

Men-Andrin Meier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3808112/publications.pdf>

Version: 2024-02-01

21
papers

1,617
citations

471509

17
h-index

713466

21
g-index

21
all docs

21
docs citations

21
times ranked

1350
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | <i>P</i> Wave Arrival Picking and First-Motion Polarity Determination With Deep Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 5120-5129. | 3.4 | 333 |
| 2 | Machine Learning Seismic Wave Discrimination: Application to Earthquake Early Warning. <i>Geophysical Research Letters</i> , 2018, 45, 4773-4779. | 4.0 | 205 |
| 3 | PhaseLink: A Deep Learning Approach to Seismic Phase Association. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 856-869. | 3.4 | 136 |
| 4 | The limits of earthquake early warning: Timeliness of ground motion estimates. <i>Science Advances</i> , 2018, 4, eaq0504. | 10.3 | 103 |
| 5 | The Limits of Earthquake Early Warning Accuracy and Best Alerting Strategy. <i>Scientific Reports</i> , 2019, 9, 2478. | 3.3 | 92 |
| 6 | The hidden simplicity of subduction megathrust earthquakes. <i>Science</i> , 2017, 357, 1277-1281. | 12.6 | 86 |
| 7 | The role of Coulomb stress changes for injection-induced seismicity: The Basel enhanced geothermal system. <i>Geophysical Research Letters</i> , 2013, 40, 72-77. | 4.0 | 82 |
| 8 | Reliable Real-Time Seismic Signal/Noise Discrimination With Machine Learning. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 788-800. | 3.4 | 80 |
| 9 | Evidence for universal earthquake rupture initiation behavior. <i>Geophysical Research Letters</i> , 2016, 43, 7991-7996. | 4.0 | 78 |
| 10 | FinDer v.2: Improved real-time ground-motion predictions for M2-M9 with seismic finite-source characterization. <i>Geophysical Journal International</i> , 2018, 212, 725-742. | 2.4 | 61 |
| 11 | ShakeAlert Earthquake Early Warning System Performance during the 2019 Ridgecrest Earthquake Sequence. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 1904-1923. | 2.3 | 61 |
| 12 | How good are real-time ground motion predictions from Earthquake Early Warning systems?. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 5561-5577. | 3.4 | 57 |
| 13 | CISN ShakeAlert: An Earthquake Early Warning Demonstration System for California. <i>Advanced Technologies in Earth Sciences</i> , 2014, , 49-69. | 0.9 | 48 |
| 14 | A search for evidence of secondary static stress triggering during the 1992 Mw 7.3 Landers, California, earthquake sequence. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 3354-3370. | 3.4 | 44 |
| 15 | Anatomy of an Earthquake Early Warning (EEW) Alert: Predicting Time Delays for an End-to-End EEW System. <i>Seismological Research Letters</i> , 2015, 86, 830-840. | 1.9 | 42 |
| 16 | How Often Can Earthquake Early Warning Systems Alert Sites With High-Intensity Ground Motion?. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB017718. | 3.4 | 41 |
| 17 | Applying Depth Distribution of Seismicity to Determine Thermo-Mechanical Properties of the Seismogenic Crust in Southern California: Comparing Lithotectonic Blocks. <i>Pure and Applied Geophysics</i> , 2019, 176, 1061-1081. | 1.9 | 26 |
| 18 | Evolution of seismicity near the southernmost terminus of the San Andreas Fault: Implications of recent earthquake clusters for earthquake risk in southern California. <i>Geophysical Research Letters</i> , 2017, 44, 1293-1301. | 4.0 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Data-Driven Synthesis of Broadband Earthquake Ground Motions Using Artificial Intelligence. Bulletin of the Seismological Society of America, 2022, 112, 1979-1996. | 2.3 | 11 |
| 20 | Apparent earthquake rupture predictability. Geophysical Journal International, 2021, 225, 657-663. | 2.4 | 8 |
| 21 | A Statistical Method for Associating Earthquakes with Their Source Faults in Southern California. Bulletin of the Seismological Society of America, 2020, 110, 213-225. | 2.3 | 5 |