

Michael John Z Brown

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16
papers

493
citations

8
h-index

22
g-index

25
ext. papers

553
ext. citations

2.2
avg, IF

3.15
L-index

#	Paper	IF	Citations
16	Optimised screw pile design for offshore jacket foundations in medium-dense sand. <i>Geotechnique Letters</i> , 2022 , 12, 1-6	1.7	
15	Using discrete-element method hindcasting of screw pile performance for practical design. <i>Geotechnique Letters</i> , 2021 , 11, 1-7	1.7	1
14	Physical modelling to demonstrate the feasibility of screw piles for offshore jacket-supported wind energy structures. <i>Geotechnique</i> , 2020 , 1-19	3.4	12
13	Design of plate and screw anchors in dense sand: failure mechanism, capacity and deformation. <i>E3S Web of Conferences</i> , 2019 , 92, 16010	0.5	1
12	Centrifuge testing to verify scaling of offshore pipeline ploughs. <i>International Journal of Physical Modelling in Geotechnics</i> , 2019 , 19, 305-317	1	7
11	Imposition of essential boundary conditions in the material point method. <i>International Journal for Numerical Methods in Engineering</i> , 2018 , 113, 130-152	2.4	25
10	Modelling Seabed Ploughing Using the Material Point Method. <i>Procedia Engineering</i> , 2017 , 175, 1-7		3
9	Modelling Screwpile Installation Using the MPM. <i>Procedia Engineering</i> , 2017 , 175, 124-132		9
8	Chalk-steel interface testing for marine energy foundations. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2017 , 170, 285-298	0.9	10
7	Pipeline plough performance in sand waves. Part I: model testing. <i>Canadian Geotechnical Journal</i> , 2010 , 47, 49-64	3.2	10
6	Experimental assessment of corneal anisotropy. <i>Journal of Refractive Surgery</i> , 2008 , 24, 178-87	3.3	69
5	Assessment of corneal biomechanical properties and their variation with age. <i>Current Eye Research</i> , 2007 , 32, 11-9	2.9	285
4	Evaluation of Goldmann applanation tonometry using a nonlinear finite element ocular model. <i>Annals of Biomedical Engineering</i> , 2006 , 34, 1628-40	4.7	47
3	Understanding rock-steel interface properties for use in offshore applications. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 1-15	0.9	0
2	Assessing single helix screw pile geometry on offshore installation and axial capacity. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 1-34	0.9	1
1	Control of screw pile installation to optimise performance for offshore energy applications. <i>Geotechnique</i> , 1-52	3.4	4