

Ping-Yu Chang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2737915/publications.pdf>

Version: 2024-02-01

22
papers

329
citations

933447

10
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

468
citing authors

#	ARTICLE	IF	CITATIONS
1	Strengthening of paleo-typhoon and autumn rainfall in Taiwan corresponding to the Southern Oscillation at late Holocene. <i>Journal of Quaternary Science</i> , 2012, 27, 964-972.	2.1	62
2	Applying FDEM, ERT and GPR at a site with soil contamination: A case study. <i>Journal of Applied Geophysics</i> , 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. <i>Geophysical Journal International</i> , 2012, 188, 1012-1024.	2.4	26
4	The application of ground penetrating radar attenuation tomography in a vadose zone infiltration experiment. <i>Journal of Contaminant Hydrology</i> , 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. <i>Journal of Asian Earth Sciences</i> , 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. <i>Journal of Applied Geophysics</i> , 2017, 144, 134-143.	2.1	20
7	A natural analogue for CO ₂ mineral sequestration in Miocene basalt in the Kuanhsi-Chutung area, Northwestern Taiwan. <i>International Journal of Greenhouse Gas Control</i> , 2011, 5, 1329-1338.	4.6	16
8	Evaluating the Chingshui geothermal reservoir in northeast Taiwan with a 3D integrated geophysical visualization model. <i>Geothermics</i> , 2014, 50, 91-100.	3.4	15
9	Imaging Rainfall Infiltration Processes with the Time-Lapse Electrical Resistivity Imaging Method. <i>Pure and Applied Geophysics</i> , 2016, 173, 2227-2239.	1.9	13
10	Uncertainty of the 2D Resistivity Survey on the Subsurface Cavities. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3143.	2.5	10
11	A review of open software resources in python for electrical resistivity modelling. <i>Geoscience Letters</i> , 2022, 9, .	3.3	10
12	Cross-borehole ground-penetrating radar for monitoring and imaging solute transport within the vadose zone. <i>Water Resources Research</i> , 2006, 42, .	4.2	9
13	Spatial-temporal pattern recognition of groundwater head variations for recharge zone identification. <i>Journal of Hydrology</i> , 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. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2011, 22, 985.	0.6	8
15	An analysis of the cross-borehole GPR tomography for imaging the development of the infiltrated fluid plume. <i>Journal of Geophysics and Engineering</i> , 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. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 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. <i>Journal of Applied Geophysics</i> , 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. <i>Journal of Environmental and Engineering Geophysics</i> , 2010, 15, 219-231.	0.5	5

#	ARTICLE	IF	CITATIONS
19	A Graphics Processing Unit Implementation and Optimization for Parallel Double-Difference Seismic Tomography. <i>Bulletin of the Seismological Society of America</i> , 2014, 104, 953-961.	2.3	4
20	Using Time-Lapse Resistivity Imaging Methods to Quantitatively Evaluate the Potential of Groundwater Reservoirs. <i>Water (Switzerland)</i> , 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. <i>Environmental Earth Sciences</i> , 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. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2016, 27, 059.	0.6	1