

# Villiger, Linus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2606397/publications.pdf>

Version: 2024-02-01

13  
papers

371  
citations

1040018

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1125717

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docs citations

26  
times ranked

288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-disciplinary characterizations of the BedrettoLab – a new underground geoscience research facility. <i>Solid Earth</i> , 2022, 13, 301-322.	2.8	17
2	Metre-scale stress heterogeneities and stress redistribution drive complex fracture slip and fracture growth during a hydraulic stimulation experiment. <i>Geophysical Journal International</i> , 2021, 225, 1689-1703.	2.4	8
3	Poroelasticity Contributes to Hydraulic Stimulation Induced Pressure Changes. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091468.	4.0	1
4	Hydraulic stimulation and fluid circulation experiments in underground laboratories: Stepping up the scale towards engineered geothermal systems. <i>Geomechanics for Energy and the Environment</i> , 2020, 24, 100175.	2.5	55
5	Influence of reservoir geology on seismic response during decameter-scale hydraulic stimulations in crystalline rock. <i>Solid Earth</i> , 2020, 11, 627-655.	2.8	33
6	Changing Flow Paths Caused by Simultaneous Shearing and Fracturing Observed During Hydraulic Stimulation. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL086135.	4.0	8
7	On the Variability of Pressure Propagation During Hydraulic Stimulation Based on Seismic Velocity Observations. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018801.	3.4	8
8	In situ observation of helium and argon release during fluid-pressure-triggered rock deformation. <i>Scientific Reports</i> , 2020, 10, 6949.	3.3	14
9	Characterizing a decametre-scale granitic reservoir using ground-penetrating radar and seismic methods. <i>Solid Earth</i> , 2020, 11, 1441-1455.	2.8	14
10	Hydromechanical processes and their influence on the stimulation effected volume: observations from a decameter-scale hydraulic stimulation project. <i>Solid Earth</i> , 2020, 11, 1699-1729.	2.8	16
11	Hydraulic fracture propagation in a heterogeneous stress field in a crystalline rock mass. <i>Solid Earth</i> , 2019, 10, 1877-1904.	2.8	26
12	Subsurface Fluid Pressure and Rock Deformation Monitoring Using Seismic Velocity Observations. <i>Geophysical Research Letters</i> , 2018, 45, 10,389-10,397.	4.0	34
13	The seismo-hydromechanical behavior during deep geothermal reservoir stimulations: open questions tackled in a decameter-scale in situ stimulation experiment. <i>Solid Earth</i> , 2018, 9, 115-137.	2.8	126