

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	An energy-based approach to estimate seismic attenuation due to wave-induced fluid flow in heterogeneous poroelastic media. <i>Geophysical Journal International</i> , 2016, 207, 823-832.	2.4	22
2	Saturation Hysteresis Effects on the Seismic Signatures of Partially Saturated Heterogeneous Porous Rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 11316-11335.	3.4	13
3	Seismic signatures reveal persistence of soil compaction. <i>Vadose Zone Journal</i> , 2021, 20, e20140.	2.2	11
4	Surfaceâ€Wave Dispersion in Partially Saturated Soils: The Role of Capillary Forces. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022074.	3.4	11
5	Modeling Forced Imbibition Processes and the Associated Seismic Attenuation in Heterogeneous Porous Rocks. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9031-9049.	3.4	10
6	Seismic Signatures of Fractured Porous Rocks: The Partially Saturated Case. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019960.	3.4	10
7	Dynamic permeability functions for partially saturated porous media. <i>Geophysical Journal International</i> , 2020, 221, 1182-1189.	2.4	10
8	Predicting the frequency-dependent effective excess charge density: A new upscaling approach for seismoelectric modeling. <i>Geophysics</i> , 2021, 86, WB19-WB28.	2.6	7
9	Squirt flow in partially saturated cracks: a simple analytical model. <i>Geophysical Journal International</i> , 2021, 227, 680-692.	2.4	5
10	Dynamic streaming potential coupling coefficient in porous media with different pore size distributions. <i>Geophysical Journal International</i> , 2022, 229, 720-735.	2.4	5
11	Seismically Induced Unclogging in Fluidâ€Saturated Faults. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020152.	3.4	4
12	Numerical Upscaling of Seismic Signatures of Poroelastic Rocks Containing Mesoscopic Fluidâ€Saturated Voids. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	4
13	Fractures in Lowâ€Permeability Rocks: Can Poroelastic Effects Associated With Damage Zones Enhance Their Seismic Visibility?. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB021155.	3.4	3
14	Squirt flow in porous media saturated by Maxwell-type non-Newtonian fluids. <i>Physical Review E</i> , 2021, 103, 023101.	2.1	2
15	Effects of Fracture Connectivity on Rayleigh Wave Dispersion. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	3.4	2
16	An energy-based approach to estimate seismic attenuation due to wave-induced fluid flow. , 2014, , .		1
17	Effects of fracture connectivity on Rayleigh wave velocity dispersion. , 2020, , .		1
18	Modelling the effects of capillary hysteresis on the normal compliance of individual fractures. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
19	Poroelastic effects of the damaged zone on fracture reflectivity and normal compliance. , 2020, , .		0