Chyan-Deng Jan

List of Publications by Year
in descending order

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17	187	1478505 6	1125743 13
papers	citations	h-index	g-index

17	17	17	169
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A numerical simulation of debris flow and its application. Natural Hazards, 1996, 13, 39-54.	3.4	62
2	Movements of a sphere rolling down an inclined plane. Journal of Hydraulic Research/De Recherches Hydrauliques, 1997, 35, 689-706.	1.7	36
3	Review dynamic modeling of debris flows. , 1997, , 93-116.		20
4	Analysis of rainfall-induced quick groundwater-level response by using a Kernel function. Paddy and Water Environment, 2013, 11, 135-144.	1.8	14
5	Empirical relation between the typhoon surge deviation and the corresponding typhoon characteristics: a case study in Taiwan. Journal of Marine Science and Technology, 2006, 11, 193-200.	2.9	12
6	Probabilistic analysis of landslide potential of an inclined uniform soil layer of infinite length: application. Environmental Geology, 2008, 54, 1175-1183.	1.2	8
7	Reliability analysis of design discharge for mountainous gully flow. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 835-838.	1.7	8
8	Numerical simulation on a tremendous debris flow caused by Typhoon Morakot in the Jiaopu Stream, Taiwan. Journal of Mountain Science, 2014, 11, 1-18.	2.0	7
9	Probabilistic analysis of landslide potential of an inclined uniform soil layer of infinite length: theorem. Environmental Geology, 2007, 51, 1239-1248.	1.2	6
10	Analysis and prediction of riverbed changes using empirical orthogonal functions. Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 488-496.	1.7	5
11	Investigation about rainfall-induced shallow landslides in CYL and TWR watersheds, Taiwan. Environmental Earth Sciences, 2016, 75, 1.	2.7	4
12	Discharge coefficient for bottom orifice of vortex chamber. Journal of Hydraulic Research/De Recherches Hydrauliques, 2011, 49, 388-391.	1.7	2
13	Intermittent slipping of landslide regulated by dilatancy evolution and velocity-weakening friction law: an efficient numerical scheme. Journal of Mountain Science, 2016, 13, 1333-1344.	2.0	1
14	Maximum Shear-Stress Method for Stable Channel Design. Journal of Hydraulic Engineering, 2020, 146, 04020082.	1.5	1
15	Reliability analysis of design discharge for mountainous gully flow. Journal of Hydraulic Research/De Recherches Hydrauliques, 2008, 46, 835.	1.7	1
16	Discussion of â€œFormulas for the Transportation of Bed Loadâ€•by Chong-Hung Zee and Raymond Zee. Journal of Hydraulic Engineering, 2018, 144, 07018011.	1.5	0
17	Effects of particle fractions on the Bingham yield stress and viscosity of fine-coarse particle suspensions. Journal of Mountain Science, 2021, 18, 2960.	2.0	0