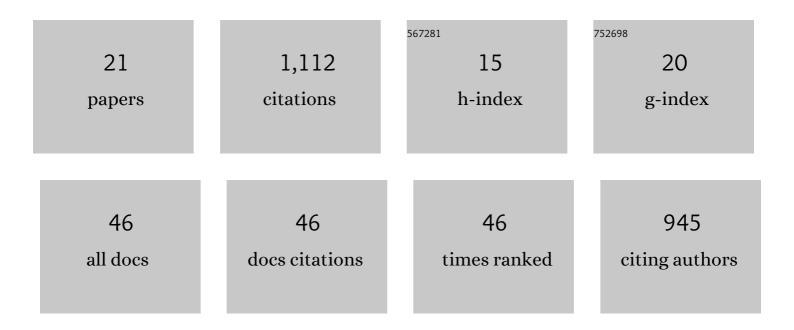
Alexander Handwerger

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2029002/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Generating landslide density heatmaps for rapid detection using open-access satellite radar data in Google Earth Engine. Natural Hazards and Earth System Sciences, 2022, 22, 753-773.	3.6	18
2	A new method to detect changes in displacement rates of slow-moving landslides using InSAR time series. Landslides, 2022, 19, 2233-2247.	5.4	13
3	Landslide Sensitivity and Response to Precipitation Changes in Wet and Dry Climates. Geophysical Research Letters, 2022, 49, .	4.0	10
4	Inferring the Subsurface Geometry and Strength of Slowâ€Moving Landslides Using 3â€D Velocity Measurements From the NASA/JPL UAVSAR. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005898.	2.8	13
5	Unsaturated Flow Processes and the Onset of Seasonal Deformation in Slowâ€Moving Landslides. Journal of Geophysical Research F: Earth Surface, 2021, 126, e2020JF005758.	2.8	18
6	When image correlation is needed: Unravelling the complex dynamics of a slow-moving landslide in the tropics with dense radar and optical time series. Remote Sensing of Environment, 2021, 258, 112402.	11.0	26
7	Soil Moisture Retrieval Using L-Band SAR Over Landslide Regions in Northern California Grasslands. , 2021, , .		0
8	InSAR-based characterization of rock glacier movement in the Uinta Mountains, Utah, USA. Cryosphere, 2021, 15, 4823-4844.	3.9	17
9	Life and death of slow-moving landslides. Nature Reviews Earth & Environment, 2020, 1, 404-419.	29.7	150
10	InSAR-based detection method for mapping and monitoring slow-moving landslides in remote regions with steep and mountainous terrain: An application to Nepal. Remote Sensing of Environment, 2020, 249, 111983.	11.0	97
11	Mobility, Thickness, and Hydraulic Diffusivity of the Slowâ€Moving Monroe Landslide in California Revealed by Lâ€Band Satellite Radar Interferometry. Journal of Geophysical Research: Solid Earth, 2019, 124, 7504-7518.	3.4	47
12	River channel width controls blocking by slow-moving landslides in California's Franciscan mélange. Earth Surface Dynamics, 2019, 7, 879-894.	2.4	17
13	Widespread Initiation, Reactivation, and Acceleration of Landslides in the Northern California Coast Ranges due to Extreme Rainfall. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1782-1797.	2.8	71
14	A shift from drought to extreme rainfall drives a stable landslide to catastrophic failure. Scientific Reports, 2019, 9, 1569.	3.3	117
15	Submarine landslides triggered by destabilization of highâ€saturation hydrate anomalies. Geochemistry, Geophysics, Geosystems, 2017, 18, 2429-2445.	2.5	28
16	Historic drought puts the brakes on earthflows in Northern California. Geophysical Research Letters, 2016, 43, 5725-5731.	4.0	50
17	Rate-weakening friction characterizes both slow sliding and catastrophic failure of landslides. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10281-10286.	7.1	80
18	Beyond the angle of repose: A review and synthesis of landslide processes in response to rapid uplift, Eel River, Northern California. Geomorphology, 2015, 236, 109-131.	2.6	56

#	Article	IF	CITATIONS
19	Kinematics of earthflows in the Northern California Coast Ranges using satellite interferometry. Geomorphology, 2015, 246, 321-333.	2.6	49
20	Controls on the seasonal deformation of slow-moving landslides. Earth and Planetary Science Letters, 2013, 377-378, 239-247.	4.4	118
21	†You are HERE': Connecting the dots with airborne lidar for geomorphic fieldwork. Geomorphology, 2013, 200, 172-183.	2.6	112