

Arash Fathi

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

281
citations

1684188
5
h-index

1872680
6
g-index

9
all docs

9
docs citations

9
times ranked

220
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|-----|-----------|
| 1 | Time-domain hybrid formulations for wave simulations in three-dimensional PML-truncated heterogeneous media. International Journal for Numerical Methods in Engineering, 2015, 101, 165-198. | 2.8 | 72 |
| 2 | Seismic wave amplification by topographic features: A parametric study. Soil Dynamics and Earthquake Engineering, 2017, 92, 503-527. | 3.8 | 62 |
| 3 | Full-waveform inversion in three-dimensional PML-truncated elastic media. Computer Methods in Applied Mechanics and Engineering, 2015, 296, 39-72. | 6.6 | 51 |
| 4 | Three-dimensional P- and S-wave velocity profiling of geotechnical sites using full-waveform inversion driven by field data. Soil Dynamics and Earthquake Engineering, 2016, 87, 63-81. | 3.8 | 51 |
| 5 | Large-scale simulation of seismic wave motion: A review. Soil Dynamics and Earthquake Engineering, 2020, 129, 105909. | 3.8 | 35 |
| 6 | GAPS. , 2022, , . | | 5 |
| 7 | Source parameter inversion for wave energy focusing to a target inclusion embedded in a three-dimensional heterogeneous halfspace. International Journal for Numerical and Analytical Methods in Geomechanics, 2017, 41, 1016-1037. | 3.3 | 3 |
| 8 | Towards practical Bayesian inversion of geobodies using geologic priors. , 2021, , . | | 1 |
| 9 | Wave-PIM: Accelerating Wave Simulation Using Processing-in-Memory. , 2021, , . | | 1 |