Caroline Petus

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11162156/publications.pdf

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17	811	687363 13	888059 17
papers	citations	h-index	g-index

17	17	17	1176
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimating turbidity and total suspended matter in the Adour River plume (South Bay of Biscay) using MODIS 250-m imagery. Continental Shelf Research, 2010, 30, 379-392.	1.8	204
2	Effects of reduced water quality on coral reefs in and out of noâ€take marine reserves. Conservation Biology, 2016, 30, 142-153.	4.7	100
3	Water Quality and River Plume Monitoring in the Great Barrier Reef: An Overview of Methods Based on Ocean Colour Satellite Data. Remote Sensing, 2015, 7, 12909-12941.	4.0	83
4	A novel approach to model exposure of coastal-marine ecosystems to riverine flood plumes based on remote sensing techniques. Journal of Environmental Management, 2013, 119, 194-207.	7.8	64
5	Monitoring spatio-temporal variability of the Adour River turbid plume (Bay of Biscay, France) with MODIS 250-m imagery. Continental Shelf Research, 2014, 74, 35-49.	1.8	64
6	Using MODIS data for understanding changes in seagrass meadow health: A case study in the Great Barrier Reef (Australia). Marine Environmental Research, 2014, 98, 68-85.	2.5	60
7	Longâ€term dynamics and drivers of coral and macroalgal cover on inshore reefs of the Great Barrier Reef Marine Park. Ecological Applications, 2020, 30, e02008.	3.8	42
8	Using MODIS data for mapping of water types within river plumes inÂthe Great Barrier Reef, Australia: Towards the production of river plume risk maps for reef and seagrass ecosystems. Journal of Environmental Management, 2014, 137, 163-177.	7.8	37
9	Estimating the Exposure of Coral Reefs and Seagrass Meadows to Land-Sourced Contaminants in River Flood Plumes of the Great Barrier Reef: Validating a Simple Satellite Risk Framework with Environmental Data. Remote Sensing, 2016, 8, 210.	4.0	34
10	Combining in-situ water quality and remotely sensed data across spatial and temporal scales to measure variability in wet season chlorophyll-a: Great Barrier Reef lagoon (Queensland, Australia). Ecological Processes, 2013, 2, .	3.9	32
11	A flood of information: Using Sentinel-3 water colour products to assure continuity in the monitoring of water quality trends in the Great Barrier Reef (Australia). Journal of Environmental Management, 2019, 248, 109255.	7.8	23
12	Baseline assessment of coastal water quality, in Vanuatu, South Pacific: Insights gained from in-situ sampling. Marine Pollution Bulletin, 2020, 160, 111651.	5.0	18
13	Observed vs. predicted variability in non-algal suspended particulate matter concentration in the English Channel in relation to tides and waves. Geo-Marine Letters, 2012, 32, 139-151.	1.1	17
14	Defining wet season water quality target concentrations for ecosystem conservation using empirical light attenuation models: A case study in the Great Barrier Reef (Australia). Journal of Environmental Management, 2018, 213, 451-466.	7.8	15
15	Measuring sediment grain size across the catchment to reef continuum: Improved methods and environmental insights. Marine Pollution Bulletin, 2021, 168, 112339.	5.0	13
16	Can Forelâ€“Ule Index Act as a Proxy of Water Quality in Temperate Waters? Application of Plume Mapping in Liverpool Bay, UK. Remote Sensing, 2022, 14, 2375.	4.0	4
17	Using Optical Water-Type Classification in Data-Poor Water Quality Assessment: A Case Study in the Torres Strait. Remote Sensing, 2022, 14, 2212.	4.0	1