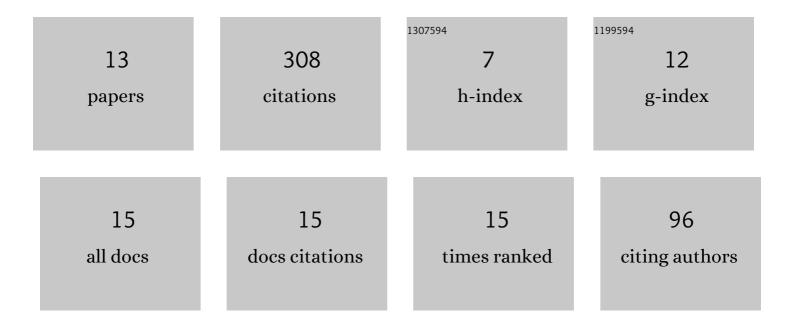
## **Chung Siung Choo**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2777038/publications.pdf Version: 2024-02-01



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