Yosihiko Ogata

List of Publications by Year in descending order

46 papers	5,097 citations	218677 26 h-index	243625 44 g-index
47 all docs	47 docs citations	47 times ranked	1924 citing authors

#	Article	IF	Citations
1	Prediction and validation of short-to-long-term earthquake probabilities in inland Japan using the hierarchical spaceâ€“time ETAS and spaceâ€“time Poisson process models. Earth, Planets and Space, 2022, 74, .	2.5	4
2	Wide-area seismicity anomalies before the 2011 Tohokuâ€“Oki earthquake. Geophysical Journal International, 2020, 223, 1304-1312.	2.4	0
3	Modeling and Forecasting Aftershocks Can Be Improved by Incorporating Rupture Geometry in the ETAS Model. Geophysical Research Letters, 2019, 46, 12881-12889.	4.0	6
4	Forecasting the magnitude of the largest expected earthquake. Nature Communications, 2019, 10, 4051.	12.8	46
5	Implementation of a Realâ€Time System for Automatic Aftershock Forecasting in Japan. Seismological Research Letters, 2019, 90, 242-250.	1.9	21
6	High-resolution 3D earthquake forecasting beneath the greater Tokyo area. Earth, Planets and Space, 2019, 71, .	2.5	7
7	Constraining the magnitude of the largest event in a foreshockâ€“mainshockâ€“aftershock sequence. Geophysical Journal International, 2018, 212, 1-13.	2.4	19
8	Exploring Magnitude Forecasting of the Next Earthquake. Seismological Research Letters, 2018, 89, 1298-1304.	1.9	11
9	Forecasting of a Large Earthquake: An Outlook of the Research. Seismological Research Letters, 2017, 88, 1117-1126.	1.9	7
10	Statistics of Earthquake Activity: Models and Methods for Earthquake Predictability Studies. Annual Review of Earth and Planetary Sciences, 2017, 45, 497-527.	11.0	38
11	Automatic Aftershock Forecasting: A Test Using Realâ€Time Seismicity Data in Japan. Bulletin of the Seismological Society of America, 2016, 106, 2450-2458.	2.3	28
12	Intermediateâ€term forecasting of aftershocks from an early aftershock sequence: Bayesian and ensemble forecasting approaches. Journal of Geophysical Research: Solid Earth, 2015, 120, 2561-2578.	3.4	40
13	Spaceâ€time model for repeating earthquakes and analysis of recurrence intervals on the San Andreas Fault near Parkfield, California. Journal of Geophysical Research: Solid Earth, 2014, 119, 7092-7122.	3.4	10
14	Estimating the ETAS model from an early aftershock sequence. Geophysical Research Letters, 2014, 41, 850-857.	4.0	46
15	Forecasting large aftershocks within one day after the main shock. Scientific Reports, 2013, 3, 2218.	3.3	75
16	Quantitative description of induced seismic activity before and after the 2011 Tohokuâ€Oki earthquake by nonstationary ETAS models. Journal of Geophysical Research: Solid Earth, 2013, 118, 6165-6182.	3.4	34
17	Significant improvements of the space-time ETAS model for forecasting of accurate baseline seismicity. Earth, Planets and Space, 2011, 63, 217-229.	2.5	97
18	Space-time heterogeneity in aftershock activity. Geophysical Journal International, 2010, , no-no.	2.4	7

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19	Bridging great earthquake doublets through silent slip: Onâ€•and offâ€fault aftershocks of the 2006 Kuril Island subduction earthquake toggled by a slow slip on the outer rise normal fault of the 2007 great earthquake. Journal of Geophysical Research, 2010, 115, .	3.3	14
20	Precursory seismic anomalies and transient crustal deformation prior to the 2008 M_w = 6.9 Iwateâ€Miyagi Nairiku, Japan, earthquake. Journal of Geophysical Research, 2010, 115, .	3.3	26
21	Differences between spontaneous and triggered earthquakes: Their influences on foreshock probabilities. Journal of Geophysical Research, 2008, 113, .	3.3	44
22	Seismicity and geodetic anomalies in a wide area preceding the Niigataâ€Kenâ€Chuetsu earthquake of 23 October 2004, central Japan. Journal of Geophysical Research, 2007, 112, .	3.3	40
23	Monitoring of anomaly in the aftershock sequence of the 2005 earthquake of M7.0 off coast of the western Fukuoka, Japan, by the ETAS model. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	24
24	Immediate and updated forecasting of aftershock hazard. Geophysical Research Letters, 2006, 33, n/a-n/a.	4.0	69
25	Spaceâ€“time ETAS models and an improved extension. Tectonophysics, 2006, 413, 13-23.	2.2	241
26	Preliminary Analysis of Observations on the Ultra-Low Frequency Electric Field in the Beijing Region. Pure and Applied Geophysics, 2005, 162, 1367-1396.	1.9	33
27	A study on the background and clustering seismicity in the Taiwan region by using point process models. Journal of Geophysical Research, 2005, 110, .	3.3	114
28	Detection of anomalous seismicity as a stress change sensor. Journal of Geophysical Research, 2005, 110, .	3.3	76
29	Detecting fluid signals in seismicity data through statistical earthquake modeling. Journal of Geophysical Research, 2005, 110, .	3.3	232
30	Synchronous seismicity changes in and around the northern Japan preceding the 2003 Tokachi-oki earthquake ofM8.0. Journal of Geophysical Research, 2005, 110, .	3.3	25
31	Space-time model for regional seismicity and detection of crustal stress changes. Journal of Geophysical Research, 2004, 109, .	3.3	73
32	Seismicity quiescence and activation in western Japan associated with the 1944 and 1946 great earthquakes near the Nankai trough. Journal of Geophysical Research, 2004, 109, .	3.3	17
33	Analyzing earthquake clustering features by using stochastic reconstruction. Journal of Geophysical Research, 2004, 109, .	3.3	248
34	Modelling heterogeneous space-time occurrences of earthquakes and its residual analysis. Journal of the Royal Statistical Society Series C: Applied Statistics, 2003, 52, 499-509.	1.0	57
35	When and where the aftershock activity was depressed: Contrasting decay patterns of the proximate large earthquakes in southern California. Journal of Geophysical Research, 2003, 108, .	3.3	71
36	Stochastic Declustering of Space-Time Earthquake Occurrences. Journal of the American Statistical Association, 2002, 97, 369-380.	3.1	548

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37	Slip-size-dependent renewal processes and Bayesian inferences for uncertainties. Journal of Geophysical Research, 2002, 107, ESE 1-1-ESE 1-14.	3.3	16
38	Exploratory analysis of earthquake clusters by likelihood-based trigger models. Journal of Applied Probability, 2001, 38, 202-212.	0.7	18
39	Comparison of Two Methods for Calculating the Partition Functions of Various Spatial Statistical Models. Australian and New Zealand Journal of Statistics, 2001, 43, 47-65.	0.9	12
40	Exploratory analysis of earthquake clusters by likelihood-based trigger models. Journal of Applied Probability, 2001, 38, 202-212.	0.7	18
41	Empirical Bayes Age-Period-Cohort Analysis of Retrospective Incidence Data. Scandinavian Journal of Statistics, 2000, 27, 415-432.	1.4	38
42	Improvements of the Maximum Pseudo-Likelihood Estimators in Various Spatial Statistical Models. Journal of Computational and Graphical Statistics, 1999, 8, 510-530.	1.7	34
43	Space-Time Point-Process Models for Earthquake Occurrences. Annals of the Institute of Statistical Mathematics, 1998, 50, 379-402.	0.8	873
44	Quiescence Relative to the ETAS Model. Zisin (Journal of the Seismological Society of Japan 2nd Ser), 1998, 50, 115-127.	0.2	0
45	Statistical Models for Earthquake Occurrences and Residual Analysis for Point Processes. Journal of the American Statistical Association, 1988, 83, 9-27.	3.1	1,603
46	Likelihood Analysis of Spatial Point Patterns. Journal of the Royal Statistical Society Series B: Methodological, 1984, 46, 496-518.	0.7	37