

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

76 papers	2,581 citations	26 h-index	49 g-index
78 ext. papers	3,050 ext. citations	3.8 avg, IF	5.12 L-index

#	Paper	IF	Citations
76	Impacts of large dams on downstream fluvial sedimentation: An example of the Three Gorges Dam (TGD) on the Changjiang (Yangtze River). <i>Journal of Hydrology</i> , <b>2013</b> , 480, 10-18	6	228
75	Source-to-sink transport processes of fluvial sediments in the South China Sea. <i>Earth-Science Reviews</i> , <b>2016</b> , 153, 238-273	10.2	227
74	Clay mineral distribution in surface sediments of the northeastern South China Sea and surrounding fluvial drainage basins: Source and transport. <i>Marine Geology</i> , <b>2010</b> , 277, 48-60	3.3	168
73	Detrital fine-grained sediment contribution from Taiwan to the northern South China Sea and its relation to regional ocean circulation. <i>Marine Geology</i> , <b>2008</b> , 255, 149-155	3.3	153
72	Detection of the Three Gorges Dam influence on the Changjiang (Yangtze River) submerged delta. <i>Scientific Reports</i> , <b>2014</b> , 4, 6600	4.9	144
71	Insights into Submarine Geohazards from Breaks in Subsea Telecommunication Cables. <i>Oceanography</i> , <b>2014</b> , 27, 58-67	2.3	92
70	A thirteen-year record of bathymetric changes in the North Passage, Changjiang (Yangtze) estuary. <i>Geomorphology</i> , <b>2013</b> , 187, 101-107	4.3	79
69	Sediment trapping of turbidity maxima in the Changjiang Estuary. <i>Marine Geology</i> , <b>2012</b> , 303-306, 14-25	3.3	74
68	Polycyclic aromatic hydrocarbons in coastal sediments of southwest Taiwan: an appraisal of diagnostic ratios in source recognition. <i>Marine Pollution Bulletin</i> , <b>2009</b> , 58, 752-60	6.7	72
67	The effect of a submarine canyon on the river sediment dispersal and inner shelf sediment movements in southern Taiwan. <i>Marine Geology</i> , <b>2002</b> , 181, 357-386	3.3	70
66	Turbulent mixing and internal tides in Gaoping (Kaoping) Submarine Canyon, Taiwan. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 383-396	2.7	59
65	Gravity flows associated with flood events and carbon burial: Taiwan as instructional source area. <i>Annual Review of Marine Science</i> , <b>2013</b> , 5, 47-68	15.4	57
64	From the highest to the deepest: The Gaoping River/Gaoping Submarine Canyon dispersal system. <i>Earth-Science Reviews</i> , <b>2016</b> , 153, 274-300	10.2	52
63	Kuroshio subsurface water feeds the wintertime Taiwan Warm Current on the inner East China Sea shelf. <i>Journal of Geophysical Research: Oceans</i> , <b>2016</b> , 121, 4790-4803	3.3	49
62	Sediment dynamics in a submarine canyon: a case of river-sea interaction. <i>Marine Geology</i> , <b>2004</b> , 207, 55-81	3.3	49
61	Geochemical controls on distributions and speciation of As and Hg in sediments along the Gaoping (Kaoping) Estuary/Canyon system off southwestern Taiwan. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 479-495	2.7	47
60	A submarine canyon conduit under typhoon conditions off Southern Taiwan. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , <b>2006</b> , 53, 223-240	2.5	46

59	Geochemistry of river-borne clays entering the East China Sea indicates two contrasting types of weathering and sediment transport processes. <i>Geochemistry, Geophysics, Geosystems</i> , <b>2015</b> , 16, 3034-3052	3.6	40
58	From suspended particles to strata: The fate of terrestrial substances in the Gaoping (Kaoping) submarine canyon. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 417-432	2.7	36
57	Numerical modeling study of sediment dispersal by a river plume. <i>Continental Shelf Research</i> , <b>2002</b> , 22, 1745-1773	2.4	33
56	Distribution of grain sizes across a transgressive shoreface. <i>Marine Geology</i> , <b>1989</b> , 87, 121-136	3.3	33
55	Frequent sediment density flows during 2006 to 2015, triggered by competing seismic and weather events: Observations from subsea cable breaks off southern Taiwan. <i>Marine Geology</i> , <b>2017</b> , 384, 147-158	3.3	31
54	Morphological evolution of the South Passage in the Changjiang (Yangtze River) estuary, China. <i>Quaternary International</i> , <b>2015</b> , 380-381, 314-326	2	31
53	The coastal depositional system of a small mountainous river: a perspective from grain-size distributions. <i>Marine Geology</i> , <b>2000</b> , 165, 63-86	3.3	31
52	Tidal and flood signatures of settling particles in the Gaoping submarine canyon (SW Taiwan) revealed from radionuclide and flow measurements. <i>Marine Geology</i> , <b>2009</b> , 267, 8-17	3.3	30
51	Patterns of Sediment Transport Pathways on a Headland Bay Beach: Nanwan Beach, South China: A Case Study. <i>Journal of Coastal Research</i> , <b>2010</b> , 26, 1096-1103	0.6	30
50	A comprehensive sediment dynamics study of a major mud belt system on the inner shelf along an energetic coast. <i>Scientific Reports</i> , <b>2018</b> , 8, 4229	4.9	26
49	A new approach to discriminate dinoflagellate from diatom blooms from space in the East China Sea. <i>Journal of Geophysical Research: Oceans</i> , <b>2014</b> , 119, 4653-4668	3.3	26
48	Island-based catchment: The Taiwan example. <i>Regional Environmental Change</i> , <b>2004</b> , 4, 39-48	4.3	26
47	Internal tidal currents in the Gaoping (Kaoping) Submarine Canyon. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 397-404	2.7	25
46	Observation of internal tidal currents in the Kaoping Canyon off southwestern Taiwan. <i>Estuarine, Coastal and Shelf Science</i> , <b>2008</b> , 80, 153-160	2.9	25
45	Cyclone-induced hyperpycnal turbidity currents in a submarine canyon. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		23
44	Quantifying tidal signatures of the benthic nepheloid layer in Gaoping Submarine Canyon in Southern Taiwan. <i>Marine Geology</i> , <b>2010</b> , 271, 119-130	3.3	23
43	Records of submarine natural hazards off SW Taiwan. <i>Geological Society Special Publication</i> , <b>2012</b> , 361, 41-60	1.7	22
42	Human interference in the water discharge of the Changjiang (Yangtze River), China. <i>Hydrological Sciences Journal</i> , <b>2015</b> , 60, 1770-1782	3.5	21

41	Effects of a major typhoon on sediment accumulation in Fangliao Submarine Canyon, SW Taiwan. <i>Marine Geology</i> , <b>2012</b> , 326-328, 116-130	3.3	21
40	The use of polycyclic aromatic hydrocarbons as a particulate tracer in the water column of Gaoping (Kaoping) Submarine Canyon. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 457-467	2.7	21
39	River plume induced variability of suspended particle characteristics. <i>Marine Geology</i> , <b>2016</b> , 380, 219-230.	3.3	21
38	Redistribution of multi-phase particulate organic carbon in a marine shelf and canyon system during an exceptional river flood: Effects of Typhoon Morakot on the Gaoping River Canyon system. <i>Marine Geology</i> , <b>2015</b> , 363, 191-201	3.3	19
37	In-situ estimations of the density and porosity of flocs of varying sizes in a submarine canyon. <i>Marine Geology</i> , <b>2010</b> , 276, 105-109	3.3	18
36	Partition of suspended and riverbed sediments related to the salt-wedge in the lower reaches of a small mountainous river. <i>Marine Geology</i> , <b>2009</b> , 264, 152-164	3.3	17
35	The influence of episodic weather events on tidal residual currents: A case study at Sebastian Inlet, Florida. <i>Estuaries and Coasts</i> , <b>1992</b> , 15, 109		16
34	Development of upwelling on pathway and freshwater transport of Pearl River plume in northeastern South China Sea. <i>Journal of Geophysical Research: Oceans</i> , <b>2017</b> , 122, 6090-6109	3.3	15
33	Isotopic evidence for the influence of typhoons and submarine canyons on the sourcing and transport behavior of biospheric organic carbon to the deep sea. <i>Earth and Planetary Science Letters</i> , <b>2017</b> , 465, 103-111	5.3	14
32	Resolving bathymetric components of the upper shoreface on a wave-dominated coast. <i>Marine Geology</i> , <b>1988</b> , 82, 169-186	3.3	14
31	On the links between a river's hyperpycnal plume and marine benthic nepheloid layer in the wake of a typhoon. <i>Progress in Oceanography</i> , <b>2014</b> , 127, 62-73	3.8	12
30	Tracing typhoon effects on particulate transport in a submarine canyon using polycyclic aromatic hydrocarbons. <i>Marine Chemistry</i> , <b>2013</b> , 157, 1-11	3.7	12
29	Dispersion of disposed dredged slurry in the meso-tidal Changjiang (Yangtze River) Estuary. <i>Estuarine, Coastal and Shelf Science</i> , <b>2006</b> , 70, 663-672	2.9	12
28	Simulation of grain-size abundances on a barred upper shoreface. <i>Marine Geology</i> , <b>1993</b> , 109, 237-251	3.3	12
27	Shoreface dynamics: Evidence from bathymetry and surficial sediments. <i>Marine Geology</i> , <b>1990</b> , 94, 37-53.	3.3	12
26	Particle dynamics of the surface, intermediate, and benthic nepheloid layers under contrasting conditions of summer monsoon and typhoon winds on the boundary between the Taiwan Strait and East China Sea. <i>Progress in Oceanography</i> , <b>2017</b> , 156, 130-144	3.8	11
25	Reconstruction of silicate weathering intensity and paleoenvironmental change during the late Quaternary in the Zhuoshui River catchment in Taiwan. <i>Quaternary International</i> , <b>2017</b> , 452, 43-53	2	10
24	The coastal transition at the mouth of a small mountainous river in Taiwan. <i>Sedimentology</i> , <b>1998</b> , 45, 803-816	3.3	10

23	Foraminiferal shells in sediment traps: Implications of biogenic particle transport in the Kao-ping submarine canyon, Taiwan. <i>Continental Shelf Research</i> , <b>2005</b> , 25, 2261-2272	2.4	10
22	Survival of graphitized petrogenic organic carbon through multiple erosional cycles. <i>Earth and Planetary Science Letters</i> , <b>2020</b> , 531, 115992	5.3	10
21	Land-sea duel in the late Quaternary at the mouth of a small river with high sediment yield. <i>Journal of Asian Earth Sciences</i> , <b>2017</b> , 143, 59-76	2.8	9
20	The effects of flow rate and temperature on SPMD measurements of bioavailable PAHs in seawater. <i>Marine Pollution Bulletin</i> , <b>2015</b> , 97, 217-223	6.7	9
19	Sediment trapping and bypassing characteristics of a stable tidal inlet at Kaohsiung Harbor, Taiwan. <i>Marine Geology</i> , <b>1997</b> , 140, 367-390	3.3	9
18	Morphodynamic evolution of a newly formed tidal inlet. <i>Coastal and Estuarine Studies</i> , <b>1993</b> , 62-94		9
17	Clay-mineral compositions of sediments in the Gaoping River-Sea system: Implications for weathering, sedimentary routing and carbon cycling. <i>Chemical Geology</i> , <b>2016</b> , 447, 11-26	4.2	8
16	Sources of settling particulate organic carbon during summer in the northern Taiwan Strait. <i>Estuarine, Coastal and Shelf Science</i> , <b>2017</b> , 198, 487-496	2.9	8
15	Transport and fluxes of terrestrial polycyclic aromatic hydrocarbons in a small mountain river and submarine canyon system. <i>Journal of Environmental Management</i> , <b>2016</b> , 178, 30-41	7.9	8
14	Rectification of the heading and tilting of sediment trap arrays due to strong tidal currents in a submarine canyon. <i>Geophysical Research Letters</i> , <b>2006</b> , 33,	4.9	7
13	Three-dimensional coupling between size-fractionated chlorophyll-a, POC and physical processes in the Taiwan Strait in summer. <i>Progress in Oceanography</i> , <b>2019</b> , 176, 102129	3.8	6
12	A centennial record of anthropogenic impacts and extreme weather events in southwestern Taiwan: evidence from sedimentary molecular markers in coastal margin. <i>Marine Pollution Bulletin</i> , <b>2014</b> , 86, 244-253	6.7	6
11	Sediment Dynamics Observed in the Jhoushuei River and Adjacent Coastal Zone in Taiwan Strait. <i>Oceanography</i> , <b>2011</b> , 24, 122-131	2.3	5
10	Using satellite observations of ocean color to categorize the dispersal patterns of river-borne substances in the Gaoping (Kaoping) River, Shelf and Canyon system. <i>Journal of Marine Systems</i> , <b>2009</b> , 76, 496-510	2.7	5
9	Settling fluxes of cohesive sediments measured by sediment traps in a semi-enclosed embayment with strong tidal environments. <i>Continental Shelf Research</i> , <b>2015</b> , 106, 17-26	2.4	3
8	Holocene variation of radiocarbon reservoir age offshore western Taiwan, derived from paired charcoals and mollusks. <i>Quaternary International</i> , <b>2019</b> , 527, 79-86	2	2
7	Submarine topography-related spatial variability of the southern Taiwan Strait sands (East Asia). <i>Marine Geology</i> , <b>2021</b> , 436, 106495	3.3	2
6	Coupling between physical processes and biogeochemistry of suspended particles over the inner shelf mud in the East China Sea. <i>Marine Geology</i> , <b>2021</b> , 442, 106657	3.3	2

5	Encountering shoaling internal waves on the dispersal pathway of the pearl river plume in summer. <i>Scientific Reports</i> , <b>2021</b> , 11, 999	4.9	2
4	Land-Ocean Interaction Affected by the Monsoon Regime Change in Western Taiwan Strait. <i>Frontiers in Marine Science</i> , 8,	4.5	1
3	Climate-driven drainage reorganization of small mountainous rivers in Taiwan (East Asia) since the last glaciation: The Zhuoshui River example. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2021</b> , 586, 110759	2.9	0
2	Decreasing trend of kuroshio intrusion and its effect on the chlorophyll-a concentration in the Luzon Strait, South China Sea. <i>GIScience and Remote Sensing</i> , <b>2022</b> , 59, 633-647	4.8	0
1	Influence of sediment sources, water mass, and physical processes on the dynamics of flocs at a location between the mouth of a river and the head of a submarine canyon. <i>Marine Geology</i> , <b>2022</b> , 445, 106736	3.3	