

Chih-Chieh Su

List of Publications by Year in descending order

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57
papers

1,757
citations

331670

21
h-index

276875

41
g-index

64
all docs

64
docs citations

64
times ranked

1919
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution records of anthropogenic activity and geohazards from the reservoir of Sun Moon Lake, Central Taiwan. <i>Elementa</i> , 2021, 9, .	3.2	1
2	Shallow gas hydrates off southwest Taiwan and their mechanisms. <i>Marine Geophysical Researches</i> , 2021, 42, 1.	1.2	5
3	Application of the paleolimnological method to assess metal contaminant distribution (As, Cu, Pb, Zn) in pulp mill stabilization basin sediments, Nova Scotia, Canada. <i>Environmental Science and Pollution Research</i> , 2021, 28, 51342-51355.	5.3	6
4	Evaluating the multidecadal response of historic seawater incursion events and salinity-induced meromixis at Laytons Lake, Nova Scotia, Canada. <i>Lake and Reservoir Management</i> , 2021, 37, 378-390.	1.3	0
5	Rapid humidity changes across the Northern South China Sea during the last ~40 kyrs. <i>Marine Geology</i> , 2021, 440, 106579.	2.1	5
6	Coupling between physical processes and biogeochemistry of suspended particles over the inner shelf mud in the East China Sea. <i>Marine Geology</i> , 2021, 442, 106657.	2.1	7
7	Land-Ocean Interaction Affected by the Monsoon Regime Change in Western Taiwan Strait. <i>Frontiers in Marine Science</i> , 2021, 8, .	2.5	5
8	Discovery of numerous pingos and comet-shaped depressions offshore southwestern Taiwan. <i>Geo-Marine Letters</i> , 2020, 40, 407-421.	1.1	9
9	Temporal Variations of Submarine Groundwater Discharge into a Tide-Dominated Coastal Wetland (Gaomei Wetland, Western Taiwan) Indicated by Radon and Radium Isotopes. <i>Water (Switzerland)</i> , 2020, 12, 1806.	2.7	12
10	Macrofaunal control of microbial community structure in continental margin sediments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 15911-15922.	7.1	40
11	Discharge of deeply rooted fluids from submarine mud volcanism in the Taiwan accretionary prism. <i>Scientific Reports</i> , 2020, 10, 381.	3.3	13
12	Three-dimensional coupling between size-fractionated chlorophyll-a, POC and physical processes in the Taiwan Strait in summer. <i>Progress in Oceanography</i> , 2019, 176, 102129.	3.2	10
13	Deciphering ~45,000 years of Arctic Ocean lithostratigraphic variability through multivariate statistical analysis. <i>Quaternary International</i> , 2019, 514, 141-151.	1.5	9
14	Spatial and temporal distribution of low frequency volcanic earthquakes in the southern Okinawa Trough back-arc basin. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 621-631.	0.6	4
15	Hydrothermal activity revealed by rock magnetic anomaly from core sediments in the southern Okinawa Trough. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 685-694.	0.6	5
16	Introduction to the special issue on tectonic environment and seabed resources of the southern Okinawa Trough. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 605-611.	0.6	7
17	Early diagenesis and carbon remineralization in young rift sediment of the Southern Okinawa Trough. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 633-647.	0.6	0
18	A comprehensive sediment dynamics study of a major mud belt system on the inner shelf along an energetic coast. <i>Scientific Reports</i> , 2018, 8, 4229.	3.3	39

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19	On the formation of hydrothermal vents and cold seeps in the Guaymas Basin, Gulf of California. <i>Biogeosciences</i> , 2018, 15, 5715-5731.	3.3	25
20	Rapid transition from continental breakup to igneous oceanic crust in the South China Sea. <i>Nature Geoscience</i> , 2018, 11, 782-789.	12.9	183
21	Back analysis of an earthquake-triggered submarine landslide near the SW of Xiaoliuqi. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2018, 29, 77-85.	0.6	6
22	Seismic site response of submarine slope offshore southwestern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2018, 29, 51-63.	0.6	4
23	Sedimentological characteristics and seafloor failure offshore SW Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2018, 29, 65-76.	0.6	9
24	Seismic sequence stratigraphic analysis of the carbonate platform, north offshore Taiping Island, Dangerous Grounds, South China Sea. <i>Tectonophysics</i> , 2017, 702, 70-81.	2.2	9
25	Production, consumption, and migration of methane in accretionary prism of southwestern Taiwan. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 2970-2989.	2.5	28
26	Activation of gas bubble emissions indicated by the upward decreasing Lead-210 activity at a submarine mud volcano (TY1) offshore southwestern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2017, 149, 160-171.	2.3	3
27	Crustal structure north of the Taiping Island (Itu Aba Island), southern margin of the South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 142, 119-133.	2.3	10
28	Disentangling Natural and Anthropogenic Signals in Lacustrine Records: An Example from the Ilan Plain, NE Taiwan. <i>Frontiers in Earth Science</i> , 2016, 4, .	1.8	9
29	Rifting under steam—How rift magmatism triggers methane venting from sedimentary basins. <i>Geology</i> , 2016, 44, 767-770.	4.4	59
30	Variations in glacial and interglacial marine conditions over the last two glacial cycles off northern Greenland. <i>Quaternary Science Reviews</i> , 2016, 147, 164-177.	3.0	14
31	Morphology, seismic characteristics and development of the sediment dispersal system along the Taiwan—Luzon convergent margin. <i>Marine Geophysical Researches</i> , 2015, 36, 293-308.	1.2	11
32	The Tienchi Pond on Lanyu Island (Western Pacific): Lake formation and potential as environmental archive. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 435-446.	2.3	0
33	Tectono-sedimentary control on modern sand deposition on the forebulge of the Western Taiwan Foreland Basin. <i>Marine and Petroleum Geology</i> , 2015, 66, 970-977.	3.3	4
34	Accumulation of terrestrial organic carbon on an active continental margin offshore southwestern Taiwan: Source-to-sink pathways of river-borne organic particles. <i>Journal of Asian Earth Sciences</i> , 2014, 91, 163-173.	2.3	21
35	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> , 2014, 127, 62-73.	3.2	16
36	Records of submarine natural hazards off SW Taiwan. <i>Geological Society Special Publication</i> , 2012, 361, 41-60.	1.3	36

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37	Avulsion of the Fangliao submarine canyon off southwestern Taiwan as revealed by morphological analysis and numerical simulation. <i>Geomorphology</i> , 2012, 177-178, 26-37.	2.6	16
38	Modern (<100 years) sedimentation in the Taiwan Strait: Rates and source-to-sink pathways elucidated from radionuclides and particle size distribution. <i>Continental Shelf Research</i> , 2011, 31, 47-63.	1.8	96
39	Decline in heavy metal contamination in marine sediments in Jakarta Bay, Indonesia due to increasing environmental regulations. <i>Estuarine, Coastal and Shelf Science</i> , 2011, 92, 297-306.	2.1	101
40	²¹⁰ Pb deposition in the far East Asia: Controlling factors of its spatial and temporal variations. <i>Journal of Environmental Radioactivity</i> , 2011, 102, 514-519.	1.7	18
41	Effects of environmental regulations on heavy metal pollution decline in core sediments from Manila Bay. <i>Marine Pollution Bulletin</i> , 2010, 60, 780-785.	5.0	60
42	Historical record of heavy metal pollution deduced by lead isotope ratios in core sediments from the Osaka Bay, Japan. <i>Journal of Geochemical Exploration</i> , 2010, 107, 1-8.	3.2	54
43	Occurrence of azaarenes in sediments of the Danshuei River, Taiwan – The use of azaarenes as indicator of anthropogenic source to the estuarine system. <i>Environmental Toxicology</i> , 2008, 23, 25-35.	4.0	16
44	Morphology and sedimentation of sand bodies in the tidal shelf sea of eastern Taiwan Strait. <i>Marine Geology</i> , 2008, 248, 161-178.	2.1	28
45	Measurements of ⁷ Be and ²¹⁰ Pb in cloudwaters: Toward a better understanding of aerosol transport and scavenging. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	9
46	Factors controlling temporal and spatial variations of atmospheric deposition of ⁷ Be and ²¹⁰ Pb in northern Taiwan. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	24
47	Sedimentation in the Southern Okinawa Trough – Rates, turbidites and a sediment budget. <i>Marine Geology</i> , 2006, 231, 129-139.	2.1	54
48	Distribution of fallout radionuclides (⁷ Be, ¹³⁷ Cs, ²¹⁰ Pb and ^{239,240} Pu) in soils of Taiwan. <i>Journal of Environmental Radioactivity</i> , 2004, 77, 87-100.	1.7	57
49	Linkages between turbidites in the southern Okinawa Trough and submarine earthquakes. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	4.0	35
50	Sedimentation in the Southern Okinawa Trough: enhanced particle scavenging and teleconnection between the Equatorial Pacific and western Pacific margins. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2004, 51, 1769-1780.	1.4	79
51	Factors controlling atmospheric fluxes of ⁷ Be and ²¹⁰ Pb in northern Taiwan. <i>Geophysical Research Letters</i> , 2003, 30, .	4.0	34
52	Atmospheric ²¹⁰ Po anomaly as a precursor of volcano eruptions. <i>Geophysical Research Letters</i> , 2002, 29, 14-1-14-4.	4.0	28
53	²¹⁰ Pb, ¹³⁷ Cs and ^{239,240} Pu in East China Sea sediments: sources, pathways and budgets of sediments and radionuclides. <i>Marine Geology</i> , 2002, 183, 163-178.	2.1	173
54	Sedimentation dynamics in the East China Sea elucidated from , and. <i>Marine Geology</i> , 1999, 160, 183-196.	2.1	236

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55	Seismic Stratigraphic Features of the Late Miocene-Present Unconformities and Related Seismic Units, Northern Offshore Taiwan. , 0, , .		2
56	East Asian winter monsoon variation during the last 3000 years as recorded in a subtropical mountain lake, northeastern Taiwan. Holocene, 0, , 095968362110190.	1.7	2
57	Expedition 367 Preliminary Report: South China Sea Rifted Margin. Preliminary Report, 0, , .	0.0	8