

Sotiris Alevizos

List of Publications by Year in descending order

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15
papers

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citations

1478505

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1199594

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16
all docs

16
docs citations

16
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102
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of anisotropy on compaction bands: The case of coaxiality between stress and fabric anisotropy tensors. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 68-88.	3.3	3
2	A heuristic model inversion for coupled thermo-hydro-mechanical modelling of triaxial experiments. Computers and Geotechnics, 2020, 117, 103278.	4.7	4
3	A visco-plastic framework for interface processes in sedimentary reservoir rocks at HPHT conditions. Geomechanics for Energy and the Environment, 2020, 22, 100165.	2.5	9
4	The dynamics of multiscale, multiphysics faults: Part II - Episodic stick-slip can turn the jelly sandwich into a crÄme brÄlle. Tectonophysics, 2018, 746, 659-668.	2.2	2
5	The dynamics of multiscale, multiphysics faults: Part I - The long-term behaviour of the lithosphere. Tectonophysics, 2018, 746, 648-658.	2.2	4
6	A Framework for Fracture Network Formation in Overpressurised Impermeable Shale: Deformability Versus Diagenesis. Rock Mechanics and Rock Engineering, 2017, 50, 689-703.	5.4	27
7	The Effect of Rotational and Isotropic Hardening on the Onset of Compaction Bands. Springer Series in Geomechanics and Geoen지니어ing, 2017, , 147-153.	0.1	0
8	Episodic Tremor and Slip (ETS) as a chaotic multiphysics spring. Physics of the Earth and Planetary Interiors, 2017, 264, 20-34.	1.9	13
9	Shear heating in creeping faults changes the onset of convection. Geophysical Journal International, 2017, 211, 270-283.	2.4	5
10	Bifurcation Criteria for Strain Localization in Multiphysical Systems. Springer Series in Geomechanics and Geoen지니어ing, 2017, , 201-206.	0.1	0
11	Analysis of Dynamics in Multiphysics Modelling of Active Faults. Mathematics, 2016, 4, 57.	2.2	3
12	Thermo-poro-mechanics of chemically active creeping faults: 2. Transient considerations. Journal of Geophysical Research: Solid Earth, 2014, 119, 4583-4605.	3.4	44
13	Thermo-poro-mechanics of chemically active creeping faults. 1: Theory and steady state considerations. Journal of Geophysical Research: Solid Earth, 2014, 119, 4558-4582.	3.4	46
14	Chemical reaction capping of thermal instabilities during shear of frictional faults. Journal of the Mechanics and Physics of Solids, 2010, 58, 1175-1194.	4.8	65
15	Thermoporomechanics of landslides. European Journal of Environmental and Civil Engineering, 2010, 14, 1185-1198.	2.1	0