# Bouchra Haddad Akni

List of Publications by Year
in descending order

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|---|---|---|---|
| 11<br>papers | 850<br>citations | 933447<br>10<br>h-index | 1281871<br>11<br>g-index |
| 11<br>all docs | 11<br>docs citations | 11<br>times ranked | 696<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Smoothed particle hydrodynamic modeling of volcanic debris flows: Application to Huiloac Gorge lahars (Popocatépetl volcano, Mexico). Journal of Volcanology and Geothermal Research, 2016, 324, 73-87. | 2.1 | 10 |
| 2 | Application of a New Rheological Model to Rock Avalanches: An SPH Approach. Rock Mechanics and Rock Engineering, 2016, 49, 2353-2372. | 5.4 | 26 |
| 3 | 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 |
| 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 | Application of a SPH depth-integrated model to landslide run-out analysis. Landslides, 2014, 11, 793-812. | 5.4 | 198 |
| 6 | Depth integrated modelling of fast landslide propagation. European Journal of Environmental and Civil Engineering, 2011, 15, 51-72. | 2.1 | 18 |
| 7 | 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 |
| 8 | A SPH depth integrated model for Popocatépetl 2001 lahar (Mexico): Sensitivity analysis and runout simulation. Engineering Geology, 2010, 114, 312-329. | 6.3 | 51 |
| 9 | A depth-integrated, coupled SPH model for flow-like landslides and related phenomena. International Journal for Numerical and Analytical Methods in Geomechanics, 2009, 33, 143-172. | 3.3 | 340 |
| 10 | 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 |
| 11 | Mathematical, Constitutive and Numerical Modelling of Catastrophic Landslides and Related Phenomena. Rock Mechanics and Rock Engineering, 2008, 41, 85-132. | 5.4 | 21 |