemical and land use drivers of greenhouse gas dynamics in eleven sub-tropical streams. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	14
35	A place for subterranean estuaries in the coastal zone. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 250, 107167.	0.9	30
36	Submarine groundwater discharge impacts on coastal nutrient biogeochemistry. <i>Nature Reviews Earth &amp; Environment</i> , 2021, 2, 307-323.	12.2	210

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37	Organic carbon accumulation in oligotrophic coastal lakes in southern Brazil during the last century. <i>Journal of Paleolimnology</i> , 2021, 66, 71-82.	0.8	1
38	Hydrological seasonality largely contributes to riverine dissolved organic matter chemical composition: Insights from EEM-PARAFAC and optical indicators. <i>Journal of Hydrology</i> , 2021, 595, 125993.	2.3	32
39	Global carbon dioxide efflux from rivers enhanced by high nocturnal emissions. <i>Nature Geoscience</i> , 2021, 14, 289-294.	5.4	76
40	Hypersaline tidal flats as important "blue carbon" systems: a case study from three ecosystems. <i>Biogeosciences</i> , 2021, 18, 2527-2538.	1.3	14
41	Inorganic carbon and alkalinity biogeochemistry and fluxes in an intertidal beach aquifer: Implications for ocean acidification. <i>Journal of Hydrology</i> , 2021, 595, 126036.	2.3	23
42	Large aquatic nitrous oxide emissions downstream of intensive horticulture driven by rain events. <i>Journal of Hydrology</i> , 2021, 596, 126066.	2.3	8
43	Alkalinity of diverse water samples can be altered by mercury preservation and borosilicate vial storage. <i>Scientific Reports</i> , 2021, 11, 9961.	1.6	14
44	Cryptic night-time trace metal and metalloid contamination in an intensively cultivated coastal catchment. <i>Environmental Pollution</i> , 2021, 276, 116685.	3.7	3
45	Community sentiment on whale carcass beach burial and potential shark attraction. <i>Regional Studies in Marine Science</i> , 2021, 45, 101817.	0.4	0
46	Tropical Beaches Attenuate Groundwater Nitrogen Pollution Flowing to the Ocean. <i>Environmental Science &amp; Technology</i> , 2021, 55, 8432-8438.	4.6	17
47	Global coral reef ecosystems exhibit declining calcification and increasing primary productivity. <i>Communications Earth &amp; Environment</i> , 2021, 2, .	2.6	18
48	Rapid urbanization effects on partial pressure and emission of CO <sub>2</sub> in three rivers with different urban intensities. <i>Ecological Indicators</i> , 2021, 125, 107515.	2.6	24
49	Carbon dioxide hydrodynamics along a wetland-lake-stream-waterfall continuum (Blue Mountains, Tj ETQq1 1 0.784314 rgBJ /Overl 3.9		
50	Natural attenuation of large anthropogenic nitrate loads in a subtropical stream revealed by $\delta^{15}\text{N}$ and $\delta^{18}\text{O}$ . <i>Journal of Hydrology</i> , 2021, 598, 126077.	2.3	3
51	Groundwater discharge rates and uncertainties in a coastal lagoon using a radon mass balance. <i>Journal of Hydrology</i> , 2021, 598, 126436.	2.3	13
52	The renaissance of Odum's outwelling hypothesis in 'Blue Carbon' science. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 255, 107361.	0.9	107
53	Resolving groundwater sources to a coastal lagoon using major ions, nutrients and stable isotopes. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	2
54	Spatial Distribution of CO <sub>2</sub> , CH <sub>4</sub> , and N <sub>2</sub> 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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55	Submarine Groundwater Discharge Releases CO <sub>2</sub> to a Coral Reef. ACS ES&T Water, 2021, 1, 1756-1764.	2.3	9
56	Carbon and alkalinity outwelling across the groundwater-creek-shelf continuum off Amazonian mangroves. Limnology and Oceanography Letters, 2021, 6, 369-378.	1.6	26
57	Changes in sediment, nutrients and major ions in the world largest reservoir: Effects of damming and reservoir operation. Journal of Cleaner Production, 2021, 318, 128601.	4.6	23
58	Hot spot of CH <sub>4</sub> production and diffusive flux in rivers with high urbanization. Water Research, 2021, 204, 117624.	5.3	33
59	Carbon and nutrients as indicators of daily fluctuations of pCO <sub>2</sub> and CO <sub>2</sub> flux in a river draining a rapidly urbanizing area. Ecological Indicators, 2020, 109, 105821.	2.6	45
60	Karstic submarine groundwater discharge into the Mediterranean: Radon-based nutrient fluxes in an anchialine cave and a basin-wide upscaling. Geochimica Et Cosmochimica Acta, 2020, 268, 467-484.	1.6	40
61	Submarine groundwater discharge and associated nutrient and carbon inputs into Sydney Harbour (Australia). Journal of Hydrology, 2020, 580, 124262.	2.3	29
62	Altered groundwater discharge and associated carbon fluxes in a wetland-drained coastal canal. Estuarine, Coastal and Shelf Science, 2020, 235, 106567.	0.9	16
63	Optical properties as tracers of riverine dissolved organic matter biodegradation in a headwater tributary of the Yangtze. Journal of Hydrology, 2020, 582, 124497.	2.3	20
64	Elevated dissolved heavy metal discharge following rainfall downstream of intensive horticulture. Applied Geochemistry, 2020, 113, 104490.	1.4	15
65	Dynamic controls on riverine pCO <sub>2</sub> and CO <sub>2</sub> outgassing in the Dry-hot Valley Region of Southwest China. Aquatic Sciences, 2020, 82, 1.	0.6	10
66	Linking riverine partial pressure of carbon dioxide to dissolved organic matter optical properties in a Dry-hot Valley Region. Science of the Total Environment, 2020, 704, 135353.	3.9	19
67	Submarine groundwater discharge drives coastal water quality and nutrient budgets at small and large scales. Geochimica Et Cosmochimica Acta, 2020, 290, 201-215.	1.6	53
68	Spectroscopic indices trace spatiotemporal variability of dissolved organic matter in a river system with Karst characteristic. Journal of Hydrology, 2020, 590, 125570.	2.3	24
69	Calcification and organic productivity at the world's southernmost coral reef. Marine Chemistry, 2020, 227, 103870.	0.9	7
70	Carbon dioxide dynamics in a tropical estuary over seasonal and rain-event time scales. Continental Shelf Research, 2020, 206, 104196.	0.9	4
71	Submarine groundwater discharge: A previously undocumented source of contaminants of emerging concern to the coastal ocean (Sydney, Australia). Marine Pollution Bulletin, 2020, 160, 111519.	2.3	26
72	Radioactive and stable isotope measurements reveal saline submarine groundwater discharge in a semiarid estuary. Journal of Hydrology, 2020, 590, 125395.	2.3	19

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73	Mapping groundwater discharge to a coastal lagoon using combined spatial airborne thermal imaging, radon ( $^{222}\text{Rn}$ ) and multiple physicochemical variables. <i>Hydrological Processes</i> , 2020, 34, 4592-4608.	1.1	6
74	Modeling Catchment-Scale Nitrogen Losses Across a Land-Use Gradient in the Subtropics. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	8
75	Changes in global groundwater organic carbon driven by climate change and urbanization. <i>Nature Communications</i> , 2020, 11, 1279.	5.8	128
76	Coastal carbon cycle changes following mangrove loss. <i>Limnology and Oceanography</i> , 2020, 65, 2642-2656.	1.6	24
77	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
78	Reconstructing extreme climatic and geochemical conditions during the largest natural mangrove dieback on record. <i>Biogeosciences</i> , 2020, 17, 4707-4726.	1.3	14
79	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
80	Large spatiotemporal shifts of CO <sub>2</sub> partial pressure and CO <sub>2</sub> degassing in a monsoonal headwater stream. <i>Journal of Hydrology</i> , 2019, 579, 124135.	2.3	24
81	Non-conservative Behavior of Dissolved Organic Matter and Trace Metals (Mn, Fe, Ba) Driven by Porewater Exchange in a Subtropical Mangrove-Estuary. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	22
82	Australian vegetated coastal ecosystems as global hotspots for climate change mitigation. <i>Nature Communications</i> , 2019, 10, 4313.	5.8	150
83	Submarine Groundwater Discharge: Updates on Its Measurement Techniques, Geophysical Drivers, Magnitudes, and Effects. <i>Frontiers in Environmental Science</i> , 2019, 7, .	1.5	158
84	Whale carcass leachate plumes in beach groundwater: A potential shark attractant to the surf?. <i>Marine Pollution Bulletin</i> , 2019, 140, 219-226.	2.3	8
85	Significant nitrate attenuation in a mangrove-fringed estuary during a flood-chase experiment. <i>Environmental Pollution</i> , 2019, 253, 1000-1008.	3.7	35
86	The role of porewater exchange as a driver of CO <sub>2</sub> flux to the atmosphere in a temperate estuary (Squamish, Canada). <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	9
87	Fifty Years of Sporadic Coral Reef Calcification Estimates at One Tree Island, Great Barrier Reef: Is it Enough to Imply Long Term Trends?. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	13
88	Diel versus tidal cycles of chromophoric dissolved organic matter (CDOM) and radon in a coral reef in the Great Barrier Reef. <i>Regional Studies in Marine Science</i> , 2019, 29, 100659.	0.4	4
89	Whale carcass scavenging by sharks. <i>Global Ecology and Conservation</i> , 2019, 19, e00655.	1.0	19
90	Biodegradability of riverine dissolved organic carbon in a Dry-hot Valley Region: Initial trophic controls and variations in chemical composition. <i>Journal of Hydrology</i> , 2019, 574, 430-435.	2.3	15

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91	Role of carbonate burial in Blue Carbon budgets. <i>Nature Communications</i> , 2019, 10, 1106.	5.8	105
92	Significant Organic Carbon Accumulation in Two Coastal Acid Sulfate Soil Wetlands. <i>Geophysical Research Letters</i> , 2019, 46, 3245-3251.	1.5	13
93	Carbon concentrations and their stable isotopic signatures in the upper Han River, China. <i>Environmental Science and Pollution Research</i> , 2019, 26, 14116-14127.	2.7	5
94	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
95	Nutrient and Trace Metal Fluxes into Estuarine Sediments Linked to Historical and Expanding Agricultural Activity (Hearnes Lake, Australia). <i>Estuaries and Coasts</i> , 2019, 42, 944-957.	1.0	26
96	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
97	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
98	High pore-water derived CO <sub>2</sub> and CH <sub>4</sub> emissions from a macro-tidal mangrove creek in the Amazon region. <i>Geochimica Et Cosmochimica Acta</i> , 2019, 247, 106-120.	1.6	45
99	Dissolved carbon, greenhouse gases, and $\delta^{13}C$ dynamics in four estuaries across a land use gradient. <i>Aquatic Sciences</i> , 2019, 81, 1.	0.6	19
100	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
101	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
102	Submarine groundwater discharge revealed by <sup>224</sup> Ra and <sup>223</sup> Ra in Coffs Harbour, Australia. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 319, 1193-1199.	0.7	3
103	Temporal controls on dissolved organic carbon biodegradation in subtropical rivers: Initial chemical composition versus stoichiometry. <i>Science of the Total Environment</i> , 2019, 651, 3064-3069.	3.9	29
104	Drivers of CO <sub>2</sub> 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
105	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
106	Porewater inputs drive Fe redox cycling in the water column of a temperate mangrove wetland. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 207, 259-268.	0.9	8
107	Radium tracing nutrient inputs through submarine groundwater discharge in the global ocean. <i>Scientific Reports</i> , 2018, 8, 2439.	1.6	123
108	Riverine CO <sub>2</sub> supersaturation and outgassing in a subtropical monsoonal mountainous area (Three) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.3	44

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109	Determining coral reef calcification and primary production using automated alkalinity, pH and pCO <sub>2</sub> measurements at high temporal resolution. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 209, 80-88.	0.9	17
110	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
111	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
112	Groundwater dynamics in subterranean estuaries of coastal unconfined aquifers: Controls on submarine groundwater discharge and chemical inputs to the ocean. <i>Advances in Water Resources</i> , 2018, 115, 315-331.	1.7	184
113	Submarine Groundwater Discharge Estimates Using Radium Isotopes and Related Nutrient Inputs into Tauranga Harbour (New Zealand). <i>Estuaries and Coasts</i> , 2018, 41, 384-403.	1.0	23
114	Large greenhouse gases emissions from China's lakes and reservoirs. <i>Water Research</i> , 2018, 147, 13-24.	5.3	167
115	Mangrove mortality in a changing climate: An overview. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 215, 241-249.	0.9	154
116	Nitrate loads in sub-tropical headwater streams driven by intensive horticulture. <i>Environmental Pollution</i> , 2018, 243, 1036-1046.	3.7	30
117	Radon-traced porewater as a potential source of CO <sub>2</sub> and CH <sub>4</sub> to receding black and clear water environments in the Amazon Basin. <i>Limnology and Oceanography Letters</i> , 2018, 3, 375-383.	1.6	15
118	Submarine Groundwater Discharge-Derived Carbon Fluxes in Mangroves: An Important Component of Blue Carbon Budgets?. <i>Journal of Geophysical Research: Oceans</i> , 2018, 123, 6962-6979.	1.0	82
119	The spatial and temporal drivers of pCO <sub>2</sub> , pCH <sub>4</sub> and gas transfer velocity within a subtropical estuary.. <i>Estuarine, Coastal and Shelf Science</i> , 2018, 208, 83-95.	0.9	42
120	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
121	Whale carcass strandings on beaches: Management challenges, research needs, and examples from Australia. <i>Ocean and Coastal Management</i> , 2018, 163, 323-338.	2.0	15
122	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
123	Beyond burial: lateral exchange is a significant atmospheric carbon sink in mangrove forests. <i>Biology Letters</i> , 2018, 14, 20180200.	1.0	106
124	Taking the metabolic pulse of the world's coral reefs. <i>PLoS ONE</i> , 2018, 13, e0190872.	1.1	96
125	Carbon accumulation in Amazonian floodplain lakes: A significant component of Amazon budgets?. <i>Limnology and Oceanography Letters</i> , 2017, 2, 29-35.	1.6	26
126	Effects of beach slope breaks on nearshore groundwater dynamics. <i>Hydrological Processes</i> , 2017, 31, 2530-2540.	1.1	24



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127	Changes in organic carbon accumulation driven by mangrove expansion and deforestation in a New Zealand estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 192, 108-116.	0.9	54
128	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
129	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
130	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
131	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
132	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
133	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
134	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
135	Uranium export from a sandy beach subterranean estuary in Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 204-212.	0.9	4
136	Mangrove outwelling is a significant source of oceanic exchangeable organic carbon. <i>Limnology and Oceanography Letters</i> , 2017, 2, 1-8.	1.6	40
137	High porewater exchange in a mangrove-dominated estuary revealed from short-lived radium isotopes. <i>Journal of Hydrology</i> , 2017, 553, 188-198.	2.3	40
138	Nitrogen enrichment and speciation in a coral reef lagoon driven by groundwater inputs of bird guano. <i>Journal of Geophysical Research: Oceans</i> , 2017, 122, 7218-7236.	1.0	31
139	Greenhouse Gas Dynamics in a Salt-Wedge Estuary Revealed by High Resolution Cavity Ring-Down Spectroscopy Observations. <i>Environmental Science &amp; Technology</i> , 2017, 51, 13771-13778.	4.6	23
140	Global patterns in mangrove soil carbon stocks and losses. <i>Nature Climate Change</i> , 2017, 7, 523-528.	8.1	412
141	Mangrove sediments reveal records of development during the previous century (Coffs Creek estuary, New South Wales). <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 204-212.	0.78	39
142	Extreme drought causes distinct water acidification and eutrophication in the Lower Lakes (Lakes) region of South Australia. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 198, 204-212.	2.3	32
143	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
144	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

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145	Effects of alongshore morphology on groundwater flow and solute transport in a nearshore aquifer. <i>Water Resources Research</i> , 2016, 52, 990-1008.	1.7	29
146	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
147	Pristine mangrove creek waters are a sink of nitrous oxide. <i>Scientific Reports</i> , 2016, 6, 25701.	1.6	61
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