

# Bei Zhang

## List of Publications by Year in descending order

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9  
papers

117  
citations

1307594  
7  
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1474206  
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docs citations

9  
times ranked

24  
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and perspectives in designing engineering structures against debris-flow disaster. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 4476-4497.	2.1	26
2	Computational assessment of baffle performance against rapid granular flows. <i>Landslides</i> , 2021, 18, 485-501.	5.4	25
3	Micro-mechanism and efficiency of baffle structure in deceleration of granular flows. <i>Acta Geotechnica</i> , 2021, 16, 3667-3688.	5.7	17
4	Numerical Investigation of Multiple-Impact Behavior of Granular Flow on a Rigid Barrier. <i>Water (Switzerland)</i> , 2020, 12, 3228.	2.7	11
5	Numerical and analytical analyses of the impact of monodisperse and bidisperse granular flows on a baffle structure. <i>Landslides</i> , 2022, 19, 2629-2651.	5.4	10
6	Review on key issues in centrifuge modeling of flow-structure interaction. <i>European Journal of Environmental and Civil Engineering</i> , 2022, 26, 2354-2370.	2.1	9
7	Flow-Structure Interaction Mechanism under Coriolis Conditions. <i>Journal of Engineering Mechanics - ASCE</i> , 2021, 147, .	2.9	9
8	Seismic shaking-enhanced impact effect of granular flow challenges the barrier design strategy. <i>Soil Dynamics and Earthquake Engineering</i> , 2021, 143, 106655.	3.8	6
9	Effect of unsteady flow dynamics on the impact of monodisperse and bidisperse granular flow. <i>Bulletin of Engineering Geology and the Environment</i> , 2022, 81, 1.	3.5	4