

# Tim C Jennerjahn

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

3,421  
citations

136950

32  
h-index

149698

56  
g-index

82  
all docs

82  
docs citations

82  
times ranked

3870  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mangrove ecosystems under threat in Indonesia. , 2022, , 251-284.		2
2	Late quaternary environmental history of Indonesia. , 2022, , 347-369.		0
3	Introductionâ€”Science for the Protection of Indonesian Coastal Ecosystems (SPICE). , 2022, , 1-11.		1
4	Human interventions in rivers and estuaries of Java and Sumatra. , 2022, , 45-82.		1
5	Sea level rise and climate change acting as interactive stressors on development and dynamics of tropical peatlands in coastal Sumatra and South Borneo since the Last Glacial Maximum. Global Change Biology, 2022, 28, 3459-3479.	9.5	9
6	Species-specific phenotypic plasticity of two tropical seagrass species in response to in situ fertilisation under different trophic conditions. Estuarine, Coastal and Shelf Science, 2022, 270, 107837.	2.1	3
7	Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy. Journal of Environmental Management, 2022, 314, 114994.	7.8	20
8	Sources, types, and effects of nutrients (N and P) in coastal sediments. , 2021, , 47-78.		2
9	Biogeo cycling of nutrients (C, N, P, S, and Fe) and implications on greenhouse gas emissions. , 2021, , 119-145.		0
10	Source and composition of organic matter and its role in designing sediment microbial communities. , 2021, , 1-45.		0
11	Relevance and magnitude of 'Blue Carbon' storage in mangrove sediments: Carbon accumulation rates vs. stocks, sources vs. sinks. Estuarine, Coastal and Shelf Science, 2021, 248, 107156.	2.1	11
12	Assessment of microbial structure and functions in coastal sediments. , 2021, , 167-185.		3
13	Relevance of allochthonous input from an agriculture-dominated hinterland for â€œBlue Carbonâ€ storage in mangrove sediments in Java, Indonesia. , 2021, , 393-414.		3
14	Pond aquaculture effluents feed an anthropogenic nitrogen loop in a SE Asian estuary. Science of the Total Environment, 2021, 756, 144083.	8.0	16
15	The renaissance of Odum's outwelling hypothesis in 'Blue Carbon' science. Estuarine, Coastal and Shelf Science, 2021, 255, 107361.	2.1	107
16	Late Holocene ENSO-related fire impact on vegetation, nutrient status and carbon accumulation of peatlands in Jambi, Sumatra, Indonesia. Review of Palaeobotany and Palynology, 2021, 293, 104482.	1.5	7
17	Environmental variables and factors regulating microbial structure and functions. , 2021, , 79-117.		4
18	Biodegradation and biotransformation of persistent organic pollutants by microbes in coastal sediments. , 2021, , 147-166.		1

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19	Conceptualizing ecosystem degradation using mangrove forests as a model system. <i>Biological Conservation</i> , 2021, 263, 109355.	4.1	17
20	Intertwined effects of climate and land use change on environmental dynamics and carbon accumulation in a mangrove-fringed coastal lagoon in Java, Indonesia. <i>Global Change Biology</i> , 2020, 26, 1414-1431.	9.5	22
21	Decadal trends in mangrove and pond aquaculture cover on Hainan (China) since 1966: mangrove loss, fragmentation and associated biogeochemical changes. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 233, 106531.	2.1	54
22	OBITUARY - Victor Nico de Jonge (1944-2020) - Editor-in-Chief <i>Ocean &amp; Coastal Management</i> , 2010-2020. <i>Ocean and Coastal Management</i> , 2020, 194, 105308.	4.4	0
23	Relevance and magnitude of 'Blue Carbon' storage in mangrove sediments: Carbon accumulation rates vs. stocks, sources vs. sinks. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 247, 107027.	2.1	51
24	Mangroves give cause for conservation optimism, for now. <i>Current Biology</i> , 2020, 30, R153-R154.	3.9	127
25	The end of resilience: Surpassed nitrogen thresholds in coastal waters led to severe seagrass loss after decades of exposure to aquaculture effluents. <i>Marine Environmental Research</i> , 2020, 160, 104986.	2.5	44
26	Interactive effects of temperature and nutrients on mangrove seedling growth and implications for establishment. <i>Marine Environmental Research</i> , 2019, 151, 104750.	2.5	11
27	Holocene changes in biome size and tropical cyclone activity around the Northern South China Sea. <i>Quaternary Science Reviews</i> , 2019, 215, 45-63.	3.0	8
28	Java Island, Indonesia. , 2019, , 459-490.		10
29	Variability in the organic carbon stocks, sources, and accumulation rates of Indonesian mangrove ecosystems. <i>Estuarine, Coastal and Shelf Science</i> , 2019, 218, 310-323.	2.1	111
30	Coastal commons as social-ecological systems. , 2019, , 170-187.		9
31	Resilience of a peatland in Central Sumatra, Indonesia to past anthropogenic disturbance: Improving conservation and restoration designs using palaeoecology. <i>Journal of Ecology</i> , 2018, 106, 2473-2490.	4.0	33
32	Small tropical islands with dense human population: differences in water quality of near-shore waters are associated with distinct bacterial communities. <i>PeerJ</i> , 2018, 6, e4555.	2.0	10
33	High-resolution multi-proxy reconstruction of environmental changes in coastal waters of the Java Sea, Indonesia, during the late Holocene. <i>Palynology</i> , 2017, 41, 297-310.	1.5	6
34	Interspecific variations in mangrove leaf litter decomposition are related to labile nitrogenous compounds. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 192, 137-148.	2.1	32
35	Environmental dynamics and carbon accumulation rate of a tropical peatland in Central Sumatra, Indonesia. <i>Quaternary Science Reviews</i> , 2017, 169, 173-187.	3.0	43
36	Late Holocene slowdown of the Indian Ocean Walker circulation. <i>Nature Communications</i> , 2017, 8, 1015.	12.8	22

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37	Tropical Peat and Peatland Development in the Floodplains of the Greater Pamba Basin, South-Western India during the Holocene. PLoS ONE, 2016, 11, e0154297.	2.5	14
38	Origin and fate of sedimentary organic matter in the northern Bay of Bengal during the last 18 ka. Global and Planetary Change, 2016, 146, 53-66.	3.5	16
39	Impact of human interventions on nutrient biogeochemistry in the Pamba River, Kerala, India. Science of the Total Environment, 2016, 541, 1420-1430.	8.0	15
40	Changes to processes in estuaries and coastal waters due to intense multiple pressures – An introduction and synthesis. Estuarine, Coastal and Shelf Science, 2015, 156, 1-6.	2.1	50
41	Eleven month high resolution pollen and spore sedimentation record off SW Java in the Indian Ocean. Marine Micropaleontology, 2014, 111, 90-99.	1.2	11
42	Evolution of the Indian Summer Monsoon and terrestrial vegetation in the Bengal region during the past 18 kA. Quaternary Science Reviews, 2014, 102, 133-148.	3.0	114
43	Impact of pond aquaculture effluents on seagrass performance in NE Hainan, tropical China. Marine Pollution Bulletin, 2014, 85, 190-203.	5.0	41
44	Pressures, stresses, shocks and trends in estuarine ecosystems – An introduction and synthesis. Estuarine, Coastal and Shelf Science, 2013, 130, 1-8.	2.1	63
45	Biogeochemical behavior of organic carbon in a small tropical river and estuary, Hainan, China. Continental Shelf Research, 2013, 57, 32-43.	1.8	42
46	Land–Sea interactions in tropical ecosystems of Hainan, China. Continental Shelf Research, 2013, 57, 1-2.	1.8	6
47	Effluent, nutrient and organic matter export from shrimp and fish ponds causing eutrophication in coastal and back-reef waters of NE Hainan, tropical China. Continental Shelf Research, 2013, 57, 92-104.	1.8	214
48	Environmental impact of mud volcano inputs on the anthropogenically altered Porong River and Madura Strait coastal waters, Java, Indonesia. Estuarine, Coastal and Shelf Science, 2013, 130, 152-160.	2.1	26
49	Sources, transformation and fate of particulate amino acids and hexosamines under varying hydrological regimes in the tropical Wenchang/Wenjiao Rivers and Estuary, Hainan, China. Continental Shelf Research, 2013, 57, 44-58.	1.8	30
50	Land–sea interactions at the east coast of Hainan Island, South China Sea: A synthesis. Continental Shelf Research, 2013, 57, 132-142.	1.8	65
51	Origem da matéria orgânica sedimentar no delta-estuarino do Rio São Francisco, AL/SE - Brasil. Geochimica Brasiliensis, 2013, 27, 37-48.	0.4	6
52	Biogeochemical response of tropical coastal systems to present and past environmental change. Earth-Science Reviews, 2012, 114, 19-41.	9.1	69
53	Food preferences of mangrove crabs related to leaf nitrogen compounds in the Segara Anakan Lagoon, Java, Indonesia. Journal of Sea Research, 2011, 65, 414-426.	1.6	66
54	Anthropogenic organic contaminants in water, sediments and benthic organisms of the mangrove-fringed Segara Anakan Lagoon, Java, Indonesia. Marine Pollution Bulletin, 2011, 62, 851-862.	5.0	66

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55	Typhoon-induced precipitation impact on nutrient and suspended matter dynamics of a tropical estuary affected by human activities in Hainan, China. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 93, 375-388.	2.1	116
56	Two-step vegetation response to enhanced precipitation in Northeast Brazil during Heinrich event 1. <i>Global Change Biology</i> , 2010, 16, 1647-1660.	9.5	55
57	Distribution and burial of organic carbon in sediments from the Indian Ocean upwelling region off Java and Sumatra, Indonesia. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2010, 57, 458-467.	1.4	28
58	Hydrodynamics of the Segara Anakan lagoon. <i>Regional Environmental Change</i> , 2009, 9, 245-258.	2.9	44
59	Spatio-temporal variation of dissolved inorganic nutrients related to hydrodynamics and land use in the mangrove-fringed Segara Anakan Lagoon, Java, Indonesia. <i>Regional Environmental Change</i> , 2009, 9, 259-274.	2.9	34
60	Segara Anakan, Java, Indonesia, a mangrove-fringed coastal lagoon affected by human activities. <i>Regional Environmental Change</i> , 2009, 9, 231-233.	2.9	9
61	Impact of regional Indian Ocean characteristics on the biogeochemical variability of settling particles. <i>Geophysical Monograph Series</i> , 2009, , 257-280.	0.1	5
62	Effect of land use on the biogeochemistry of dissolved nutrients and suspended and sedimentary organic matter in the tropical Kallada River and Ashtamudi estuary, Kerala, India. <i>Biogeochemistry</i> , 2008, 90, 29-47.	3.5	49
63	Possible evidence for wet Heinrich phases in tropical NE Australia: the Lynch's Crater deposit. <i>Quaternary Science Reviews</i> , 2008, 27, 468-475.	3.0	96
64	Biogeochemistry of the Dumai River estuary, Sumatra, Indonesia, a tropical blackwater river. <i>Limnology and Oceanography</i> , 2007, 52, 2410-2417.	3.1	59
65	Distribution of organic matter in the Changjiang (Yangtze River) Estuary and their stable carbon and nitrogen isotopic ratios: Implications for source discrimination and sedimentary dynamics. <i>Marine Chemistry</i> , 2007, 106, 111-126.	2.3	203
66	Modern environmental conditions recorded in surface sediment samples off W and SW Indonesia: Planktonic foraminifera and biogenic compounds analyses. <i>Marine Micropaleontology</i> , 2007, 65, 96-112.	1.2	33
67	Asynchronous Terrestrial and Marine Signals of Climate Change During Heinrich Events. <i>Science</i> , 2004, 306, 2236-2239.	12.6	136
68	Biogeochemistry of a tropical river affected by human activities in its catchment: Brantas River estuary and coastal waters of Madura Strait, Java, Indonesia. <i>Estuarine, Coastal and Shelf Science</i> , 2004, 60, 503-514.	2.1	124
69	Mesozooplankton community respiration and its relation to particle flux in the oligotrophic eastern Mediterranean. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	4.9	37
70	Organic carbon accumulation in the South Atlantic Ocean: its modern, mid-Holocene and last glacial distribution. <i>Global and Planetary Change</i> , 2004, 40, 249-266.	3.5	57
71	Relevance of mangroves for the production and deposition of organic matter along tropical continental margins. <i>Die Naturwissenschaften</i> , 2002, 89, 23-30.	1.6	396
72	Nature of organic matter in surface sediments from the Pakistan continental margin and the deep Arabian Sea: amino acids. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2000, 47, 329-351.	1.4	55

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73	Changes in organic matter from surface waters to continental slope sediments off the São Francisco River, eastern Brazil. <i>Marine Geology</i> , 1999, 161, 129-140.	2.1	46
74	Biogeochemical characteristics of coastal waters adjacent to small river-mangrove systems, East Brazil. <i>Geo-Marine Letters</i> , 1999, 19, 179-185.	1.1	20
75	Temporal variability of amino acid, hexosamine, and carbohydrate fluxes on the eastern Brazilian continental margin related to discharge of the São Francisco River, Brazil. <i>Geo-Marine Letters</i> , 1999, 19, 202-208.	1.1	22
76	Organic geochemical characteristics of time-series settling particles in northern South China Sea and their implications. <i>Diqiu Huaxue</i> , 1998, 17, 275-283.	0.5	1
77	Sampling the oxygen minimum zone off Pakistan: glacial-interglacial variations of anoxia and productivity (preliminary results, sonne 90 cruise). <i>Marine Geology</i> , 1995, 125, 7-19.	2.1	81
78	Water quality monitoring of the BRANTAS Estuary, Indonesia. , 0, , .		1