Chao Kang

List of Publications by Year
in descending order

23	351	840119	839053
papers	citations	11	18
		h-index	g-index

25	25	25	275
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Beater Shape in Mixing Test to Determine Clogging Potential. Journal of Testing and Evaluation, 2022, 50, 727-742.	0.4	0
2	Improved index to quantitatively assess clogging potential based on mixing test results. Tunnelling and Underground Space Technology, 2022, 120, 104251.	3.0	3
3	Assessment of the variation of heavy metal pollutants in soil and crop plants through field and laboratory tests. Science of the Total Environment, 2022, 811, 152343.	3.9	27
4	Characteristics of a Large-Scale Deep Foundation Pit Excavated by the Central-Island Technique in Chengdu Soft Clay. KSCE Journal of Civil Engineering, 2022, 26, 2610-2623.	0.9	5
5	Study of kinematic characteristics of a rock avalanche and subsequent erosion process due to a debris flow in Wenjia gully, Sichuan, China. Natural Hazards, 2021, 106, 937-964.	1.6	6
6	A catastrophic flowslide that overrides a liquefied substrate: the 1983 Saleshan landslide in China. Earth Surface Processes and Landforms, 2021, 46, 2060-2078.	1.2	11
7	Compressibility characteristics of TDA from OTR (off-the-road) tires: A numerical approach. Transportation Geotechnics, 2021, 29, 100561.	2.0	2
8	Assessing Friction Coefficient in HDD Using Analytical Models. Journal of Pipeline Systems Engineering and Practice, 2021, 12, .	0.9	1
9	Performance evaluation of TBM clogging potential for plain and conditioning soil using a newly developed laboratory apparatus. International Journal of Geotechnical Engineering, 2020, 14, 463-472.	1.1	12
10	Numerical modeling of large-scale dam breach experiment. Landslides, 2020, 17, 2737-2754.	2.7	5
11	Numerical Modeling of the Annular Failure Pressure during HDD in Noncohesive Soils. Journal of Pipeline Systems Engineering and Practice, 2020, 11, 04020004.	0.9	1
12	A rapid loess mudflow triggered by the check dam failure in a bulldoze mountain area, Lanzhou, China. Landslides, 2019, 16, 1981-1992.	2.7	44
13	Assessment of the clogging potential of two clays. Applied Clay Science, 2019, 178, 105134.	2.6	11
14	Predicting one-dimensional compression of tire derived aggregate using a simple method. Soils and Foundations, 2019, 59, 1292-1301.	1.3	3
15	Numerical simulation of 2D granular flow entrainment using DEM. Granular Matter, 2018, 20, 1.	1.1	31
16	Clogging potential of tunnel boring machine (TBM): a review. International Journal of Geotechnical Engineering, 2018, 12, 316-323.	1.1	19
17	A progressive entrainment runout model for debris flow analysis and its application. Geomorphology, 2018, 323, 25-40.	1.1	11
18	Characteristics and dynamic runout analyses of 1983 Saleshan landslide. Engineering Geology, 2018, 243, 181-195.	2.9	32

#	ARTICLE	IF	CITATIONS
19	Runout and entrainment analysis of an extremely large rock avalanche—a case study of Yigong, Tibet, China. Landslides, 2017, 14, 123-139.	2.7	35
20	A study of a flowslide with significant entrainment in loess areas in China. Earth Surface Processes and Landforms, 2017, 42, 2295-2305.	1.2	37
21	Mechanical properties of clayey soil relevant for clogging potential. International Journal of Geotechnical Engineering, 2017, , 1-8.	1.1	7
22	Modeling of Entrainment in Debris Flow Analysis for Dry Granular Material. International Journal of Geomechanics, 2017, 17, .	1.3	16
23	Relationships between landslide types and topographic attributes in a loess catchment, China. Journal of Mountain Science, 2012, 9, 742-751.	0.8	32