

# Clarence E Choi

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

491  
citations

840776

11  
h-index

940533

16  
g-index

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18  
docs citations

18  
times ranked

343  
citing authors

#	ARTICLE	IF	CITATIONS
1	The cost of rapid and haphazard urbanization: lessons learned from the Freetown landslide disaster. <i>Landslides</i> , 2019, 16, 1167-1176.	5.4	120
2	Effects of particle size of mono-disperse granular flows impacting a rigid barrier. <i>Natural Hazards</i> , 2018, 91, 1179-1201.	3.4	78
3	Numerical study of granular debris flow run-up against slit dams by discrete element method. <i>Landslides</i> , 2020, 17, 585-595.	5.4	51
4	Depositional mechanisms and morphology of debris flow: physical modelling. <i>Landslides</i> , 2019, 16, 315-332.	5.4	44
5	Numerical investigation of the mechanism of granular flow impact on rigid control structures. <i>Acta Geotechnica</i> , 2021, 16, 2505-2527.	5.7	38
6	Dynamic response of flexible rockfall barriers under different loading geometries. <i>Landslides</i> , 2017, 14, 905-916.	5.4	35
7	Effect of slit size on the impact load against debris-flow mitigation dams. <i>Engineering Geology</i> , 2020, 274, 105764.	6.3	30
8	Effects of particle shape on the cushioning mechanics of rock-filled gabions. <i>Acta Geotechnica</i> , 2021, 16, 1043-1052.	5.7	18
9	Performance of ethylene-vinyl acetate foam as cushioning material for rigid debris-resisting barriers. <i>Landslides</i> , 2018, 15, 1779-1786.	5.4	17
10	Assessment of debris flow multiple-surge load model based on the physical process of debris-barrier interaction. <i>Landslides</i> , 2022, 19, 1165-1177.	5.4	15
11	The effects of upstream flexible barrier on the debris flow entrainment and impact dynamics on a terminal barrier. <i>Canadian Geotechnical Journal</i> , 2022, 59, 1007-1019.	2.8	12
12	Hybrid continuum–discrete simulation of granular impact dynamics. <i>Acta Geotechnica</i> , 2022, 17, 5597-5612.	5.7	7
13	Performance of landslide debris-resisting baffles. <i>HKIE Transactions</i> , 2015, 22, 235-246.	0.1	6
14	Effects of basal clearance on the impact dynamics of dry granular flow against dual rigid barriers. <i>Canadian Geotechnical Journal</i> , 2022, 59, 1161-1174.	2.8	6
15	Debris flow overflowing flexible barrier: physical process and drag load characteristics. <i>Landslides</i> , 2022, 19, 1881-1896.	5.4	6
16	Effects of interactions between transient granular flows and macroscopically rough beds and their implications for bulk flow dynamics. <i>Canadian Geotechnical Journal</i> , 0, , .	2.8	4
17	Study of dynamic debris impact load on flexible debris-resisting barriers and the dynamic pressure coefficient. <i>Canadian Geotechnical Journal</i> , 2022, 59, 2102-2118.	2.8	4
18	Effects of Deflector Orientation on Dry Granular Overflow. , 2017, , .		0