

Tim C Jennerjahn

List of Publications by Year in descending order

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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	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
2	Effluent, nutrient and organic matter export from shrimp and fish ponds causing eutrophication in coastal and back-reef waters of NE Hainan, tropical China. <i>Continental Shelf Research</i> , 2013, 57, 92-104.	1.8	214
3	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
4	Asynchronous Terrestrial and Marine Signals of Climate Change During Heinrich Events. <i>Science</i> , 2004, 306, 2236-2239.	12.6	136
5	Mangroves give cause for conservation optimism, for now. <i>Current Biology</i> , 2020, 30, R153-R154.	3.9	127
6	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
7	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
8	Evolution of the Indian Summer Monsoon and terrestrial vegetation in the Bengal region during the past 18Åka. <i>Quaternary Science Reviews</i> , 2014, 102, 133-148.	3.0	114
9	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
10	The renaissance of Odum's outwelling hypothesis in 'Blue Carbon' science. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 255, 107361.	2.1	107
11	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
12	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
13	Biogeochemical response of tropical coastal systems to present and past environmental change. <i>Earth-Science Reviews</i> , 2012, 114, 19-41.	9.1	69
14	Food preferences of mangrove crabs related to leaf nitrogen compounds in the Segara Anakan Lagoon, Java, Indonesia. <i>Journal of Sea Research</i> , 2011, 65, 414-426.	1.6	66
15	Anthropogenic organic contaminants in water, sediments and benthic organisms of the mangrove-fringed Segara Anakan Lagoon, Java, Indonesia. <i>Marine Pollution Bulletin</i> , 2011, 62, 851-862.	5.0	66
16	Landâ€“sea interactions at the east coast of Hainan Island, South China Sea: A synthesis. <i>Continental Shelf Research</i> , 2013, 57, 132-142.	1.8	65
17	Pressures, stresses, shocks and trends in estuarine ecosystems â€“ An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 1-8.	2.1	63
18	Biogeochemistry of the Dumai River estuary, Sumatra, Indonesia, a tropical blackâ€“water river. <i>Limnology and Oceanography</i> , 2007, 52, 2410-2417.	3.1	59

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19	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
20	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
21	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
22	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
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	Changes to processes in estuaries and coastal waters due to intense multiple pressures – An introduction and synthesis. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 156, 1-6.	2.1	50
25	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
26	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
27	Hydrodynamics of the Segara Anakan lagoon. <i>Regional Environmental Change</i> , 2009, 9, 245-258.	2.9	44
28	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
29	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
30	Biogeochemical behavior of organic carbon in a small tropical river and estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 32-43.	1.8	42
31	Impact of pond aquaculture effluents on seagrass performance in NE Hainan, tropical China. <i>Marine Pollution Bulletin</i> , 2014, 85, 190-203.	5.0	41
32	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
33	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
34	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
35	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
36	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

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37	Sources, transformation and fate of particulate amino acids and hexosamines under varying hydrological regimes in the tropical Wenchang/Wenjiao Rivers and Estuary, Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 44-58.	1.8	30
38	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
39	Environmental impact of mud volcano inputs on the anthropogenically altered Porong River and Madura Strait coastal waters, Java, Indonesia. <i>Estuarine, Coastal and Shelf Science</i> , 2013, 130, 152-160.	2.1	26
40	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
41	Late Holocene slowdown of the Indian Ocean Walker circulation. <i>Nature Communications</i> , 2017, 8, 1015.	12.8	22
42	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
43	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
44	Lessons from bright-spots for advancing knowledge exchange at the interface of marine science and policy. <i>Journal of Environmental Management</i> , 2022, 314, 114994.	7.8	20
45	Conceptualizing ecosystem degradation using mangrove forests as a model system. <i>Biological Conservation</i> , 2021, 263, 109355.	4.1	17
46	Origin and fate of sedimentary organic matter in the northern Bay of Bengal during the last 18 ka. <i>Global and Planetary Change</i> , 2016, 146, 53-66.	3.5	16
47	Pond aquaculture effluents feed an anthropogenic nitrogen loop in a SE Asian estuary. <i>Science of the Total Environment</i> , 2021, 756, 144083.	8.0	16
48	Impact of human interventions on nutrient biogeochemistry in the Pamba River, Kerala, India. <i>Science of the Total Environment</i> , 2016, 541, 1420-1430.	8.0	15
49	Tropical Peat and Peatland Development in the Floodplains of the Greater Pamba Basin, South-Western India during the Holocene. <i>PLoS ONE</i> , 2016, 11, e0154297.	2.5	14
50	Eleven month high resolution pollen and spore sedimentation record off SW Java in the Indian Ocean. <i>Marine Micropaleontology</i> , 2014, 111, 90-99.	1.2	11
51	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
52	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> , 2021, 248, 107156.	2.1	11
53	Java Island, Indonesia. , 2019, , 459-490.		10
54	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

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55	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
56	Coastal commons as social-ecological systems. , 2019, , 170-187.		9
57	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. <i>Global Change Biology</i> , 2022, 28, 3459-3479.	9.5	9
58	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
59	Late Holocene ENSO-related fire impact on vegetation, nutrient status and carbon accumulation of peatlands in Jambi, Sumatra, Indonesia. <i>Review of Palaeobotany and Palynology</i> , 2021, 293, 104482.	1.5	7
60	Land-Sea interactions in tropical ecosystems of Hainan, China. <i>Continental Shelf Research</i> , 2013, 57, 1-2.	1.8	6
61	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
62	Origem da matéria orgânica sedimentar no delta-estuarino do Rio São Francisco, AL/SE - Brasil. <i>Geochimica Brasiliensis</i> , 2013, 27, 37-48.	0.4	6
63	Impact of regional Indian Ocean characteristics on the biogeochemical variability of settling particles. <i>Geophysical Monograph Series</i> , 2009, , 257-280.	0.1	5
64	Environmental variables and factors regulating microbial structure and functions. , 2021, , 79-117.		4
65	Assessment of microbial structure and functions in coastal sediments. , 2021, , 167-185.		3
66	Relevance of allochthonous input from an agriculture-dominated hinterland for "Blue Carbon" storage in mangrove sediments in Java, Indonesia. , 2021, , 393-414.		3
67	Species-specific phenotypic plasticity of two tropical seagrass species in response to in situ fertilisation under different trophic conditions. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 270, 107837.	2.1	3
68	Sources, types, and effects of nutrients (N and P) in coastal sediments. , 2021, , 47-78.		2
69	Mangrove ecosystems under threat in Indonesia. , 2022, , 251-284.		2
70	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
71	Water quality monitoring of the BRANTAS Estuary, Indonesia. , 0, , .		1
72	Biodegradation and biotransformation of persistent organic pollutants by microbes in coastal sediments. , 2021, , 147-166.		1

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73	Introduction of Science for the Protection of Indonesian Coastal Ecosystems (SPICE). , 2022, , 1-11.		1
74	Human interventions in rivers and estuaries of Java and Sumatra. , 2022, , 45-82.		1
75	OBITUARY - Victor Nico de Jonge (1944-2020) - Editor-in-Chief Ocean & Coastal Management, 2010-2020. Ocean and Coastal Management, 2020, 194, 105308.	4.4	0
76	Biogeo cycling of nutrients (C, N, P, S, and Fe) and implications on greenhouse gas emissions. , 2021, , 119-145.		0
77	Source and composition of organic matter and its role in designing sediment microbial communities. , 2021, , 1-45.		0
78	Late quaternary environmental history of Indonesia. , 2022, , 347-369.		0