

Santiago G. Solazzi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

121
citations

1307594

7
h-index

1281871

11
g-index

25
all docs

25
docs citations

25
times ranked

135
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Effects of Fracture Connectivity on Rayleigh Wave Dispersion. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 3.4 | 2 |
| 2 | Dynamic streaming potential coupling coefficient in porous media with different pore size distributions. Geophysical Journal International, 2022, 229, 720-735. | 2.4 | 5 |
| 3 | Numerical Upscaling of Seismic Signatures of Poroelastic Rocks Containing Mesoscopic Fluid-Saturated Voids. Journal of Geophysical Research: Solid Earth, 2022, 127, . | 3.4 | 4 |
| 4 | Squirt flow in porous media saturated by Maxwell-type non-Newtonian fluids. Physical Review E, 2021, 103, 023101. | 2.1 | 2 |
| 5 | Fractures in Low-Permeability Rocks: Can Poroelastic Effects Associated With Damage Zones Enhance Their Seismic Visibility?. Journal of Geophysical Research: Solid Earth, 2021, 126, e2020JB021155. | 3.4 | 3 |
| 6 | Squirt flow in partially saturated cracks: a simple analytical model. Geophysical Journal International, 2021, 227, 680-692. | 2.4 | 5 |
| 7 | Predicting the frequency-dependent effective excess charge density: A new upscaling approach for seismoelectric modeling. Geophysics, 2021, 86, WB19-WB28. | 2.6 | 7 |
| 8 | Seismic signatures reveal persistence of soil compaction. Vadose Zone Journal, 2021, 20, e20140. | 2.2 | 11 |
| 9 | Surface-Wave Dispersion in Partially Saturated Soils: The Role of Capillary Forces. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB022074. | 3.4 | 11 |
| 10 | Seismically Induced Unclogging in Fluid-Saturated Faults. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020152. | 3.4 | 4 |
| 11 | Seismic Signatures of Fractured Porous Rocks: The Partially Saturated Case. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019960. | 3.4 | 10 |
| 12 | Dynamic permeability functions for partially saturated porous media. Geophysical Journal International, 2020, 221, 1182-1189. | 2.4 | 10 |
| 13 | Effects of fracture connectivity on Rayleigh wave velocity dispersion. , 2020, , . | | 1 |
| 14 | Poroelastic effects of the damaged zone on fracture reflectivity and normal compliance. , 2020, , . | | 0 |
| 15 | Saturation Hysteresis Effects on the Seismic Signatures of Partially Saturated Heterogeneous Porous Rocks. Journal of Geophysical Research: Solid Earth, 2019, 124, 11316-11335. | 3.4 | 13 |
| 16 | Modelling the effects of capillary hysteresis on the normal compliance of individual fractures. , 2019, , . | | 0 |
| 17 | Modeling Forced Imbibition Processes and the Associated Seismic Attenuation in Heterogeneous Porous Rocks. Journal of Geophysical Research: Solid Earth, 2017, 122, 9031-9049. | 3.4 | 10 |
| 18 | An energy-based approach to estimate seismic attenuation due to wave-induced fluid flow in heterogeneous poroelastic media. Geophysical Journal International, 2016, 207, 823-832. | 2.4 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|----|-----------|
| 19 | An energy-based approach to estimate seismic attenuation due to wave-induced fluid flow. , 2014, , . | | 1 |