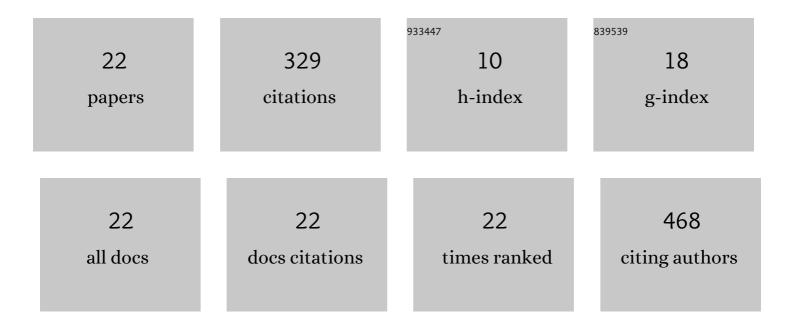
Ping-Yu Chang

List of Publications by Year in descending order

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Ρινς-Υμ Chang

#	Article	IF	CITATIONS
1	Strengthening of paleoâ€ŧyphoon and autumn rainfall in Taiwan corresponding to the Southern Oscillation at late Holocene. Journal of Quaternary Science, 2012, 27, 964-972.	2.1	62
2	Applying FDEM, ERT and GPR at a site with soil contamination: A case study. Journal of Applied Geophysics, 2015, 121, 21-30.	2.1	47
3	An investigation into the debris flow induced by Typhoon Morakot in the Siaolin Area, Southern Taiwan, using the electrical resistivity imaging method. Geophysical Journal International, 2012, 188, 1012-1024.	2.4	26
4	The application of ground penetrating radar attenuation tomography in a vadose zone infiltration experiment. Journal of Contaminant Hydrology, 2004, 71, 67-87.	3.3	25
5	Methane flux from miniseepage in mud volcanoes of SW Taiwan: Comparison with the data from Italy, Romania, and Azerbaijan. Journal of Asian Earth Sciences, 2013, 65, 3-12.	2.3	21
6	Estimating the hydrogeological parameters of an unconfined aquifer with the time-lapse resistivity-imaging method during pumping tests: Case studies at the Pengtsuo and Dajou sites, Taiwan. Journal of Applied Geophysics, 2017, 144, 134-143.	2.1	20
7	A natural analogue for CO2 mineral sequestration in Miocene basalt in the Kuanhsi-Chutung area, Northwestern Taiwan. International Journal of Greenhouse Gas Control, 2011, 5, 1329-1338.	4.6	16
8	Evaluating the Chingshui geothermal reservoir in northeast Taiwan with a 3D integrated geophysical visualization model. Geothermics, 2014, 50, 91-100.	3.4	15
9	Imaging Rainfall Infiltration Processes with the Time-Lapse Electrical Resistivity Imaging Method. Pure and Applied Geophysics, 2016, 173, 2227-2239.	1.9	13
10	Uncertainty of the 2D Resistivity Survey on the Subsurface Cavities. Applied Sciences (Switzerland), 2021, 11, 3143.	2.5	10
11	A review of open software resources in python for electrical resistivity modelling. Geoscience Letters, 2022, 9, .	3.3	10
12	Cross-borehole ground-penetrating radar for monitoring and imaging solute transport within the vadose zone. Water Resources Research, 2006, 42, .	4.2	9
13	Spatial-temporal pattern recognition of groundwater head variations for recharge zone identification. Journal of Hydrology, 2017, 549, 351-362.	5.4	9
14	Using Integrated 2D and 3D Resistivity Imaging Methods for Illustrating the Mud-Fluid Conduits of the Wushanting Mud Volcanoes in Southwestern Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2011, 22, 985.	0.6	8
15	An analysis of the cross-borehole GPR tomography for imaging the development of the infiltrated fluid plume. Journal of Geophysics and Engineering, 2011, 8, 294-307.	1.4	7
16	New Evidence of Regional Geological Structures Inferred from Reprocessing and Resistivity Data Interpretation in the Chingshui-Sanshing-Hanchi Area of Southwestern Ilan County, NE Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2014, 25, 491.	0.6	7
17	Examining lake-bottom structures with the resistivity imaging method in Ilan's Da-Hu Lake in Northeastern Taiwan. Journal of Applied Geophysics, 2015, 119, 170-177.	2.1	7
18	Electrical Resistivity Variations Before and After the Pingtung Earthquake in the Wushanting Mud Volcano Area in Southwestern Taiwan. Journal of Environmental and Engineering Geophysics, 2010, 15, 219-231.	0.5	5

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#	Article	IF	CITATIONS
19	A Graphics Processing Unit Implementation and Optimization for Parallel Double-Difference Seismic Tomography. Bulletin of the Seismological Society of America, 2014, 104, 953-961.	2.3	4
20	Using Time-Lapse Resistivity Imaging Methods to Quantitatively Evaluate the Potential of Groundwater Reservoirs. Water (Switzerland), 2022, 14, 420.	2.7	4
21	Study of diel hydrochemical variation in a volcanic watershed using principal component analysis: Tatun Volcano Group, North Taiwan. Environmental Earth Sciences, 2017, 76, 1.	2.7	3
22	Using the Resistivity Imaging Method to Monitor the Dynamic Effects on the Vadose Zone During Pumping Tests at the Pengtsuo Site in Pingtung, Taiwan. Terrestrial, Atmospheric and Oceanic Sciences, 2016, 27, 059.	0.6	1