

# Andrew Tien-Shun Lin

## List of Publications by Year in descending order

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49  
papers

1,228  
citations

430874

18  
h-index

377865

34  
g-index

49  
all docs

49  
docs citations

49  
times ranked

934  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sedimentary sequences offshore northeastern Taiwan and the offshore projection of the Shanjiao Fault zone. <i>Tectonophysics</i> , 2022, 826, 229254.	2.2	1
2	Taiwan river muds from source to sink: Provenance control, inherited weathering, and offshore dispersal pathways. <i>Sedimentary Geology</i> , 2022, 438, 106199.	2.1	11
3	Shallow gas hydrates off southwest Taiwan and their mechanisms. <i>Marine Geophysical Researches</i> , 2021, 42, 1.	1.2	5
4	Deep-sea submarine erosion by the Kuroshio Current in the Manila accretionary prism, offshore Southern Taiwan. <i>Tectonophysics</i> , 2021, 807, 228813.	2.2	10
5	Oligocene-Miocene sequence stratigraphy in the northern margin of the South China Sea: An example from Taiwan. <i>Journal of Asian Earth Sciences</i> , 2021, 213, 104765.	2.3	10
6	Ephemeral landform development following rapid coastal uplift in the southern orogen of Taiwan. <i>Earth Surface Processes and Landforms</i> , 2021, 46, 2379-2394.	2.5	0
7	Clay-mineral distribution in recent deep-sea sediments around Taiwan: Implications for sediment dispersal processes. <i>Tectonophysics</i> , 2021, 814, 228974.	2.2	20
8	The potential of satellite remote sensing for monitoring the onset of volcanic activity on Taipei's doorstep. <i>International Journal of Remote Sensing</i> , 2020, 41, 1372-1388.	2.9	6
9	GAS HYDRATE SYSTEMS AND GAS VOLUMETRIC ASSESSMENT IN THE LOWER FANGLIAO BASIN, TAIWAN ACCRETIONARY WEDGE. <i>Journal of Petroleum Geology</i> , 2020, 43, 27-47.	1.5	5
10	Strain Partitioning and Exhumation in Oblique Taiwan Collision: Role of Rift Architecture and Plate Kinematics. <i>Tectonics</i> , 2020, 39, e2019TC005798.	2.8	17
11	Depositional influence of submarine channel migration on thermal properties of the Lower Fangliao Basin, offshore southwestern Taiwan. <i>Marine Geophysical Researches</i> , 2020, 41, 1.	1.2	5
12	Imaging active faulting in the western Taiwan Strait. <i>Scientific Reports</i> , 2020, 10, 3703.	3.3	7
13	Relicts of mud diapirism of the emerged wedge-top as an indicator of gas hydrates destabilization in the Manila accretionary prism in southern Taiwan (Hengchun Peninsula). <i>Geomorphology</i> , 2019, 336, 1-17.	2.6	9
14	Tectonic Controls on Gas Hydrate Distribution Off SW Taiwan. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 1164-1184.	3.4	30
15	Tectonic controls on the stratigraphic development of the rifted Taipei Basin: A late quaternary marine-influenced inland half graben. <i>Quaternary International</i> , 2018, 482, 27-45.	1.5	3
16	Stratigraphic modeling of the Western Taiwan foreland basin: Sediment flux from a growing mountain range and tectonic implications. <i>Marine and Petroleum Geology</i> , 2018, 96, 331-347.	3.3	15
17	Improved alignment of the Hengchun Fault (southern Taiwan) based on fieldwork, structure-from-motion, shallow drilling, and levelling data. <i>Tectonophysics</i> , 2017, 721, 435-447.	2.2	9
18	Sea level and climatic controls on turbidite occurrence for the past 26 kyr on the flank of the Gaoping Canyon off SW Taiwan. <i>Marine Geology</i> , 2017, 392, 140-150.	2.1	22

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19	Stress history influence on sedimentary rock porosity estimates: Implications for geological CO <sub>2</sub> storage in Northern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2017, 28, 247-258.	0.6	1
20	Historical Reconstruction of Submarine Earthquakes Using <sup>210</sup> Pb, <sup>137</sup> Cs, and <sup>241</sup> Am Turbidite Chronology and Radiocarbon Reservoir Age Estimation off East Taiwan. <i>Radiocarbon</i> , 2016, 58, 25-36.	1.8	7
21	An attempt to reconstruct 2700 years of seismicity using deep-sea turbidites offshore eastern Taiwan. <i>Tectonophysics</i> , 2016, 692, 309-324.	2.2	7
22	A study on tectonic and sedimentary development in the rifted northern continental margin of the South China Sea near Taiwan. <i>Interpretation</i> , 2016, 4, SP47-SP65.	1.1	13
23	V <sub>p</sub> /V <sub>s</sub> distribution in the northern Taiwan area: Implications for the tectonic structures and rock property variations. <i>Tectonophysics</i> , 2016, 692, 181-190.	2.2	7
24	Paleoenvironments of the evolving <i>Pliocene</i> to early <i>Pleistocene</i> foreland basin in northwestern Taiwan: An example from the <i>Dahan River</i> section. <i>Island Arc</i> , 2015, 24, 317-341.	1.1	11
25	Deep-sea sedimentation offshore eastern Taiwan: Facies and processes characterization. <i>Marine Geology</i> , 2015, 369, 1-18.	2.1	21
26	Canyon-infilling and gas hydrate occurrences in the frontal fold of the offshore accretionary wedge off southern Taiwan. <i>Marine Geophysical Researches</i> , 2014, 35, 21-35.	1.2	25
27	Provenance Evolution During Arc-Continent Collision: Sedimentary Petrography of Miocene To Pleistocene Sediments In the Western Foreland Basin of Taiwan. <i>Journal of Sedimentary Research</i> , 2014, 84, 513-528.	1.6	29
28	Heat flow in the rifted continental margin of the South China Sea near Taiwan and its tectonic implications. <i>Journal of Asian Earth Sciences</i> , 2014, 92, 233-244.	2.3	20
29	Numerical assessment of CO <sub>2</sub> geological sequestration in sloping and layered heterogeneous formations: A case study from Taiwan. <i>International Journal of Greenhouse Gas Control</i> , 2014, 20, 168-179.	4.6	23
30	From submarine continental accretion to arc-continent orogenic evolution: The thermal record in southern Taiwan. <i>Geology</i> , 2014, 42, 907-910.	4.4	47
31	Sedimentology and foreland basin paleogeography during Taiwan arc continent collision. <i>Journal of Asian Earth Sciences</i> , 2013, 62, 180-204.	2.3	48
32	Fossil Seed from the Miocene Shihti Formation of Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013, 24, 731.	0.6	1
33	Jurassic Black Shales Facies from Qiangtang Basin (Northern Tibet): Rare Earth and Trace Elements for Paleoceanographic Implications. <i>Acta Geologica Sinica</i> , 2013, 87, 540-554.	1.4	11
34	Paleoceanographic Indicators for Early Cambrian Black Shales from the Yangtze Platform, South China: Evidence from Biomarkers and Carbon Isotopes. <i>Acta Geologica Sinica</i> , 2012, 86, 1143-1153.	1.4	7
35	SEA-LEVEL CHANGES RECORDED BY CERIUM ANOMALIES IN THE LATE JURASSIC (TITHONIAN) BLACK ROCK SERIES OF QIANGTANG BASIN, NORTH-CENTRAL TIBET. <i>Oil Shale</i> , 2012, 29, 18.	1.0	10
36	Structural controls on the formation of BSR over a diapiric anticline from a dense MCS survey offshore southwestern Taiwan. <i>Marine and Petroleum Geology</i> , 2011, 28, 1932-1942.	3.3	21

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37	Sedimentology of early Pliocene sandstones in the south-western Taiwan foreland: Implications for basin physiography in the early stages of collision. <i>Journal of Asian Earth Sciences</i> , 2011, 40, 52-71.	2.3	24
38	Estimation of methane flux offshore SW Taiwan and the influence of tectonics on gas hydrate accumulation. <i>Geofluids</i> , 2010, 10, 497-510.	0.7	48
39	Tectonic features of the incipient arc-continent collision zone of Taiwan: Implications for seismicity. <i>Tectonophysics</i> , 2009, 479, 28-42.	2.2	78
40	Geological controls on BSR occurrences in the incipient arc-continent collision zone off southwest Taiwan. <i>Marine and Petroleum Geology</i> , 2009, 26, 1118-1131.	3.3	71
41	Tectonic features associated with the overriding of an accretionary wedge on top of a rifted continental margin: An example from Taiwan. <i>Marine Geology</i> , 2008, 255, 186-203.	2.1	84
42	Post-collisional collapse in the wake of migrating arc-continent collision in the Ilan Basin, Taiwan. , 2008, , 257-278.		9
43	Link between Crustal Magnetization and Earthquakes in Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008, 19, 445.	0.6	11
44	Fault Zone Resistivity Structure and Monitoring at the Taiwan Chelungpu Drilling Project (TCDP). <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008, 19, 473.	0.6	5
45	Lithostratigraphy of the Taiwan Chelungpu-Fault Drilling Project-A Borehole and Its Neighboring Region, Central Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2007, 18, 223.	0.6	26
46	Resistivity Structures of the Chelungpu Fault in the Taichung Area, Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2006, 17, 547.	0.6	1
47	Cenozoic tectonics of the China continental margin: insights from Taiwan. <i>Geological Society Special Publication</i> , 2004, 226, 313-332.	1.3	42
48	Cenozoic stratigraphy and subsidence history of the South China Sea margin in the Taiwan region. <i>Basin Research</i> , 2003, 15, 453-478.	2.7	335
49	Seismic de-multiple strategy in the submarine slope of Taiwan accretionary wedge. <i>Exploration Geophysics</i> , 0, , 1-16.	1.1	0