# Amir A Allam

List of Publications by Year
in descending order



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|---|---|---|---|
| 26 papers | 776 citations | 516710 16 h-index | 642732 23 g-index |
| 29 all docs | 29 docs citations | 29 times ranked | 772 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | General Seismic Architecture of the Southern San Andreas Fault Zone around the Thousand Palms Oasis from a Large-N Nodal Array. The Seismic Record, 2022, 2, 50-58. | 3.1 | 6 |
| 2 | Nodal Seismic Experiment at the Berkeley Section of the Hayward Fault. Seismological Research Letters, 2022, 93, 2377-2388. | 1.9 | 0 |
| 3 | 3D Shear Wave Velocity Model of Salt Lake Valley via Rayleigh Wave Ellipticity across a Temporary Geophone Array. The Seismic Record, 2022, 2, 127-136. | 3.1 | 0 |
| 4 | Shallow Damage Zone Structure of the Wasatch Fault in Salt Lake City from Ambient-Noise Double Beamforming with a Temporary Linear Array. Seismological Research Letters, 2021, 92, 2453-2463. | 1.9 | 4 |
| 5 | Shallow Crustal Shear Velocity and Vp/Vs Across Southern California: Joint Inversion of Shortâ€Period Rayleigh Wave Ellipticity, Phase Velocity, and Teleseismic Receiver Functions. Geophysical Research Letters, 2021, 48, e2021GL092626. | 4.0 | 7 |
| 6 | Seismic Imaging of the Mw 7.1 Ridgecrest Earthquake Rupture Zone From Data Recorded by Dense Linear Arrays. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022043. | 3.4 | 22 |
| 7 | Nodal Seismograph Recordings of the 2019 Ridgecrest Earthquake Sequence. Seismological Research Letters, 2020, 91, 3622-3633. | 1.9 | 17 |
| 8 | Internal structure of the San Jacinto fault zone at the Ramona Reservation, north of Anza, California, from dense array seismic data. Geophysical Journal International, 2020, 224, 1225-1241. | 2.4 | 12 |
| 9 | Analysis of Fault Zone Resonance Modes Recorded by a Dense Seismic Array Across the San Jacinto Fault Zone at Blackburn Saddle. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019756. | 3.4 | 11 |
| 10 | Seismic Analysis of the 2020 Magna, Utah, Earthquake Sequence: Evidence for a Listric Wasatch Fault. Geophysical Research Letters, 2020, 47, e2020GL089798. | 4.0 | 32 |
| 11 | Shear Velocity Model of Alaska Via Joint Inversion of Rayleigh Wave Ellipticity, Phase Velocities, and Receiver Functions Across the Alaska Transportable Array. Journal of Geophysical Research: Solid Earth, 2020, 125, e2019JB018582. | 3.4 | 41 |
| 12 | Effects of Fault Roughness on Coseismic Slip and Earthquake Locations. Journal of Geophysical Research: Solid Earth, 2019, 124, 11336-11349. | 3.4 | 24 |
| 13 | Imaging the Deep Subsurface Plumbing of Old Faithful Geyser From Lowâ€Frequency Hydrothermal Tremor Migration. Geophysical Research Letters, 2019, 46, 7315-7322. | 4.0 | 24 |
| 14 | Structural Properties of the San Jacinto Fault Zone at Blackburn Saddle from Seismic Data of a Dense Linear Array. Pure and Applied Geophysics, 2019, 176, 1169-1191. | 1.9 | 20 |
| 15 | Imaging the Fault Damage Zone of the San Jacinto Fault Near Anza With Ambient Noise Tomography Using a Dense Nodal Array. Geophysical Research Letters, 2019, 46, 12938-12948. | 4.0 | 43 |
| 16 | Wave equation dispersion inversion of surface waves recorded on irregular topography. Geophysical Journal International, 2019, 217, 346-360. | 2.4 | 29 |
| 17 | Detection of Building Damage Using Helmholtz Tomography. Bulletin of the Seismological Society of America, 2018, 108, 2565-2579. | 2.3 | 7 |
| 18 | Tomography of Southern California Via Bayesian Joint Inversion of Rayleigh Wave Ellipticity and Phase Velocity From Ambient Noise Crossâ€Correlations. Journal of Geophysical Research: Solid Earth, 2018, 123, 9933-9949. | 3.4 | 40 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ten kilometer vertical Moho offset and shallow velocity contrast along the Denali fault zone from double-difference tomography, receiver functions, and fault zone head waves. Tectonophysics, 2017, 721, 56-69. | 2.2 | 40 |
| 20 | Resolving Fine-Scale Heterogeneity of Co-seismic Slip and the Relation to Fault Structure. Scientific Reports, 2016, 6, 27201. | 3.3 | 33 |
| 21 | A new algorithm for threeâ€dimensional joint inversion of body wave and surface wave data and its application to the Southern California plate boundary region. Journal of Geophysical Research: Solid Earth, 2016, 121, 3557-3569. | 3.4 | 89 |
| 22 | Finite-frequency sensitivity kernels of seismic waves to fault zone structures. Geophysical Journal International, 2015, 203, 2032-2048. | 2.4 | 9 |
| 23 | Seismic Imaging of a Bimaterial Interface Along the Hayward Fault, CA, with Fault Zone Head Waves and Direct P Arrivals. Pure and Applied Geophysics, 2014, 171, 2993-3011. | 1.9 | 38 |
| 24 | Seismic velocity structure in the Hot Springs and Trifurcation areas of the San Jacinto fault zone, California, from double-difference tomography. Geophysical Journal International, 2014, 198, 978-999. | 2.4 | 82 |
| 25 | Seismic velocity structures in the southern California plate-boundary environment from double-difference tomography. Geophysical Journal International, 2012, 190, 1181-1196. | 2.4 | 137 |
| 26 | Preparing for InSight: Evaluation of the Blind Test for Martian Seismicity. Seismological Research Letters, 0, , . | 1.9 | 5 |