

David L George

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11548690/publications.pdf>

Version: 2024-02-01

14
papers

1,103
citations

933447

10
h-index

1281871

11
g-index

14
all docs

14
docs citations

14
times ranked

1112
citing authors

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