

# Michael John Z Brown

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

620  
citations

1163117

8  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

695  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding rock-steel interface properties for use in offshore applications. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2023, 176, 27-41.	1.6	3
2	Control of screw pile installation to optimise performance for offshore energy applications. Geotechnique, 2023, 73, 234-249.	4.0	10
3	Physical modelling to demonstrate the feasibility of screw piles for offshore jacket-supported wind energy structures. Geotechnique, 2022, 72, 108-126.	4.0	23
4	Optimised screw pile design for offshore jacket foundations in medium-dense sand. Geotechnique Letters, 2022, 12, 114-119.	1.2	3
5	Assessing single-helix screw pile geometry on offshore installation and axial capacity. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2021, 174, 512-529.	1.6	9
6	Using discrete-element method hindcasting of screw pile performance for practical design. Geotechnique Letters, 2021, 11, 1-7.	1.2	2
7	Design of plate and screw anchors in dense sand: failure mechanism, capacity and deformation. E3S Web of Conferences, 2019, 92, 16010.	0.5	1
8	Centrifuge testing to verify scaling of offshore pipeline ploughs. International Journal of Physical Modelling in Geotechnics, 2019, 19, 305-317.	0.6	7
9	Imposition of essential boundary conditions in the material point method. International Journal for Numerical Methods in Engineering, 2018, 113, 130-152.	2.8	42
10	Modelling Seabed Ploughing Using the Material Point Method. Procedia Engineering, 2017, 175, 1-7.	1.2	3
11	Modelling Screwpile Installation Using the MPM. Procedia Engineering, 2017, 175, 124-132.	1.2	10
12	Chalk-steel interface testing for marine energy foundations. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2017, 170, 285-298.	1.6	13
13	Pipeline plough performance in sand waves. Part 1: model testing. Canadian Geotechnical Journal, 2010, 47, 49-64.	2.8	11
14	Experimental Assessment of Corneal Anisotropy. Journal of Refractive Surgery, 2008, 24, 178-187.	2.3	78
15	Assessment of Corneal Biomechanical Properties and Their Variation with Age. Current Eye Research, 2007, 32, 11-19.	1.5	336
16	Evaluation of Goldmann Applanation Tonometry Using a Nonlinear Finite Element Ocular Model. Annals of Biomedical Engineering, 2006, 34, 1628-1640.	2.5	58