

# Xiaowei Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/651809/publications.pdf>

Version: 2024-02-01

37  
papers

1,211  
citations

430874

18  
h-index

395702

33  
g-index

46  
all docs

46  
docs citations

46  
times ranked

977  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Slip Characteristics of Induced Earthquakes: Insights From the 2015 <i>M<sub>w</sub></i> 4.0 Guthrie, Oklahoma Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .                        | 3.4 | 9         |
| 2  | 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, .          | 3.4 | 2         |
| 3  | Forecasting induced seismicity in Oklahoma using machine learning methods. <i>Scientific Reports</i> , 2022, 12, .   | 3.3 | 10        |
| 4  | 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.   | 3.4 | 23        |
| 5  | Spatiotemporal Clustering of Seismicity During the 2018 Kilauea Volcanic Eruption. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL090859.  | 4.0 | 3         |
| 6  | Spatially Distinct Tectonic Zones across Oklahoma Inferred from Shear-Wave Splitting. <i>Seismological Research Letters</i> , 2021, 92, 2551-2561.   | 1.9 | 1         |
| 7  | Seismic illumination of small-throw seismogenic faults, Anadarko Basin, Oklahoma. <i>Interpretation</i> , 2021, 9, SE35-SE51.  | 1.1 | 2         |
| 8  | Does Earthquake Stress Drop Increase With Depth in the Crust?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022314.   | 3.4 | 25        |
| 9  | Detailed 3D Seismic Velocity Structure of the Prague, Oklahoma Fault Zone and the Implications for Induced Seismicity. <i>Geophysical Research Letters</i> , 2021, 48, .   | 4.0 | 2         |
| 10 | Correlation Between Poroelastic Stress Perturbation and Multidisposal Wells Induced Earthquake Sequence in Cushing, Oklahoma. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089366.                         | 4.0 | 16        |
| 11 | Repeating Earthquakes With Remarkably Repeatable Ruptures on the San Andreas Fault at Parkfield. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089820.  | 4.0 | 18        |
| 12 | 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.                                       | 2.4 | 23        |
| 13 | Narrow Spatial Aftershock Zones for Induced Earthquake Sequences in Oklahoma. <i>Geophysical Research Letters</i> , 2019, 46, 10358-10366.   | 4.0 | 9         |
| 14 | Source Complexity of the 2015 <i>M<sub>w</sub></i> 4.0 Guthrie, Oklahoma Earthquake. <i>Geophysical Research Letters</i> , 2019, 46, 4674-4684.  | 4.0 | 28        |
| 15 | Deciphering the Stress State of Seismogenic Faults in Oklahoma and Southern Kansas Based on an Improved Stress Map. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12920-12934.                    | 3.4 | 23        |
| 16 | Pore-pressure diffusion, enhanced by poroelastic stresses, controls induced seismicity in Oklahoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16228-16233. | 7.1 | 93        |
| 17 | Source parameter analysis of microseismicity during hydraulic fracture: Pinning stress distributions within fracture zone. , 2019, , .   |     | 0         |
| 18 | Locations of Injection-Induced Earthquakes in Oklahoma Controlled by Crustal Structures. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2332-2344.   | 3.4 | 30        |

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|----|--|-----|-----------|
| 19 | Temporal Correlation Between Seismic Moment and Injection Volume for an Induced Earthquake Sequence in Central Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 3047-3064.                 | 3.4 | 24        |
| 20 | Characteristics of Seismicity inside and outside the Salton Sea Geothermal Field. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1877-1888.  | 2.3 | 19        |
| 21 | Multiscale Analysis of Spatiotemporal Relationship Between Injection and Seismicity in Oklahoma. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8711-8731.   | 3.4 | 16        |
| 22 | Stress Drop Variations of Induced Earthquakes in Oklahoma. <i>Bulletin of the Seismological Society of America</i> , 2018, 108, 1107-1123.   | 2.3 | 36        |
| 23 | A Community Experiment to Record the Full Seismic Wavefield in Oklahoma. <i>Seismological Research Letters</i> , 2018, 89, 1923-1930.  | 1.9 | 28        |
| 24 | Coulomb Stress Transfer Influences Fault Reactivation in Areas of Wastewater Injection. <i>Geophysical Research Letters</i> , 2018, 45, 11,059.  | 4.0 | 12        |
| 25 | The 2016 Mw5.1 Fairview, Oklahoma earthquakes: Evidence for long-range poroelastic triggering at >40 km from fluid disposal wells. <i>Earth and Planetary Science Letters</i> , 2017, 472, 50-61.                    | 4.4 | 214       |
| 26 | Coulomb Stress Interactions during the Mw5.8 Pawnee Sequence. <i>Seismological Research Letters</i> , 2017, 88, 1024-1031.   | 1.9 | 22        |
| 27 | The Pawnee earthquake as a result of the interplay among injection, faults and foreshocks. <i>Scientific Reports</i> , 2017, 7, 4945.  | 3.3 | 68        |
| 28 | Preface to the Focus Section on the 3 September 2016 Pawnee, Oklahoma, Earthquake. <i>Seismological Research Letters</i> , 2017, 88, 953-955.  | 1.9 | 6         |
| 29 | Measuring earthquake source parameters in the Mendocino triple junction region using a dense OBS array: Implications for fault strength variations. <i>Earth and Planetary Science Letters</i> , 2016, 453, 276-287. | 4.4 | 17        |
| 30 | Analysis of Foreshock Sequences in California and Implications for Earthquake Triggering. <i>Pure and Applied Geophysics</i> , 2016, 173, 133-152.   | 1.9 | 29        |
| 31 | Statistical seismicity analysis methods for the detection of fault activation during fluid injection. , 2016, , .  |     | 3         |
| 32 | The Cascadia Initiative: A Sea Change In Seismological Studies of Subduction Zones. <i>Oceanography</i> , 2014, 27, 138-150.   | 1.0 | 106       |
| 33 | California foreshock sequences suggest aseismic triggering process. <i>Geophysical Research Letters</i> , 2013, 40, 2602-2607.   | 4.0 | 86        |
| 34 | Spatial migration of earthquakes within seismic clusters in Southern California: Evidence for fluid diffusion. <i>Journal of Geophysical Research</i> , 2012, 117, .   | 3.3 | 94        |
| 35 | Comprehensive analysis of earthquake source spectra and swarms in the Salton Trough, California. <i>Journal of Geophysical Research</i> , 2011, 116, .   | 3.3 | 92        |
| 36 | Scientific Exploration of Induced Seismicity and Stress (SEISMS). <i>Scientific Drilling</i> , 0, 23, 57-63.   | 0.6 | 18        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Distinguishing Unique Earthquakes with Overlapping Signals in Oklahoma. Seismological Research Letters, 0, , . | 1.9 | 0         |