Bouchra Haddad Akni

List of Publications by Year
in descending order

11	850	933447 10	1281871 11
papers	citations	h-index	g-index

11	11	11	696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A depthâ€integrated, coupled SPH model for flowâ€like landslides and related phenomena. International Journal for Numerical and Analytical Methods in Geomechanics, 2009, 33, 143-172.	3.3	340
2	Application of a SPH depth-integrated model to landslide run-out analysis. Landslides, 2014, 11, 793-812.	5.4	198
3	Modelling of fast catastrophic landslides and impulse waves induced by them in fjords, lakes and reservoirs. Engineering Geology, 2009, 109, 124-134.	6.3	70
4	Depth Averaged Models for Fast Landslide Propagation: Mathematical, Rheological and Numerical Aspects. Archives of Computational Methods in Engineering, 2015, 22, 67-104.	10.2	67
5	A SPH depth integrated model for PopocatÃ©petl 2001 lahar (Mexico): Sensitivity analysis and runout simulation. Engineering Geology, 2010, 114, 312-329.	6.3	51
6	From solids to fluidized soils: diffuse failure mechanisms in geostructures with applications to fast catastrophic landslides. Granular Matter, 2010, 12, 211-228.	2.2	36
7	Application of a New Rheological Model to Rock Avalanches: An SPH Approach. Rock Mechanics and Rock Engineering, 2016, 49, 2353-2372.	5.4	26
8	Mathematical, Constitutive and Numerical Modelling of Catastrophic Landslides and Related Phenomena. Rock Mechanics and Rock Engineering, 2008, 41, 85-132.	5.4	21
9	Depth integrated modelling of fast landslide propagation. European Journal of Environmental and Civil Engineering, 2011, 15, 51-72.	2.1	18
10	Runout and deposit morphology of Bingham fluid as a function of initial volume: implication for debris flow modelling. Natural Hazards, 2015, 75, 489-513.	3.4	13
11	Smoothed particle hydrodynamic modeling of volcanic debris flows: Application to Huiloac Gorge lahars (PopocatÃ©petl volcano, Mexico). Journal of Volcanology and Geothermal Research, 2016, 324, 73-87.	2.1	10