

Emmy Tsui-Yu Chang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

234
citations

933447

10
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

326
citing authors

#	ARTICLE	IF	CITATIONS
1	Seafloor secrets revealed. <i>Science</i> , 2014, 346, 32-33.	12.6	39
2	Two-station measurement of Rayleigh-wave phase velocities for the Huatung basin, the westernmost Philippine Sea, with OBS: implications for regional tectonics. <i>Geophysical Journal International</i> , 2009, 179, 1859-1869.	2.4	33
3	Seismic shear wave splitting in upper crust characterized by Taiwan tectonic convergence. <i>Geophysical Journal International</i> , 2009, 177, 1256-1264.	2.4	22
4	New free-air and Bouguer gravity fields of Taiwan from multiple platforms and sensors. <i>Tectonophysics</i> , 2014, 611, 83-93.	2.2	19
5	Gravity recovery from SWOT altimetry using geoid height and geoid gradient. <i>Remote Sensing of Environment</i> , 2021, 265, 112650.	11.0	18
6	Co-seismic surface deformation of the 2011 off the Pacific coast of Tohoku Earthquake: Spatio-temporal EOF analysis of GPS data. <i>Earth, Planets and Space</i> , 2011, 63, 649-654.	2.5	16
7	Analysis of coseismic deformation using EOF method on dense, continuous GPS data in Taiwan. <i>Tectonophysics</i> , 2014, 637, 106-115.	2.2	13
8	Nonseismic Signals in the Ocean: Indicators of Deep Sea and Seafloor Processes on Oceanâ€™Bottom Seismometer Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2019, 20, 3882-3900.	2.5	13
9	Internal tides recorded at ocean bottom off the coast of Southeast Taiwan. <i>Journal of Geophysical Research: Oceans</i> , 2016, 121, 3381-3394.	2.6	12
10	Links among slope morphology, canyon types and tectonics on passive and active margins in the northernmost South China Sea. <i>Journal of Earth Science (Wuhan, China)</i> , 2009, 20, 77-84.	3.2	10
11	What Causes the Commonâ€™Mode Error in Array GPS Displacement Fields: Case Study for Taiwan in Relation to Atmospheric Mass Loading. <i>Earth and Space Science</i> , 2020, 7, e2020EA001159.	2.6	9
12	Earthquake Swarm Recorded by an Ocean Bottom Seismic Array in Southwest Offshore of Taiwan in October, 2005. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2008, 19, 717.	0.6	8
13	Relocating the historical 1951 Hualien earthquake in eastern Taiwan based on tide gauge record. <i>Geophysical Journal International</i> , 2013, 192, 854-860.	2.4	7
14	Vertical crustal motion of active plate convergence in Taiwan derived from tide gauge, altimetry, and GPS data. <i>Tectonophysics</i> , 2012, 578, 98-106.	2.2	6
15	A meteor shockwave event recorded at seismic and infrasound stations in northern Taiwan. <i>Geoscience Letters</i> , 2017, 4, .	3.3	5
16	Anisotropic Rayleigh-wave phase velocity maps of the Sunda Plate. <i>Journal of Asian Earth Sciences</i> , 2020, 187, 104094.	2.3	3