Tanja Petersen

List of Publications by Year
in descending order

17	484	759233 12	888059 17
papers	citations	h-index	g-index

17	17	17	555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The New Zealand National Seismograph Network. Seismological Research Letters, 2011, 82, 9-20.	1.9	72
2	Longâ€Lasting Geomagnetically Induced Currents and Harmonic Distortion Observed in New Zealand During the 7â€“8 September 2017 Disturbed Period. Space Weather, 2018, 16, 704-717.	3.7	48
3	Swarms of repeating long-period earthquakes at Shishaldin Volcano, Alaska, 2001â€“2004. Journal of Volcanology and Geothermal Research, 2007, 166, 177-192.	2.1	44
4	Longâ€Term Geomagnetically Induced Current Observations From New Zealand: Peak Current Estimates for Extreme Geomagnetic Storms. Space Weather, 2017, 15, 1447-1460.	3.7	44
5	Longâ€term geomagnetically induced current observations in New Zealand: Earth return corrections and geomagnetic field driver. Space Weather, 2017, 15, 1020-1038.	3.7	43
6	Seismo-acoustic signals associated with degassing explosions recorded at Shishaldin Volcano, Alaska, 2003â€“2004. Bulletin of Volcanology, 2007, 69, 527-536.	3.0	35
7	Sustained long-period seismicity at Shishaldin Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2006, 151, 365-381.	2.1	31
8	Local infrasound observations of large ash explosions at Augustine Volcano, Alaska, during January 11â€“28, 2006. Geophysical Research Letters, 2006, 33, .	4.0	30
9	Repeating coupled earthquakes at Shishaldin Volcano, Alaska. Journal of Volcanology and Geothermal Research, 2005, 145, 151-172.	2.1	29
10	Assessment of GIC Based On Transfer Function Analysis. Space Weather, 2017, 15, 1615-1627.	3.7	24
11	Resonance structure and mode transition of quarterâ€wave ULF pulsations around the dawn terminator. Journal of Geophysical Research: Space Physics, 2015, 120, 4194-4212.	2.4	21
12	Geomagnetically Induced Currents and Harmonic Distortion: Stormâ€Time Observations From New Zealand. Space Weather, 2020, 18, e2019SW002387.	3.7	19
13	Calculation of GIC in the North Island of New Zealand Using MT Data and Thinâ€Sheet Modeling. Space Weather, 2020, 18, e2020SW002580.	3.7	12
14	Fifteen days of continuous activity survey at Stromboli volcano, Italy, in late September 2000: Doppler radar, seismicity, infrared, soil humidity, and mapping of the crater region. International Journal of Earth Sciences, 2002, 91, 712-722.	1.8	11
15	Geomagnetically Induced Current Model in New Zealand Across Multiple Disturbances: Validation and Extension to Nonâ€Monitored Transformers. Space Weather, 2022, 20, .	3.7	11
16	High b-values in the leaky segment of the TjÃ¶rnes Fracture Zone north of Iceland: are they evidence for shallow magmatic heat sources?. Journal of Volcanology and Geothermal Research, 2003, 128, 15-29.	2.1	7
17	The Correspondence Between Sudden Commencements and Geomagnetically Induced Currents: Insights From New Zealand. Space Weather, 2022, 20, .	3.7	3