

Application of an improved spectral decomposition method for seismic data scaling in Southern California

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Low stress drops observed for aftershocks of the 2011 <i>M</i> _w 5.7 Prague, Oklahoma, earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 3813-3834.	1.4	56
2	Source Spectral Properties of Small to Moderate Earthquakes in Southern Kansas. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8021-8034.	1.4	44
3	The hidden simplicity of subduction megathrust earthquakes. <i>Science</i> , 2017, 357, 1277-1281.	6.0	86
4	Strong Correlation between Stress Drop and Peak Ground Acceleration for Recent <i>M</i> ≥4 Earthquakes in the San Francisco Bay Area. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 929-945.	1.1	70
5	Decomposing Leftovers: Event, Path, and Site Residuals for a Small-Magnitude Anza Region GMPE. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 2478-2492.	1.1	31
6	Absolute Stress Fields in the Source Region of the 1992 Landers Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8874-8890.	1.4	11
7	Diverse Volumetric Faulting Patterns in the San Jacinto Fault Zone. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5068-5081.	1.4	19
8	Frequency-Dependent Attenuation of <i>P</i> and <i>S</i> Waves in Southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5814-5830.	1.4	10
9	The Relation Between Ground Motion, Earthquake Source Parameters, and Attenuation: Implications for Source Parameter Inversion and Ground Motion Prediction Equations. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5886-5901.	1.4	21
10	Seismic Velocity Change Patterns Along the San Jacinto Fault Zone Following the 2010 <i>M</i> _w 7.2 El Mayor-Cucapah and <i>M</i> _w 5.4 Collins Valley Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 7171-7192.	1.4	19
11	Peak Ground Displacement Saturates Exactly When Expected: Implications for Earthquake Early Warning. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4642-4653.	1.4	55
12	Earthquake Stress Drop and Arias Intensity. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3838-3852.	1.4	25
13	Comparing EGF Methods for Estimating Corner Frequency and Stress Drop From <i>P</i> Wave Spectra. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 3966-3986.	1.4	69
14	Dynamic Rupture and Seismic Radiation in a Damage-“Breakage Rheology Model. <i>Pure and Applied Geophysics</i> , 2019, 176, 1003-1020.	0.8	18
15	An Improved Method to Determine Coda- <i>Q</i> , Earthquake Magnitude, and Site Amplification: Theory and Application to Southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 578-598.	1.4	14
16	Fast MW estimation of microearthquakes recorded around the underground gas storage in the Montello-Collalto area (Southeastern Alps, Italy). <i>Journal of Seismology</i> , 2020, 24, 1029-1043.	0.6	7
17	Spatio-temporal foreshock evolution of the 2019 <i>M</i> 6.4 and <i>M</i> 7.1 Ridgecrest, California earthquakes. <i>Earth and Planetary Science Letters</i> , 2020, 551, 116582.	1.8	38
18	Reliability of Source Parameters for Small Events in Central Italy: Insights from Spectral Decomposition Analysis Applied to Both Synthetic and Real Data. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 3139-3157.	1.1	28

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20	Earthquake Source Characteristics and S-Wave Propagation Attenuation in the Junction of the Northwest Tarim Basin and Kepingtage Fold-and-Thrust Zone. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	2
21	Estimation of radiated energy using the KiK-net downhole recordsâ€”old method for modern data. <i>Geophysical Journal International</i> , 2020, 221, 1029-1042.	1.0	17
22	Improved approach for stress drop estimation and its application to an induced earthquake sequence in Oklahoma. <i>Geophysical Journal International</i> , 2020, 223, 233-253.	1.0	23
23	Directivity Modes of Earthquake Populations with Unsupervised Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018299.	1.4	16
24	Earthquake source properties from analysis of dynamic ruptures and far-field seismic waves in a damage-breakage model. <i>Geophysical Journal International</i> , 2021, 224, 1793-1810.	1.0	6
25	Calibrating Spectral Decomposition of Local Earthquakes Using Borehole Seismic Recordsâ€”Results for the 1992 Big Bear Aftershocks in Southern California. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020561.	1.4	6
26	Cross Validation of Stress Drop Estimates and Interpretations for the 2011 Prague, OK, Earthquake Sequence Using Multiple Methods. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020888.	1.4	23
27	Resolution and uncertainties in estimates of earthquake stress drop and energy release. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200131.	1.6	56
28	Source Spectral Properties of Earthquakes in the Delaware Basin of West Texas. <i>Seismological Research Letters</i> , 2021, 92, 2477-2489.	0.8	10
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31	Nucleation and Evolution of Sliding in Continental Fault Zones under the Action of Natural and Man-Made Factors: A State-of-the-Art Review. <i>Izvestiya, Physics of the Solid Earth</i> , 2021, 57, 439-473.	0.2	4
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33	The relations between the corner frequency, seismic moment and source dynamic parameters derived from the spontaneous rupture of a circular fault. <i>Geophysical Journal International</i> , 2021, 228, 134-146.	1.0	1
34	Does Earthquake Stress Drop Increase With Depth in the Crust?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022314.	1.4	25
35	Stress-Drop and Source Scaling of the 2019 Ridgecrest, California, Earthquake Sequence. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 1859-1871.	1.1	29
36	Fault Interactions Enhance Highâ€”Frequency Earthquake Radiation. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095271.	1.5	15

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38	Stress drops of hydraulic fracturing induced microseismicity in the Horn River basin: challenges at high frequencies recorded by borehole geophones. <i>Geophysical Journal International</i> , 2021, 228, 2018-2037.	1.0	7
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40	Earthquake hazard and risk analysis for natural and induced seismicity: towards objective assessments in the face of uncertainty. <i>Bulletin of Earthquake Engineering</i> , 2022, 20, 2825-3069.	2.3	23
41	Spatiotemporal Variability of Earthquake Source Parameters at Parkfield, California, and Their Relationship With the 2004 M6 Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	2
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43	Source Characteristics and Path Attenuation for the Yangbi, China Seismic Sequence in 2021. <i>Pure and Applied Geophysics</i> , 2022, 179, 2721-2733.	0.8	3
44	Source scaling comparison and validation in Central Italy: data intensive direct <i>S</i> waves versus the sparse data coda envelope methodology. <i>Geophysical Journal International</i> , 2022, 231, 1573-1590.	1.0	6
45	Stress Drops of Intermediate-Depth and Deep Earthquakes in the Tonga Slab. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	3
46	Scaling theory for the statistics of slip at frictional interfaces. <i>Physical Review E</i> , 2022, 106, .	0.8	2
47	Magnitude estimation and ground motion prediction to harness fiber optic distributed acoustic sensing for earthquake early warning. <i>Scientific Reports</i> , 2023, 13, .	1.6	14
48	A Source Model for Earthquakes near the Nucleation Dimension. <i>Bulletin of the Seismological Society of America</i> , 2023, 113, 909-923.	1.1	1
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50	The Rocks That Did Not Fall: A Multidisciplinary Analysis of Near-Source Ground Motions From an Active Normal Fault. <i>AGU Advances</i> , 2023, 4, .	2.3	1
51	Induced Earthquake Source Parameters, Attenuation, and Site Effects From Waveform Envelopes in the Fennoscandian Shield. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	4
52	Source-Parameter Estimation after Attenuation Correction through the Use of <i>Q</i> Tomography. <i>Bulletin of the Seismological Society of America</i> , 0, , .	1.1	0