

# Kristy F Tiampo

## List of Publications by Year in descending order

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Version: 2024-02-01

168  
papers

3,963  
citations

117625

34  
h-index

155660

55  
g-index

183  
all docs

183  
docs citations

183  
times ranked

2778  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of large tsunamigenic landslides and their effects using digital surface models: A case study from Taan Fiord, Alaska. <i>Remote Sensing of Environment</i> , 2022, 270, 112881.	11.0	1
2	Integration of DInSAR Time Series and GNSS Data for Continuous Volcanic Deformation Monitoring and Eruption Early Warning Applications. <i>Remote Sensing</i> , 2022, 14, 784.	4.0	8
3	Thank You to Our 2021 Reviewers. <i>Earth and Space Science</i> , 2022, 9, .	2.6	0
4	Detection of Flood Extent Using Sentinel-1A/B Synthetic Aperture Radar: An Application for Hurricane Harvey, Houston, TX. <i>Remote Sensing</i> , 2022, 14, 2261.	4.0	7
5	Accuracy, Efficiency, and Transferability of a Deep Learning Model for Mapping Retrogressive Thaw Slumps across the Canadian Arctic. <i>Remote Sensing</i> , 2022, 14, 2747.	4.0	9
6	Detection of volcanic unrest onset in La Palma, Canary Islands, evolution and implications. <i>Scientific Reports</i> , 2021, 11, 2540.	3.3	31
7	Improved Real-Time Natural Hazard Monitoring Using Automated DInSAR Time Series. <i>Remote Sensing</i> , 2021, 13, 867.	4.0	2
8	Leveraging time series analysis of radar coherence and normalized difference vegetation index ratios to characterize pre-failure activity of the Mud Creek landslide, California. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 629-642.	3.6	12
9	Tidal Influence on Seismic Activity During the 2011–2013 El Hierro Volcanic Unrest. <i>Tectonics</i> , 2021, 40, e2020TC006201.	2.8	7
10	Thank You to Our 2020 Reviewers. <i>Earth and Space Science</i> , 2021, 8, e2021EA001735.	2.6	0
11	Changing the Culture of Fieldwork in the Geosciences. <i>Eos</i> , 2021, 102, .	0.1	11
12	SAR-derived flow velocity and its link to glacier surface elevation change and mass balance. <i>Remote Sensing of Environment</i> , 2021, 258, 112343.	11.0	16
13	A multi-sensor evaluation of precipitation uncertainty for landslide-triggering storm events. <i>Hydrological Processes</i> , 2021, 35, e14260.	2.6	3
14	Measuring the state and temporal evolution of glaciers in Alaska and Yukon using synthetic-aperture-radar-derived (SAR-derived) 3D time series of glacier surface flow. <i>Cryosphere</i> , 2021, 15, 4221-4239.	3.9	11
15	3D multi-source model of elastic volcanic ground deformation. <i>Earth and Planetary Science Letters</i> , 2020, 547, 116445.	4.4	12
16	Thank You to Our 2019 Reviewers. <i>Earth and Space Science</i> , 2020, 7, e2020EA001195.	2.6	0
17	What drives large-scale glacier detachments? Insights from Flat Creek glacier, St. Elias Mountains, Alaska. <i>Geology</i> , 2020, 48, 703-707.	4.4	38
18	Modelling the elevation-dependent seasonal amplitude of tropospheric delays in GPS time-series using DInSAR and meteorological data. <i>Geophysical Journal International</i> , 2019, 216, 676-691.	2.4	4

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19	Insights into seismic hazard from big data analysis of ground motion simulations. International Journal of Safety and Security Engineering, 2019, 9, 01-12.	1.0	1
20	Probability Gain From Seismicity-Based Earthquake Models. , 2018, , 175-192.		1
21	Big Data Challenges and Hazards Modeling. , 2018, , 193-210.		4
22	Hazard Implications of the 2016 Mw 5.0 Cushing, OK Earthquake from a Joint Analysis of Damage and InSAR Data. Remote Sensing, 2018, 10, 1715.	4.0	16
23	Modeling the two- and three-dimensional displacement field in Lorca, Spain, subsidence and the global implications. Scientific Reports, 2018, 8, 14782.	3.3	42
24	Real-Time Earthquake Intensity Estimation Using Streaming Data Analysis of Social and Physical Sensors. Pageoph Topical Volumes, 2018, , 137-155.	0.2	1
25	GPS coordinate time series measurements in Ontario and Quebec, Canada. Journal of Geodesy, 2017, 91, 653-683.	3.6	6
26	The Predictive Relationship between Earthquake Intensity and Tweets Rate for Real-Time Ground Motion Estimation. Seismological Research Letters, 2017, 88, 840-850.	1.9	14
27	Multidimensional Small Baseline Subset (MSBAS) for volcano monitoring in two dimensions: Opportunities and challenges. Case study Piton de la Fournaise volcano. Journal of Volcanology and Geothermal Research, 2017, 344, 121-138.	2.1	26
28	Real-Time Earthquake Intensity Estimation Using Streaming Data Analysis of Social and Physical Sensors. Pure and Applied Geophysics, 2017, 174, 2331-2349.	1.9	19
29	Principal component analysis of MSBAS DInSAR time series from Campi Flegrei, Italy. Journal of Volcanology and Geothermal Research, 2017, 344, 139-153.	2.1	12
30	Quantitative Analysis of Seismicity in Iran. Pure and Applied Geophysics, 2017, 174, 793-833.	1.9	35
31	Statistical Mechanics Perspective on Earthquakes. Understanding Complex Systems, 2017, , 1-18.	0.6	1
32	Monitoring of urban subsidence in coastal cities: Case studies Vancouver and Seattle. , 2016, , .		0
33	Hydraulic Fracturing and Seismicity in the Western Canada Sedimentary Basin. Seismological Research Letters, 2016, 87, 631-647.	1.9	329
34	Fast subsidence in downtown of Seattle observed with satellite radar. Remote Sensing Applications: Society and Environment, 2016, 4, 179-187.	1.5	12
35	Surface uplift and time-dependent seismic hazard due to fluid injection in eastern Texas. Science, 2016, 353, 1416-1419.	12.6	127
36	Towards sub-lithospheric stress determination from seismic Moho, topographic heights and GOCE data. Journal of Asian Earth Sciences, 2016, 129, 1-12.	2.3	6

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37	Earthquake forecasting and its verification in northeast India. <i>Geomatics, Natural Hazards and Risk</i> , 2016, 7, 194-214.	4.3	12
38	A Pipelining Implementation for High Resolution Seismic Hazard Maps Production. <i>Procedia Computer Science</i> , 2015, 51, 1473-1482.	2.0	2
39	Foreshock and Aftershocks in Simple Earthquake Models. <i>Physical Review Letters</i> , 2015, 114, 088501.	7.8	11
40	Scenario shakemaps for Montreal. <i>Canadian Journal of Civil Engineering</i> , 2015, 42, 463-476.	1.3	7
41	Shallow Hydrothermal Pressurization before the 2010 Eruption of Mount Sinabung Volcano, Indonesia, Observed by use of ALOS Satellite Radar Interferometry. <i>Pure and Applied Geophysics</i> , 2015, 172, 3229-3245.	1.9	10
42	Short-Term Surface Deformation on the Northern Hayward Fault, CA, and Nearby Landslides Using Polarimetric SAR Interferometry (PolInSAR). <i>Pure and Applied Geophysics</i> , 2015, 172, 2179-2193.	1.9	5
43	Magnitude Estimation for the 2011 Tohoku-Oki Earthquake Based on Ground Motion Prediction Equations. <i>Pure and Applied Geophysics</i> , 2015, 172, 2139-2155.	1.9	0
44	Spatial Heterogeneity in Earthquake Fault-Like Systems. <i>Pure and Applied Geophysics</i> , 2015, 172, 2167-2177.	1.9	3
45	Modeling of fast ground subsidence observed in southern Saskatchewan (Canada) during 2008â€“2011. <i>Natural Hazards and Earth System Sciences</i> , 2014, 14, 247-257.	3.6	35
46	Detailed multidisciplinary monitoring reveals pre- and co-eruptive signals at Nyamulagira volcano (North Kivu, Democratic Republic of Congo). <i>Bulletin of Volcanology</i> , 2014, 76, 1.	3.0	31
47	Spatiotemporal analysis and interpretation of 1993â€“2013 ground deformation at Campi Flegrei, Italy, observed by advanced DInSAR. <i>Geophysical Research Letters</i> , 2014, 41, 6101-6108.	4.0	37
48	Rapidly accelerating subsidence in the Greater Vancouver region from two decades of ERS-ENVISAT-RADARSAT-2 DInSAR measurements. <i>Remote Sensing of Environment</i> , 2014, 143, 180-191.	11.0	98
49	Removal of systematic seasonal atmospheric signal from interferometric synthetic aperture radar ground deformation time series. <i>Geophysical Research Letters</i> , 2014, 41, 6123-6130.	4.0	36
50	Spatiotemporal Analysis of Ground Deformation at Campi Flegrei and Mt Vesuvius, Italy, Observed by Envisat and Radarsat-2 InSAR During 2003â€“2013. <i>Lecture Notes in Earth System Sciences</i> , 2014, , 377-382.	0.6	3
51	Preface for â€œEarthquake Hazard Evaluationâ€• <i>Pure and Applied Geophysics</i> , 2013, 170, 1-2.	1.9	10
52	Optimization of Seismicity-Based Forecasts. <i>Pure and Applied Geophysics</i> , 2013, 170, 139-154.	1.9	8
53	Effects of Location Errors in Pattern Informatics. <i>Pure and Applied Geophysics</i> , 2013, 170, 185-196.	1.9	7
54	Using Borehole Records to Estimate Magnitude for Earthquake and Tsunami Early-Warning Systems. <i>Bulletin of the Seismological Society of America</i> , 2013, 103, 2216-2226.	2.3	3

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55	Magma storage and migration associated with the 2011–2012 El Hierro eruption: Implications for crustal magmatic systems at oceanic island volcanoes. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 4361-4377.	3.4	83
56	Nyamulagira's magma plumbing system inferred from 15 years of InSAR. <i>Geological Society Special Publication</i> , 2013, 380, 39-65.	1.3	35
57	Results for aseismic creep on the Hayward fault using polarization persistent scatterer InSAR. <i>Earth and Planetary Science Letters</i> , 2013, 367, 157-165.	4.4	8
58	Multibaseline PolInSAR Using RADARSAT-2 Quad-Pol Data: Improvements in Interferometric Phase Analysis. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 1280-1284.	3.1	8
59	Spatio-temporal analysis of ground deformation occurring near Rice Lake, Saskatchewan, and observed by Radarsat-2 DInSAR during 2008–2011. <i>Canadian Journal of Remote Sensing</i> , 2013, 39, 27-33.	2.4	20
60	Scaling of earthquake models with inhomogeneous stress dissipation. <i>Physical Review E</i> , 2013, 87, 022809.	2.1	10
61	Record-breaking avalanches in driven threshold systems. <i>Physical Review E</i> , 2013, 87, 052811.	2.1	19
62	A correlation based stochastic partitioning algorithm for accurate cluster analysis. <i>International Journal of Signal and Imaging Systems Engineering</i> , 2013, 6, 52.	0.6	4
63	A tri-stage cluster identification model for accurate analysis of seismic catalogs. <i>Nonlinear Processes in Geophysics</i> , 2013, 20, 143-162.	1.3	15
64	Determinación geodésica del deslizamiento de falla para el terremoto de Lorca del 11 de Mayo de 2011 usando interferometría radar y GPS. <i>Física De La Tierra</i> , 2013, 24, .	0.1	0
65	Probabilities for large events in driven threshold systems. <i>Physical Review E</i> , 2012, 86, 021106.	2.1	38
66	The 2011 Lorca earthquake slip distribution controlled by groundwater crustal unloading. <i>Nature Geoscience</i> , 2012, 5, 821-825.	12.9	123
67	Characterizing Large Events and Scaling in Earthquake Models With Inhomogeneous Damage. <i>Geophysical Monograph Series</i> , 2012, , 41-54.	0.1	2
68	Anomalous statistics of aftershock sequences generated by supershear ruptures. <i>Research in Geophysics</i> , 2012, 2, 6.	0.7	2
69	An Elliptical Model for Deformation Due to Groundwater Fluctuations. <i>Pure and Applied Geophysics</i> , 2012, 169, 1443-1456.	1.9	4
70	Identification of Glacial Isostatic Adjustment in Eastern Canada Using S Transform Filtering of GPS Observations. <i>Pure and Applied Geophysics</i> , 2012, 169, 1507-1517.	1.9	11
71	Analysis of GPS Measurements in Eastern Canada Using Principal Component Analysis. <i>Pure and Applied Geophysics</i> , 2012, 169, 1483-1506.	1.9	19
72	Seismicity-based earthquake forecasting techniques: Ten years of progress. <i>Tectonophysics</i> , 2012, 522-523, 89-121.	2.2	79

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73	Ground deformation in the Taupo Volcanic Zone, New Zealand, observed by ALOS PALSAR interferometry. <i>Geophysical Journal International</i> , 2011, 187, 147-160.	2.4	32
74	Earthquake precursors: activation or quiescence?. <i>Geophysical Journal International</i> , 2011, 187, 225-236.	2.4	34
75	Polarization Phase Difference Analysis for Selection of Persistent Scatterers in SAR Interferometry. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011, 8, 331-335.	3.1	22
76	A simultaneous inversion for deformation rates and topographic errors of DInSAR data utilizing linear least square inversion technique. <i>Computers and Geosciences</i> , 2011, 37, 1083-1091.	4.2	73
77	The trinomial Fourier transform of color images. <i>Signal Processing</i> , 2011, 91, 1887-1900.	3.7	18
78	Enhancement of the frequency resolution of the S-transform using the fourier transform. , 2011, , .		1
79	The spatial and temporal subsidence variability of the East Mesa Geothermal Field, California, USA, and its potential impact on the All American Canal System. <i>International Journal of Remote Sensing</i> , 2011, 32, 3427-3449.	2.9	8
80	New Approach to Gutenberg-Richter Scaling. <i>Physical Review Letters</i> , 2011, 106, 108501.	7.8	23
81	The effect of scattering processes on high frequency ground penetrating radar surveys on impact melt breccia - Early results from an arctic field campaign at the Haughton impact structure, Devon Island, Canada. , 2011, , .		0
82	Results of the Regional Earthquake Likelihood Models (RELM) test of earthquake forecasts in California. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16533-16538.	7.1	37
83	Large-scale numerical simulations of earthquake fault systems: illuminating the role of dilatational gravity in earthquake nucleation. <i>Concurrency Computation Practice and Experience</i> , 2010, 22, 1644-1652.	2.2	2
84	Pattern informatics approach to earthquake forecasting in 3D. <i>Concurrency Computation Practice and Experience</i> , 2010, 22, 1569-1592.	2.2	13
85	Forecasting the Locations of Future Large Earthquakes: An Analysis and Verification. <i>Pure and Applied Geophysics</i> , 2010, 167, 743-749.	1.9	21
86	Ergodicity and Earthquake Catalogs: Forecast Testing and Resulting Implications. <i>Pure and Applied Geophysics</i> , 2010, 167, 763-782.	1.9	15
87	Space- and Time-Dependent Probabilities for Earthquake Fault Systems from Numerical Simulations: Feasibility Study and First Results. <i>Pure and Applied Geophysics</i> , 2010, 167, 967-977.	1.9	7
88	Local quaternion Fourier transform and color image texture analysis. <i>Signal Processing</i> , 2010, 90, 1825-1835.	3.7	52
89	A simple metric to quantify seismicity clustering. <i>Nonlinear Processes in Geophysics</i> , 2010, 17, 293-302.	1.3	13
90	Inverting for source parameters using a genetic algorithm applied to deformation signals observed at the Auckland Volcanic Field. <i>Canadian Journal of Remote Sensing</i> , 2010, 36, S266-S273.	2.4	2

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91	Time series analysis of subsidence at Tauhara and Ohaaki geothermal fields, New Zealand, observed by ALOS PALSAR interferometry during 2007–2009. <i>Canadian Journal of Remote Sensing</i> , 2010, 36, S327-S334.	2.4	6
92	Ground deformation occurring in the city of Auckland, New Zealand, and observed by Envisat interferometric synthetic aperture radar during 2003–2007. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	16
93	Shallow flank deformation at Cumbre Vieja volcano (Canary Islands): Implications on the stability of steep-sided volcano flanks at oceanic islands. <i>Earth and Planetary Science Letters</i> , 2010, 297, 545-557.	4.4	51
94	Testing the Pattern Informatics index on synthetic seismicity catalogs based on the Non-Critical PAST. <i>Tectonophysics</i> , 2010, 483, 255-268.	2.2	12
95	Space- and Time-Dependent Probabilities for Earthquake Fault Systems from Numerical Simulations: Feasibility Study and First Results. , 2010, , 113-123.		1
96	MODELS OF EARTHQUAKE FAULTS: ERGODICITY AND FORECASTING. <i>International Journal of Modern Physics B</i> , 2009, 23, 5553-5569.	2.0	2
97	Geodetic and Structural Research in La Palma, Canary Islands, Spain: 1992–2007 Results. <i>Pure and Applied Geophysics</i> , 2009, 166, 1461-1484.	1.9	15
98	Analysis of complex networks associated to seismic clusters near the Itoiz reservoir dam. <i>European Physical Journal: Special Topics</i> , 2009, 174, 181-195.	2.6	21
99	Time Localised Band Filtering Using Modified S-Transform. , 2009, , .		16
100	Spatiotemporal gravity changes on volcanoes: Assessing the importance of topography. <i>Geophysical Research Letters</i> , 2009, 36, .	4.0	10
101	Time Evolution of Deformation Using Time Series of Differential Interferograms: Application to La Palma Island (Canary Islands). <i>Pure and Applied Geophysics</i> , 2008, 165, 1531-1554.	1.9	15
102	The Stress Accumulation Method and the Pattern Informatics Index: Complementary Approaches to Earthquake Forecasting. <i>Pure and Applied Geophysics</i> , 2008, 165, 693-709.	1.9	9
103	Earthquakes: Simulations, Sources and Tsunamis. <i>Pure and Applied Geophysics</i> , 2008, 165, 449-450.	1.9	3
104	Postseismic Deformation Following the 1994 Northridge Earthquake Identified Using the Localized Hartley Transform Filter. <i>Pure and Applied Geophysics</i> , 2008, 165, 1577-1602.	1.9	3
105	A gravity gradient method for characterizing the post-seismic deformation field for a finite fault. <i>Geophysical Journal International</i> , 2008, 173, 802-805.	2.4	6
106	Application of DInSAR-GPS optimization for derivation of three-dimensional surface motion of the southern California region along the San Andreas fault. <i>Computers and Geosciences</i> , 2008, 34, 503-514.	4.2	31
107	A general method for calculating co-seismic gravity changes in complex fault systems. <i>Computers and Geosciences</i> , 2008, 34, 1541-1549.	4.2	0
108	Deformations occurring in the city of Auckland, New Zealand as mapped by the differential synthetic aperture radar. , 2008, , .		2

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109	DInSAR, GPS and gravity observation results in La Palma, Canary islands. , 2008, , .		2
110	Surface deformation studies of Tenerife Island, Spain from joint GPS-DInSAR observations. , 2008, , .		1
111	Describing Seismic Pattern Dynamics by Means of Ising Cellular Automata. Lecture Notes in Earth Sciences, 2008, , 273-290.	0.5	4
112	The Stress Accumulation Method and the Pattern Informatics Index: Complementary Approaches to Earthquake Forecasting. , 2008, , 693-709.		0
113	A RELM Earthquake Forecast Based on Pattern Informatics. Seismological Research Letters, 2007, 78, 87-93.	1.9	85
114	Ergodicity in natural earthquake fault networks. Physical Review E, 2007, 75, 066107.	2.1	48
115	Structure of fluctuations near mean-field critical points and spinodals and its implication for physical processes. Physical Review E, 2007, 75, 031114.	2.1	40
116	Topography and self-gravitation interaction in elastic-gravitational modeling. Geochemistry, Geophysics, Geosystems, 2007, 8, n/a-n/a.	2.5	8
117	Three-dimensional indirect boundary element method for deformation and gravity changes in volcanic areas: Application to Teide volcano (Tenerife, Canary Islands). Journal of Geophysical Research, 2007, 112, .	3.3	11
118	[Comment on "Exaggerated claims about earthquake predictions: Analysis of NASA's method"] Pattern informatics and cellular seismology: A comparison of methods. Eos, 2007, 88, 254-254.	0.1	1
119	Correction to "Critical point theory of earthquakes: Observation of correlated and cooperative behavior on earthquake fault systems" Geophysical Research Letters, 2007, 34, .	4.0	0
120	Application of DInSAR-GPS Optimization for Derivation of Fine-Scale Surface Motion Maps of Southern California. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 512-521.	6.3	76
121	Some Insights into Topographic, Elastic and Self-gravitation Interaction in Modelling Ground Deformation and Gravity Changes in Active Volcanic Areas. Pure and Applied Geophysics, 2007, 164, 865-878.	1.9	11
122	A Hybrid Model for the Summit Region of Merapi Volcano, Java, Indonesia, Derived from Gravity Changes and Deformation Measured between 2000 and 2002. Pure and Applied Geophysics, 2007, 164, 837-850.	1.9	1
123	Interpretation of 1992-1994 Gravity Changes around Mayon Volcano, Philippines, Using Point Sources. Pure and Applied Geophysics, 2007, 164, 733-749.	1.9	11
124	Modeling of Stress Changes at Mayon Volcano, Philippines. Pure and Applied Geophysics, 2007, 164, 819-835.	1.9	0
125	Diffusion Entropy Analysis in Seismicity. , 2007, , 419-427.		0
126	Testing the persistence in earthquake catalogs: The Iberian Peninsula. Europhysics Letters, 2006, 73, 171-177.	2.0	17



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127	Gravity changes from a stress evolution earthquake simulation of California. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	16
128	Modification of the pattern informatics method for forecasting large earthquake events using complex eigenfactors. <i>Tectonophysics</i> , 2006, 413, 87-91.	2.2	48
129	Premonitory seismicity changes prior to the Parkfield and Coalinga earthquakes in southern California. <i>Tectonophysics</i> , 2006, 413, 77-86.	2.2	18
130	Forecasting rupture dimension using the pattern informatics technique. <i>Tectonophysics</i> , 2006, 424, 367-376.	2.2	10
131	Using earthquake intensities to forecast earthquake occurrence times. <i>Nonlinear Processes in Geophysics</i> , 2006, 13, 585-593.	1.3	36
132	Critical point theory of earthquakes: Observation of correlated and cooperative behavior on earthquake fault systems. <i>Geophysical Research Letters</i> , 2006, 33, n/a-n/a.	4.0	15
133	Spatiotemporal variations in vertical gravity gradients at the Campi Flegrei caldera (Italy): a case for source multiplicity during unrest?. <i>Geophysical Journal International</i> , 2006, 167, 1089-1096.	2.4	35
134	Virtual California: Fault Model, Frictional Parameters, Applications. <i>Pure and Applied Geophysics</i> , 2006, 163, 1819-1846.	1.9	60
135	Systematic Procedural and Sensitivity Analysis of the Pattern Informatics Method for Forecasting Large (M > 5) Earthquake Events in Southern California. <i>Pure and Applied Geophysics</i> , 2006, 163, 2433-2454.	1.9	43
136	Stress Shadows Determined from a Phase Dynamical Measure of Historic Seismicity. <i>Pure and Applied Geophysics</i> , 2006, 163, 2407-2416.	1.9	7
137	A revision of the FORTRAN codes GRAVW to compute deformation produced by a point magma intrusion in elastic-gravitational layered earth models. <i>Computers and Geosciences</i> , 2006, 32, 275-281.	4.2	9
138	Analytical Optimization of a DInSAR and GPS Dataset for Derivation of Three-Dimensional Surface Motion. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2006, 3, 107-111.	3.1	85
139	Space-Time Clustering and Correlations of Major Earthquakes. <i>Physical Review Letters</i> , 2006, 97, 238501.	7.8	89
140	From Tornadoes to Earthquakes: Forecast Verification for Binary Events Applied to the 1999 Chi-Chi, Taiwan, Earthquake. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2006, 17, 503.	0.6	26
141	Stress Shadows Determined from a Phase Dynamical Measure of Historic Seismicity. , 2006, , 2407-2416.		0
142	Systematic Procedural and Sensitivity Analysis of the Pattern Informatics Method for Forecasting Large (M > 5) Earthquake Events in Southern California. , 2006, , 2433-2454.		0
143	A simulation-based approach to forecasting the next great San Francisco earthquake. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 15363-15367.	7.1	46
144	On the interpretation of vertical gravity gradients produced by magmatic intrusions. <i>Journal of Geodynamics</i> , 2005, 39, 475-492.	1.6	16

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145	The 1999 Chi-Chi, Taiwan, earthquake as a typical example of seismic activation and quiescence. <i>Geophysical Research Letters</i> , 2005, 32, n/a-n/a.	4.0	65
146	Detection of displacements on Tenerife Island, Canaries, using radar interferometry. <i>Geophysical Journal International</i> , 2004, 160, 33-45.	2.4	38
147	Volcanic source inversion using a genetic algorithm and an elastic-gravitational layered earth model for magmatic intrusions. <i>Computers and Geosciences</i> , 2004, 30, 985-1001.	4.2	27
148	Study of Volcanic Sources at Long Valley Caldera, California, Using Gravity Data and a Genetic Algorithm Inversion Technique. <i>Pure and Applied Geophysics</i> , 2004, 161, 1399-1413.	1.9	3
149	New Results at Mayon, Philippines, from a Joint Inversion of Gravity and Deformation Measurements. <i>Pure and Applied Geophysics</i> , 2004, 161, 1433-1452.	1.9	19
150	Methods for Evaluation of Geodetic Data and Seismicity Developed with Numerical Simulations: Review and Applications. <i>Pure and Applied Geophysics</i> , 2004, 161, 1489-1507.	1.9	2
151	Ergodicity in Natural Fault Systems. <i>Pure and Applied Geophysics</i> , 2004, 161, 1957.	1.9	6
152	Using Eigenpattern Analysis to Constrain Seasonal Signals in Southern California. <i>Pure and Applied Geophysics</i> , 2004, 161, 1991.	1.9	18
153	Self-organization in leaky threshold systems: The influence of near-mean field dynamics and its implications for earthquakes, neurobiology, and forecasting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 2514-2521.	7.1	161
154	Mean-field threshold systems and phase dynamics: An application to earthquake fault systems. <i>Europhysics Letters</i> , 2002, 60, 481-488.	2.0	115
155	Parallelization of a large-scale computational earthquake simulation program. <i>Concurrency Computation Practice and Experience</i> , 2002, 14, 531-550.	2.2	3
156	GEM Plate Boundary Simulations for the Plate Boundary Observatory: A Program for Understanding the Physics of Earthquakes on Complex Fault Networks via Observations, Theory and Numerical Simulation. <i>Pure and Applied Geophysics</i> , 2002, 159, 2357-2381.	1.9	28
157	Pattern Dynamics and Forecast Methods in Seismically Active Regions. <i>Pure and Applied Geophysics</i> , 2002, 159, 2429-2467.	1.9	85
158	GEM Plate Boundary Simulations for the Plate Boundary Observatory: A Program for Understanding the Physics of Earthquakes on Complex Fault Networks via Observations, Theory and Numerical Simulation. , 2002, , 2357-2381.		9
159	Pattern Dynamics and Forecast Methods in Seismically Active Regions. , 2002, , 2429-2467.		1
160	Joint interpretation of displacement and gravity data in volcanic areas. A test example: Long Valley Caldera, California. <i>Geophysical Research Letters</i> , 2001, 28, 1063-1066.	4.0	26
161	Inflation or deflation? New results for Mayon Volcano applying elastic-gravitational modeling. <i>Geophysical Research Letters</i> , 2001, 28, 2349-2352.	4.0	36
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