David L George

List of Publications by Year
in descending order

14	1,103	933447 10	1281871 11
papers	citations	h-index	g-index

14	14	14	1112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Landslide monitoring and runout hazard assessment by integrating multi-source remote sensing and numerical models: an application to the Gold Basin landslide complex, northern Washington. Landslides, 2021, 18, 1131-1141.	5.4	22
2	Diverse cataclysmic floods from Pleistocene glacial Lake Missoula. , 2021, , 333-350.		6
3	The Missoula and Bonneville floodsâ€"A review of ice-age megafloods in the Columbia River basin. Earth-Science Reviews, 2020, 208, 103181.	9.1	31
4	Basal Stress Equations for Granular Debris Masses on Smooth or Discretized Slopes. Journal of Geophysical Research F: Earth Surface, 2019, 124, 1464-1484.	2.8	8
5	Characterizing Seasonally Rainfall-Driven Movement of a Translational Landslide using SAR Imagery and SMAP Soil Moisture. Remote Sensing, 2019, 11, 2347.	4.0	19
6	Combining InSAR and GPS to Determine Transient Movement and Thickness of a Seasonally Active Lowâ€Gradient Translational Landslide. Geophysical Research Letters, 2018, 45, 1453-1462.	4.0	62
7	Surrogate-based parameter inference in debris flow model. Computational Geosciences, 2018, 22, 1447-1463.	2.4	16
8	Discussion of â€œThe relation between dilatancy, effective stress and dispersive pressure in granular avalanchesâ€•by P. Bartelt and O. Buser (DOI: 10.1007/s11440-016-0463-7). Acta Geotechnica, 2016, 11, 1465-1468.	5.7	0
9	A depth-averaged debris-flow model that includes the effects of evolving dilatancy. I. Physical basis. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130819.	2.1	216
10	A depth-averaged debris-flow model that includes the effects of evolving dilatancy. II. Numerical predictions and experimental tests. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2014, 470, 20130820.	2.1	120
11	Tsunami modelling with adaptively refined finite volume methods. Acta Numerica, 2011, 20, 211-289.	10.7	223
12	The GeoClaw software for depth-averaged flows with adaptive refinement. Advances in Water Resources, 2011, 34, 1195-1206.	3.8	169
13	Augmented Riemann solvers for the shallow water equations over variable topography with steady states and inundation. Journal of Computational Physics, 2008, 227, 3089-3113.	3.8	149
14	Clawpack: building an open source ecosystem for solving hyperbolic PDEs. PeerJ Computer Science, 0, 2, e68.	4.5	62