

# Chung Siung Choo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2777038/publications.pdf>

Version: 2024-02-01

13  
papers

308  
citations

1307594

7  
h-index

1199594

12  
g-index

15  
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docs citations

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times ranked

96  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Pipe-Jacking Forces Based on Direct Shear Testing of Reconstituted Tunneling Rock Spoils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2015, 141, .	3.0	57
2	Back-analysis and finite element modeling of jacking forces in weathered rocks. <i>Tunnelling and Underground Space Technology</i> , 2016, 51, 1-10.	6.2	49
3	Effect of interparticle behavior on the development of soil arching in soil-structure interaction. <i>Tunnelling and Underground Space Technology</i> , 2020, 106, 103610.	6.2	45
4	Assessment of non-linear rock strength parameters for the estimation of pipe-jacking forces. Part 1. Direct shear testing and backanalysis. <i>Engineering Geology</i> , 2018, 244, 159-172.	6.3	41
5	Assessment of non-linear rock strength parameters for the estimation of pipe-jacking forces. Part 2. Numerical modeling. <i>Engineering Geology</i> , 2020, 265, 105405.	6.3	39
6	Interpretation of Geomaterial Behavior during Shearing Aided by PIV Technology. <i>Journal of Materials in Civil Engineering</i> , 2019, 31, .	2.9	37
7	Impact of highly weathered geology on pipe-jacking forces. <i>Geotechnical Research</i> , 2017, 4, 94-106.	1.4	22
8	Sustainable Pipe Jacking Technology in the Urban Environment. <i>Cities Research Series</i> , 2022, , .	0.5	7
9	Behaviour of reconstituted sand-sized particles in direct shear tests using PIV technology. <i>Japanese Geotechnical Society Special Publication</i> , 2016, 2, 354-359.	0.2	4
10	Complex Soil-€"Pipe Interaction: Challenges in Geological Characterization and Construction. <i>Cities Research Series</i> , 2022, , 43-101.	0.5	2
11	Prediction of Frictional Jacking Forces Using Bayesian Inference. <i>Lecture Notes in Civil Engineering</i> , 2021, , 878-885.	0.4	1
12	Investigation Techniques: Pipe Jacking in Complex Geology. <i>Cities Research Series</i> , 2022, , 7-41.	0.5	1
13	Decarbonizing Tunnel Design and Construction. <i>Cities Research Series</i> , 2022, , 277-313.	0.5	0