

Xiaohua Xu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2975925/publications.pdf>

Version: 2024-02-01

29
papers

1,247
citations

471371

17
h-index

526166

27
g-index

31
all docs

31
docs citations

31
times ranked

1397
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Tidal modulation of seismicity at the Coso geothermal field. <i>Earth and Planetary Science Letters</i> , 2022, 579, 117335. | 1.8 | 11 |
| 2 | Coseismic Slip Model of the 2021 Maduo Earthquake, China from Sentinel-1 InSAR Observation. <i>Remote Sensing</i> , 2022, 14, 436. | 1.8 | 11 |
| 3 | GNSS-corrected InSAR displacement time-series spanning the 2019 Ridgecrest, CA earthquakes. <i>Geophysical Journal International</i> , 2022, 230, 1358-1373. | 1.0 | 5 |
| 4 | Energetic Rupture and Tsunamigenesis during the 2020 Mw7.4 La Crucecita, Mexico Earthquake. <i>Seismological Research Letters</i> , 2021, 92, 140-150. | 0.8 | 8 |
| 5 | Seismic Moment Accumulation Response to Lateral Crustal Variations of the San Andreas Fault System. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021208. | 1.4 | 2 |
| 6 | Defining the Coseismic Phase of the Crustal Deformation Cycle With Seismogeodesy. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022002. | 1.4 | 7 |
| 7 | Machine learning characterization of tectonic, hydrological and anthropogenic sources of active ground deformation in California. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022373. | 1.4 | 8 |
| 8 | Integrated Sentinel-1 InSAR and GNSS Time-Series Along the San Andreas Fault System. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022579. | 1.4 | 26 |
| 9 | Toward Absolute Phase Change Recovery With InSAR: Correcting for Earth Tides and Phase Unwrapping Ambiguities. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2020, 58, 726-733. | 2.7 | 26 |
| 10 | Documentation of Surface Fault Rupture and Ground-Deformation Features Produced by the 4 and 5 July 2019 Mw6.4 and Mw7.1 Ridgecrest Earthquake Sequence. <i>Seismological Research Letters</i> , 2020, 91, 2942-2959. | 0.8 | 47 |
| 11 | Surface deformation associated with fractures near the 2019 Ridgecrest earthquake sequence. <i>Science</i> , 2020, 370, 605-608. | 6.0 | 41 |
| 12 | The 2018 Palu Tsunami: Coeval Landslide and Coseismic Sources. <i>Seismological Research Letters</i> , 2020, 91, 3148-3160. | 0.8 | 5 |
| 13 | Modeling the Sources of the 2018 Palu, Indonesia, Tsunami Using Videos From Social Media. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018675. | 1.4 | 26 |
| 14 | Complex Rupture of an Immature Fault Zone: A Simultaneous Kinematic Model of the 2019 Ridgecrest, CA Earthquakes. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086382. | 1.5 | 79 |
| 15 | Coseismic Displacements and Surface Fractures from Sentinel-1 InSAR: 2019 Ridgecrest Earthquakes. <i>Seismological Research Letters</i> , 2020, 91, 1979-1985. | 0.8 | 78 |
| 16 | Slow Slip Event On the Southern San Andreas Fault Triggered by the 2017 Mw8.2 Chiapas (Mexico) Earthquake. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 9956-9975. | 1.4 | 46 |
| 17 | Transient Deformation in California From Two Decades of GPS Displacements: Implications for a Three-Dimensional Kinematic Reference Frame. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12189-12223. | 1.4 | 25 |
| 18 | A spectral expansion approach for geodetic slip inversion: implications for the downdip rupture limits of oceanic and continental megathrust earthquakes. <i>Geophysical Journal International</i> , 2018, 212, 400-411. | 1.0 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Deep embrittlement and complete rupture of the lithosphere during the Mw 8.2 Tehuantepec earthquake. <i>Nature Geoscience</i> , 2018, 11, 955-960. | 5.4 | 42 |
| 20 | Surface Creep Rate of the Southern San Andreas Fault Modulated by Stress Perturbations From Nearby Large Events. <i>Geophysical Research Letters</i> , 2018, 45, 10,259. | 1.5 | 16 |
| 21 | Source characteristics of the 2015 MW 7.8 Gorkha (Nepal) earthquake and its MW 7.2 aftershock from space geodesy. <i>Tectonophysics</i> , 2017, 712-713, 747-758. | 0.9 | 43 |
| 22 | Tectonic and Anthropogenic Deformation at the Cerro Prieto Geothermal Step-Over Revealed by Sentinel-1A InSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 5284-5292. | 2.7 | 89 |
| 23 | The first since 1960: A large event in the Valdivia segment of the Chilean Subduction Zone, the 2016 M7.6 Melinka earthquake. <i>Earth and Planetary Science Letters</i> , 2017, 474, 68-75. | 1.8 | 23 |
| 24 | Improving Burst Alignment in TOPS Interferometry With Bivariate Enhanced Spectral Diversity. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017, 14, 2423-2427. | 1.4 | 22 |
| 25 | Refining the shallow slip deficit. <i>Geophysical Journal International</i> , 2016, 204, 1843-1862. | 1.0 | 95 |
| 26 | Line-of-sight displacement from ALOS-2 interferometry: <i>M_w</i> 7.8 Gorkha Earthquake and <i>M_w</i> 7.3 aftershock. <i>Geophysical Research Letters</i> , 2015, 42, 6655-6661. | 1.5 | 174 |
| 27 | Slip pulse and resonance of the Kathmandu basin during the 2015 Gorkha earthquake, Nepal. <i>Science</i> , 2015, 349, 1091-1095. | 6.0 | 287 |
| 28 | Truncated Total Least Squares Regularization Method for Ocean Acoustic Tomography Inverse Problem. , 2009, , . | | 2 |
| 29 | Vertical Postseismic Deformation of the 2019 Ridgecrest Earthquake Sequence. <i>Journal of Geophysical Research: Solid Earth</i> , 0, , . | 1.4 | 0 |