Thomas Stieglitz

List of Publications by Year
in descending order

24	1,058	567281 15	677142 22
papers	citations	h-index	g-index

24	24	24	1183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Submarine Groundwater Discharge: Updates on Its Measurement Techniques, Geophysical Drivers, Magnitudes, and Effects. Frontiers in Environmental Science, 2019, 7, .	3.3	158
2	Submarine groundwater discharge into the near-shore zone of the Great Barrier Reef, Australia. Marine Pollution Bulletin, 2005, 51, 51-59.	5.0	106
3	The influence of environmental parameters on the performance and detection range of acoustic receivers. Methods in Ecology and Evolution, 2016, 7, 825-835.	5.2	106
4	Horizontal mixing of Great Barrier Reef waters: Offshore diffusivity determined from radium isotope distribution. Journal of Geophysical Research, 2006, 111, .	3.3	85
5	Using the radium quartet to quantify submarine groundwater discharge and porewater exchange. Geochimica Et Cosmochimica Acta, 2017, 196, 58-73.	3.9	84
6	Submarine groundwater discharge from tropical islands: a review. Grundwasser, 2015, 20, 53-67.	1.4	81
7	Quantifying Surface Water, Porewater, and Groundwater Interactions Using Tracers: Tracer Fluxes, Water Fluxes, and Endâ€member Concentrations. Water Resources Research, 2018, 54, 2452-2465.	4.2	64
8	Groundwater-driven nutrient inputs to coastal lagoons: The relevance of lagoon water recirculation as a conveyor of dissolved nutrients. Science of the Total Environment, 2018, 642, 764-780.	8.0	64
9	Karstic groundwater discharge and seawater recirculation through sediments in shallow coastal Mediterranean lagoons, determined from water, salt and radon budgets. Marine Chemistry, 2013, 156, 73-84.	2.3	51
10	Conceptual uncertainties in groundwater and porewater fluxes estimated by radon and radium mass balances. Limnology and Oceanography, 2021, 66, 1237-1255.	3.1	36
11	Exchange across the sediment-water interface quantified from porewater radon profiles. Journal of Hydrology, 2018, 559, 873-883.	5.4	35
12	A comparison between water circulation and terrestrially-driven dissolved silica fluxes to the Mediterranean Sea traced using radium isotopes. Geochimica Et Cosmochimica Acta, 2018, 238, 496-515.	3.9	35
13	Combining airborne thermal infrared images and radium isotopes to study submarine groundwater discharge along the French Mediterranean coastline. Journal of Hydrology: Regional Studies, 2017, 13, 72-90.	2.4	34
14	Application of Shore-Based Video and Unmanned Aerial Vehicles (Drones): Complementary Tools for Beach Studies. Remote Sensing, 2020, 12, 394.	4.0	30
15	A Novel Approach To Quantify Airâ€“Water Gas Exchange in Shallow Surface Waters Using High-Resolution Time Series of Dissolved Atmospheric Gases. Environmental Science & Technology, 2019, 53, 1463-1470.	10.0	18
16	Coastal Zone Changes in West Africa: Challenges and Opportunities for Satellite Earth Observations. Surveys in Geophysics, 2023, 44, 249-275.	4.6	18
17	An effect of pier pilings on nearshore submarine groundwater discharge from a (partially) confined aquifer. Estuaries and Coasts, 2007, 30, 543-550.	2.2	13
18	Snail leaps and bounds: drivers of the diel movement pattern of a large invertebrate, the Caribbean queen conch (Lobatus gigas), in a marginal inshore habitat. Canadian Journal of Zoology, 2019, 97, 436-445.	1.0	12

#	Article	IF	Citations
19	Temporal variations in porewater fluxes to a coastal lagoon driven by wind waves and changes in lagoon water depths. Journal of Hydrology, 2020, 581, 124363.	5.4	11
20	The 21st August 2020 Flood in Douala (Cameroon): A Major Urban Flood Investigated with 2D HEC-RAS Modeling. Water (Switzerland), 2022, 14, 1768.	2.7	10
21	Seasonal to decadal scale shoreline changes along the Cameroonian coastline, Bay of Bonny (1986 to) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	4
22	Application of the Acoustic Propagation Model to a deepâ€water crossâ€shelf curtain. Methods in Ecology and Evolution, 2017, 8, 1305-1308.	5.2	3
23	EMERGING ISSUES SEMINAR: EXPLORING THE FORMATION OF A WORKING GROUP TO EXAMINE THE SUBTERRANEAN ESTUARY. Limnology and Oceanography Bulletin, 2010, 19, 69-70.	0.4	0
24	The potential of marginal coastal nursery habitats for the conservation of a culturally important Caribbean marine species. Diversity and Distributions, 2020, 26, 565-574.	4.1	0