

Joel B Smith

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

602
citations

759055

12
h-index

940416

16
g-index

21
all docs

21
docs citations

21
times ranked

708
citing authors

#	ARTICLE	IF	CITATIONS
1	When hazard avoidance is not an option: lessons learned from monitoring the postdisaster Oso landslide, USA. <i>Landslides</i> , 2021, 18, 2993-3009.	2.7	3
2	Reconstructing the Velocity and Deformation of a Rapid Landslide Using Multiview Video. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005348.	1.0	3
3	Hillslopes in humid-tropical climates aren't always wet: Implications for hydrologic response and landslide initiation in Puerto Rico. <i>Hydrological Processes</i> , 2020, 34, 4307-4318.	1.1	14
4	The Impact of Sediment Supply on the Initiation and Magnitude of Runoff-Generated Debris Flows. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087643.	1.5	12
5	The Influence of Frost Weathering on Debris Flow Sediment Supply in an Alpine Basin. <i>Journal of Geophysical Research F: Earth Surface</i> , 2020, 125, e2019JF005369.	1.0	24
6	Developing and Testing Physically Based Triggering Thresholds for Runoff-Generated Debris Flows. <i>Geophysical Research Letters</i> , 2019, 46, 8830-8839.	1.5	32
7	Evolution of Debris-Flow Initiation Mechanisms and Sediment Sources During a Sequence of Postwildfire Rainstorms. <i>Journal of Geophysical Research F: Earth Surface</i> , 2019, 124, 1572-1595.	1.0	58
8	Clayey Landslide Initiation and Acceleration Strongly Modulated by Soil Swelling. <i>Geophysical Research Letters</i> , 2018, 45, 1888-1896.	1.5	57
9	Thermal influences on spontaneous rock dome exfoliation. <i>Nature Communications</i> , 2018, 9, 762.	5.8	49
10	Field and Laboratory Hydraulic Characterization of Landslide-Prone Soils in the Oregon Coast Range and Implications for Hydrologic Simulation. <i>Vadose Zone Journal</i> , 2018, 17, 1-15.	1.3	11
11	Developing Hydro-Meteorological Thresholds for Shallow Landslide Initiation and Early Warning. <i>Water (Switzerland)</i> , 2018, 10, 1274.	1.2	63
12	Estimating post-fire debris-flow hazards prior to wildfire using a statistical analysis of historical distributions of fire severity from remote sensing data. <i>International Journal of Wildland Fire</i> , 2018, 27, 595.	1.0	37
13	Integrating real-time subsurface hydrologic monitoring with empirical rainfall thresholds to improve landslide early warning. <i>Landslides</i> , 2018, 15, 1909-1919.	2.7	78
14	Hydrologic Impacts of Landslide Disturbances: Implications for Remobilization and Hazard Persistence. <i>Water Resources Research</i> , 2017, 53, 8250-8265.	1.7	26
15	Amplification of postwildfire peak flow by debris. <i>Geophysical Research Letters</i> , 2016, 43, 8545-8553.	1.5	27
16	Estimating rates of debris flow entrainment from ground vibrations. <i>Geophysical Research Letters</i> , 2015, 42, 6365-6372.	1.5	75