

# Hongzhan Cheng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8060568/publications.pdf>

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8  
papers

205  
citations

1478280  
6  
h-index

1719901  
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g-index

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all docs

8  
docs citations

8  
times ranked

142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic analysis of tunnel face stability considering spatially variable undrained shear strength with linearly increasing mean trend. Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2021, 235, 156-163.	0.6	2
2	Effect of drainage states on dynamic behaviours of Ningbo clay under uniform cyclic loading. Proceedings of the Institution of Civil Engineers: Ground Improvement, 2020, 173, 105-115.	0.7	8
3	Deformation Behaviors and Dynamic Backbone Curve Model of Saturated Soft Clay under Bidirectional Cyclic Loading. International Journal of Geomechanics, 2020, 20, .	1.3	14
4	Analysis of ground surface settlement induced by a large EPB shield tunnelling: a case study in Beijing, China. Environmental Earth Sciences, 2019, 78, 1.	1.3	39
5	Probabilistic Analysis of Ground Movements Caused by Tunneling in a Spatially Variable Soil. International Journal of Geomechanics, 2019, 19, .	1.3	25
6	Three-dimensional analysis of tunnel face stability in spatially variable soils. Computers and Geotechnics, 2019, 111, 76-88.	2.3	27
7	Comparison of Modeling Soil Parameters Using Random Variables and Random Fields in Reliability Analysis of Tunnel Face. International Journal of Geomechanics, 2019, 19, .	1.3	29
8	Risk assessment of slope failure considering the variability in soil properties. Computers and Geotechnics, 2018, 103, 61-72.	2.3	61