

# Clarence E Choi

## List of Publications by Year in descending order

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18  
papers

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citations

840776

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940533

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docs citations

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times ranked

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citing authors

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