Hoang-Giang Bui

List of Publications by Year
in descending order

		1684188	1720034
7 papers	77 citations	5 h-index	7 g-index
7 all docs	7 docs citations	7 times ranked	49 citing authors

#	ARTICLE	IF	CITATIONS
1	Computationally Efficient Simulation in Urban Mechanized Tunneling Based on Multilevel BIM Models. Journal of Computing in Civil Engineering, 2019, 33, .	4.7	29
2	From digital models to numerical analysis for mechanised tunnelling: A fully automated design-through-analysis workflow. Tunnelling and Underground Space Technology, 2021, 107, 103622.	6.2	18
3	Efficient cut-cell quadrature based on moment fitting for materially nonlinear analysis. Computer Methods in Applied Mechanics and Engineering, 2020, 366, 113050.	6.6	12
4	A parallelization strategy for hydro-mechanically coupled mechanized tunneling simulations. Computers and Geotechnics, 2020, 120, 103378.	4.7	9
5	A CutFEM based framework for numerical simulations of machine driven tunnels with arbitrary alignments. Computers and Geotechnics, 2022, 144, 104637.	4.7	6
6	A variationally consistent hyperstatic reaction method for tunnel lining design. International Journal for Numerical and Analytical Methods in Geomechanics, 2022, 46, 205-217.	3.3	2
7	Application of the Finite Cell Method to Tunnel Engineering Simulation. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800011.	0.2	1