

Chieh-Hung Chen

List of Publications by Year in descending order

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43
papers

1,052
citations

471061

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docs citations

51
times ranked

673
citing authors

#	ARTICLE	IF	CITATIONS
1	Resident Waves in the Ionosphere Before the M6.1 Dali and M7.3 Qinghai Earthquakes of 21–22 May 2021. <i>Earth and Space Science</i> , 2022, 9, e2021EA002159.	1.1	14
2	Temperature response to the June 2020 solar eclipse observed by FORMOSAT-7/COSMIC2 in the Tibet sector. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2022, 33, 1.	0.3	2
3	Individual Wave Propagations in Ionosphere and Troposphere Triggered by the Hunga Tonga-Hunga Ha'apai Underwater Volcano Eruption on 15 January 2022. <i>Remote Sensing</i> , 2022, 14, 2179.	1.8	28
4	Wave Steepening in Ionospheric Total Electron Density due to the 21 August 2017 Total Solar Eclipse. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2020JA028931.	0.8	9
5	Magnetic Pulsations Triggered by Microseismic Ground Motion. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021416.	1.4	7
6	Large air pressure changes triggered by P-SV ground motion in a cave in northern Taiwan. <i>Scientific Reports</i> , 2021, 11, 12850.	1.6	3
7	Nighttime Ionosphere Perturbed by the Annular Solar Eclipse on June 21, 2020. <i>Journal of Geophysical Research: Space Physics</i> , 2021, 126, e2021JA029419.	0.8	15
8	Electromagnetic Field Generated by an Earthquake Source Due to Motional Induction in 3D Stratified Media, and Application to 2008 M w 6.1 Qingchuan Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022102.	1.4	2
9	The LAI Coupling Associated with the M6 Luxian Earthquake in China on 16 September 2021. <i>Atmosphere</i> , 2021, 12, 1621.	1.0	7
10	Assessing the Potential Earthquake Precursory Information in ULF Magnetic Data Recorded in Kanto, Japan during 2000–2010: Distance and Magnitude Dependences. <i>Entropy</i> , 2020, 22, 859.	1.1	23
11	Determination of Epicenters before Earthquakes Utilizing Far Seismic and GNSS Data: Insights from Ground Vibrations. <i>Remote Sensing</i> , 2020, 12, 3252.	1.8	14
12	Locating Seismo-Conductivity Anomaly before the 2017 MW 6.5 Jiuzhaigou Earthquake in China Using Far Magnetic Stations. <i>Remote Sensing</i> , 2020, 12, 1777.	1.8	12
13	Unique Pre-Earthquake Deformation Patterns in the Spatial Domains from GPS in Taiwan. <i>Remote Sensing</i> , 2020, 12, 366.	1.8	12
14	Seismo-Deformation Anomalies Associated with the M6.1 Ludian Earthquake on August 3, 2014. <i>Remote Sensing</i> , 2020, 12, 1067.	1.8	5
15	Spatiotemporal changes of seismicity rate during earthquakes. <i>Natural Hazards and Earth System Sciences</i> , 2020, 20, 3333-3341.	1.5	7
16	Co-seismic geomagnetic fluctuations and atmospheric disturbances during the 2018 M 6.2 Hualien Earthquake. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2019, 30, 449-465.	0.3	5
17	Ionospheric Bow Wave Induced by the Moon Shadow Ship Over the Continent of United States on 21 August 2017. <i>Geophysical Research Letters</i> , 2018, 45, 538-544.	1.5	43
18	Determining the precipitable water vapor thresholds under different rainfall strengths in Taiwan. <i>Advances in Space Research</i> , 2018, 61, 941-950.	1.2	20

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19	Artificial magnetic disturbance from the mass rapid transit system in Taiwan. <i>Terra Nova</i> , 2017, 29, 306-311.	0.9	5
20	Evaluation of ULF seismo-magnetic phenomena in Kakioka, Japan by using Molchan's error diagram. <i>Geophysical Journal International</i> , 2017, 208, 482-490.	1.0	48
21	Co-seismic signatures in magnetometer, geophone, and infrasound data during the Meinong Earthquake. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2017, 28, 683-692.	0.3	5
22	Integrated Search for Taiwan Earthquake Precursors (iSTEP). <i>IEEJ Transactions on Fundamentals and Materials</i> , 2016, 136, 214-220.	0.2	9
23	Potential relationships between seismo-deformation and seismo-conductivity anomalies. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 327-337.	1.0	9
24	Further investigations of geomagnetic diurnal variations associated with the 2011 off the Pacific coast of Tohoku earthquake (Mw 9.0). <i>Journal of Asian Earth Sciences</i> , 2015, 114, 321-326.	1.0	63
25	Instantaneous phase shift of annual subsurface temperature cycles derived by the Hilbert-Huang transform. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 1670-1677.	1.2	7
26	Evaluating the March 27, 2013 M 6.2 Earthquake Hypocenter Using Momentary High-Conductivity Materials. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2015, 26, 1.	0.3	6
27	Groundwater strain coupling before the 1999 M w 7.6 Taiwan Chi-Chi earthquake. <i>Journal of Hydrology</i> , 2015, 524, 378-384.	2.3	40
28	Multiple seismo-anomalies associated with the M6.1 Ludian earthquake on August 3, 2014. <i>Journal of Asian Earth Sciences</i> , 2015, 114, 352-361.	1.0	8
29	Typhoon-Induced Magnetic Disturbances: Cases in the Western Pacific. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2014, 25, 647.	0.3	4
30	Surface displacements in Japan before the 11 March 2011 M9.0 Tohoku-Oki earthquake. <i>Journal of Asian Earth Sciences</i> , 2014, 80, 165-171.	1.0	29
31	Statistical analysis of ULF seismomagnetic phenomena at Kakioka, Japan, during 2001-2010. <i>Journal of Geophysical Research: Space Physics</i> , 2014, 119, 4998-5011.	0.8	97
32	Investigation of ULF Seismo-Magnetic Phenomena in Kanto, Japan During 2000-2010: Case Studies and Statistical Studies. <i>Surveys in Geophysics</i> , 2013, 34, 293-316.	2.1	74
33	Observation of surface displacements from GPS analyses before and after the Jiashian earthquake (M=) Tj ETQq1 1 0,784314,rgBT /Over	1.0	29
34	Anomalous frequency characteristics of groundwater level before major earthquakes in Taiwan. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1693-1703.	1.9	30
35	Evaluation of seismo-electric anomalies using magnetic data in Taiwan. <i>Natural Hazards and Earth System Sciences</i> , 2013, 13, 597-604.	1.5	28
36	Azimuthal propagation of seismo-magnetic signals from large earthquakes in Taiwan. <i>Annals of Geophysics</i> , 2012, 55, .	0.5	2

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37	Ionospheric disturbances triggered by the 11 March 2011 <i>M</i> _w 9.0 Tohoku earthquake. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	173
38	Surface Deformation and Seismic Rebound: Implications and Applications. <i>Surveys in Geophysics</i> , 2011, 32, 291-313.	2.1	42
39	Pre-seismic geomagnetic anomaly and earthquake location. <i>Tectonophysics</i> , 2010, 489, 240-247.	0.9	32
40	Evaluation of the Applicability of the Chapman-Miller Method on Variation of the Geomagnetic Total Intensity Field in Taiwan from 1988 to 2007. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2009, 20, 799.	0.3	7
41	Geomagnetic fluctuations during the 1999 Chi-Chi earthquake in Taiwan. <i>Earth, Planets and Space</i> , 2004, 56, 39-45.	0.9	58
42	Frequency anomaly of groundwater level before major earthquakes in Taiwan. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 372, 101-104.	1.0	3
43	A New Instrumental Array in Sichuan, China, to Monitor Vibrations and Perturbations of the Lithosphere, Atmosphere, and Ionosphere. <i>Surveys in Geophysics</i> , 0, , 1.	2.1	19