

Ching-Chou Fu

List of Publications by Citations

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34
papers

1,022
citations

19
h-index

31
g-index

35
ext. papers

1,120
ext. citations

2.1
avg, IF

3.61
L-index

#	Paper	IF	Citations
34	Variations of soil radon and thoron concentrations in a fault zone and prospective earthquakes in SW Taiwan. <i>Radiation Measurements</i> , 2005 , 40, 496-502	1.5	117
33	Reconnaissance of soil gas composition over the buried fault and fracture zone in southern Taiwan. <i>Geochemical Journal</i> , 2005 , 39, 427-439	0.9	79
32	Composition and exhalation flux of gases from mud volcanoes in Taiwan. <i>Environmental Geology</i> , 2004 , 46, 1003-1011		78
31	Spatial variations of radon and helium concentrations in soil-gas across the Shan-Chiao fault, Northern Taiwan. <i>Radiation Measurements</i> , 2005 , 40, 513-516	1.5	76
30	Soil gas monitoring: A tool for fault delineation studies along Hsinhua Fault (Tainan), Southern Taiwan. <i>Applied Geochemistry</i> , 2010 , 25, 602-607	3.5	71
29	Seismo-Geochemical Variations in SW Taiwan: Multi-Parameter Automatic Gas Monitoring Results. <i>Pure and Applied Geophysics</i> , 2006 , 163, 693-709	2.2	71
28	Gas compositions and helium isotopic ratios of fluid samples around Kueishantao, NE offshore Taiwan and its tectonic implications. <i>Geochemical Journal</i> , 2005 , 39, 469-480	0.9	62
27	Temporal variation of soil gas compositions for earthquake surveillance in Taiwan. <i>Radiation Measurements</i> , 2013 , 50, 154-159	1.5	49
26	Geochemical variation of soil-gas composition for fault trace and earthquake precursory studies along the Hsincheng fault in NW Taiwan. <i>Applied Radiation and Isotopes</i> , 2009 , 67, 1855-63	1.7	46
25	Variations of helium and radon concentrations in soil gases from an active fault zone in southern Taiwan. <i>Radiation Measurements</i> , 2008 , 43, S348-S352	1.5	46
24	Geochemical characteristics of soil radon and carbon dioxide within the Dead Sea Fault and Karasu Fault in the Amik Basin (Hatay), Turkey. <i>Chemical Geology</i> , 2017 , 469, 129-146	4.2	33
23	Origin and interactions of fluids circulating over the Amik Basin (Hatay, Turkey) and relationships with the hydrologic, geologic and tectonic settings. <i>Chemical Geology</i> , 2014 , 388, 23-39	4.2	33
22	Continuous temporal soil-gas composition variations for earthquake precursory studies along Hsincheng and Hsinhua faults in Taiwan. <i>Radiation Measurements</i> , 2009 , 44, 934-939	1.5	31
21	Variations of soil gas composition around the active Chihshang Fault in a plate suture zone, eastern Taiwan. <i>Radiation Measurements</i> , 2009 , 44, 940-944	1.5	31
20	Spatial and temporal anomalies of soil gas in northern Taiwan and its tectonic and seismic implications. <i>Journal of Asian Earth Sciences</i> , 2017 , 149, 64-77	2.8	28
19	Soil radon flux and concentrations in hydrothermal area of the Tatun Volcano Group, Northern Taiwan. <i>Geochemical Journal</i> , 2011 , 45, 483-490	0.9	26
18	Assesment of the response of the meteorological/hydrological parameters on the soil gas radon emission at Hsinchu, northern Taiwan: A prerequisite to identify earthquake precursors. <i>Journal of Asian Earth Sciences</i> , 2017 , 149, 49-63	2.8	23

17	Identifications and removal of diurnal and semidiurnal variations in radon time series data of Hsinhua monitoring station in SW Taiwan using singular spectrum analysis. <i>Natural Hazards</i> , 2015 , 79, 317-330	3	21
16	Exploring the relationship between soil degassing and seismic activity by continuous radon monitoring in the Longitudinal Valley of eastern Taiwan. <i>Chemical Geology</i> , 2017 , 469, 163-175	4.2	19
15	Temporal variation of gamma rays as a possible precursor of earthquake in the Longitudinal Valley of eastern Taiwan. <i>Journal of Asian Earth Sciences</i> , 2015 , 114, 362-372	2.8	19
14	Nitrogen as the carrier gas for helium emission along an active fault in NW Taiwan. <i>Applied Geochemistry</i> , 2010 , 25, 593-601	3.5	18
13	Preseismic anomalies in soil-gas radon associated with 2016 M 6.6 Meinong earthquake, Southern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2017 , 28, 787-798	1.8	13
12	Earth's Outgoing Longwave Radiation Variability Prior to M 8.0 Earthquakes in the Taiwan Area During 2009-2019. <i>Frontiers in Earth Science</i> , 2020 , 8,	3.5	10
11	Gamma Ray and Radon Anomalies in Northern Taiwan as a Possible Preearthquake Indicator around the Plate Boundary. <i>Geofluids</i> , 2019 , 2019, 1-14	1.5	5
10	Soil gas survey in and around Shanchiao fault of northern Taiwan for establishing continuous monitoring station. <i>Acta Geophysica</i> , 2018 , 66, 1213-1221	2.2	4
9	Integrated radon monitoring in Tatun Volcanic Areas of Northern Taiwan. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2018 , 29, 261-273	1.8	3
8	SOIL ²²² Rn CONCENTRATION, CO ₂ AND CH ₄ FLUX MEASUREMENTS AROUND THE JWALAMUKHI AREA OF NORTH-WEST HIMALAYAS, INDIA. <i>Radiation Protection Dosimetry</i> , 2016 , 171, 262-266	0.9	2
7	Continuous Monitoring of Fluid and Gas Geochemistry for Seismic Study in Taiwan. <i>Geophysical Monograph Series</i> , 2018 , 197-218	1.1	2
6	Decomposition of continuous soil-gas radon time series data observed at Dharamshala region of NW Himalayas, India for seismic studies. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021 , 327, 1019-1035	1.5	2
5	Chemical and isotopic features of seepage gas from mud volcanoes in southern margin of the Junggar Basin, NW China. <i>Applied Geochemistry</i> , 2022 , 136, 105145	3.5	1
4	Real-time database for geochemical earthquake precursory research. <i>Natural Hazards</i> , 2020 , 104, 1359-1369	3	1
3	An Automatic System for Continuous Monitoring and Sampling of Groundwater Geochemistry in Earthquake-Prone Regions of SW Taiwan. <i>Frontiers in Earth Science</i> , 2021 , 9,	3.5	1
2	Improved semi automatic approach to count the tracks on LR-115 film for monitoring of radioactive elements. <i>Applied Radiation and Isotopes</i> , 2021 , 176, 109863	1.7	1
1	Radon Monitoring in Artesian Wells at Mato-san Area of South Taiwan for Mud Eruption Studies. <i>Journal of the Geological Society of India</i> , 2021 , 97, 1590-1592	1.3	