Ting Wang

List of Publications by Year
in descending order

31 papers	628 citations	623574 14 h-index	610775 24 g-index
33 all docs	33 docs citations	33 times ranked	1015 citing authors

#	Article	IF	Citations
1	Forecasting Eruptions at Poorly Known Volcanoes Using Analogs and Multivariate Renewal Processes. Geophysical Research Letters, 2022, 49, .	1.5	2
2	Acceleration of hidden Markov model fitting using graphical processing units, with application to low-frequency tremor classification. Computers and Geosciences, 2021, 156, 104902.	2.0	1
3	Bayesian Modelling of Marked Point Processes with Incomplete Records: Volcanic Eruptions. Journal of the Royal Statistical Society Series C: Applied Statistics, 2020, 69, 109-130.	0.5	6
4	Periodicity and Clustering in the Long‐Term Earthquake Record. Geophysical Research Letters, 2020, 47, e2020GL089272.	1.5	25
5	Model Checking for Hidden Markov Models. Journal of Computational and Graphical Statistics, 2020, 29, 859-874.	0.9	7
6	Generation of air lubrication within pyroclastic density currents. Nature Geoscience, 2019, 12, 381-386.	5.4	41
7	Systematic review of olfactory shifts related to obesity. Obesity Reviews, 2019, 20, 325-338.	3.1	81
8	Modeling continuous time series with many zeros and an application to earthquakes. Environmetrics, 2018, 29, e2500.	0.6	6
9	Identifying the Recurrence Patterns of Nonvolcanic Tremors Using a 2‐D Hidden Markov Model With Extra Zeros. Journal of Geophysical Research: Solid Earth, 2018, 123, 6802-6825.	1.4	9
10	National-level long-term eruption forecasts by expert elicitation. Bulletin of Volcanology, 2018, 80, 1.	1.1	23
11	Data completeness of the Kumamoto earthquake sequence in the JMA catalog and its influence on the estimation of the ETAS parameters. Earth, Planets and Space, 2017, 69, .	0.9	51
12	Hidden Markov Modelling of Sparse Time Series from Non-Volcanic Tremor Observations. Journal of the Royal Statistical Society Series C: Applied Statistics, 2017, 66, 691-715.	0.5	9
13	Conceptual Development of a National Volcanic Hazard Model for New Zealand. Frontiers in Earth Science, 2017, 5, .	0.8	3
14	Geographic variation in psychotropic drug utilisation among older people in <scp>N</scp>ew <scp>Z</scp>ealand. Australasian Journal on Ageing, 2016, 35, 242-248.	0.4	3
15	Damaged beyond repair? Characterising the damage zone of a fault late in its interseismic cycle, the Alpine Fault, New Zealand. Journal of Structural Geology, 2016, 90, 76-94.	1.0	28
16	Optimal likelihood-based matching of volcanic sources and deposits in the Auckland Volcanic Field. Journal of Volcanology and Geothermal Research, 2016, 323, 194-208.	0.8	7
17	Quality use of antipsychotic medicines inresidential aged care facilities in New Zealand. Journal of Primary Health Care, 2016, 8, 335.	0.2	2
18	How many explosive eruptions are missing from the geologic record? Analysis of the quaternary record of large magnitude explosive eruptions in Japan. Journal of Applied Volcanology, 2015, 4, .	0.7	39

#	Article	IF	Citations
19	A global carbon assimilation system based on a dual optimization method. Biogeosciences, 2015, 12, 1131-1150.	1.3	4
20	Identifying multiple eruption phases from a compound tephra blanket: an example of the AD1256 Al-Madinah eruption, Saudi Arabia. Bulletin of Volcanology, 2015, 77, 1.	1.1	27
21	Psychotropic Medicine Utilization in Older People in New Zealand from 2005 to 2013. Drugs and Aging, 2014, 31, 755-768.	1.3	21
22	Associations of drug burden index with falls, general practitioner visits, and mortality in older people. Pharmacoepidemiology and Drug Safety, 2014, 23, 753-758.	0.9	110
23	Applying a dual optimization method to quantify carbon fluxes: recent progress in carbon flux inversion. Science Bulletin, 2014, 59, 222-226.	1.7	4
24	Robust Estimation for the Weibull Process Applied to Eruption Records. Mathematical Geosciences, 2013, 45, 851-872.	1.4	5
25	Modeling thickness variability in tephra deposition. Bulletin of Volcanology, 2013, 75, 1.	1.1	16
26	Identifying anomalous signals in GPS data using HMMs: An increased likelihood of earthquakes?. Computational Statistics and Data Analysis, 2013, 58, 27-44.	0.7	11
27	Assessing the potential improvement in short-term earthquake forecasts from incorporation of GPS data. Geophysical Research Letters, 2013, 40, 2631-2635.	1.5	23
28	Estimating the likelihood of an eruption from a volcano with missing onsets in its record. Journal of Volcanology and Geothermal Research, 2012, 243-244, 14-23.	0.8	20
29	Markov-modulated Hawkes process with stepwise decay. Annals of the Institute of Statistical Mathematics, 2012, 64, 521-544.	0.5	23
30	Extracting Coseismic Signals from Groundwater Level. Mathematical Geosciences, 2011, 43, 799-817.	1.4	1
31	On Weighted Randomly Trimmed Means. Journal of Systems Science and Complexity, 2007, 20, 47-65.	1.6	18