

David Igoe

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

313
citations

1163117

8
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	3D FEM approach for laterally loaded monopile design. Computers and Geotechnics, 2018, 100, 76-83.	4.7	59
2	Piles for offshore wind turbines: a state-of-the-art review. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2011, 164, 245-256.	1.6	45
3	Field validation of fibre Bragg grating sensors for measuring strain on driven steel piles. Geotechnique Letters, 2015, 5, 74-79.	1.2	44
4	Shaft Capacity of Open-Ended Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 903-913.	3.0	43
5	Foundation damping for monopile supported offshore wind turbines: A review. Marine Structures, 2021, 77, 102937.	3.8	29
6	Evaluation of CPT-based α - β models for laterally loaded piles in siliceous sand. Geotechnique Letters, 2014, 4, 110-117.	1.2	25
7	Design of a novel drilled-and-grouted pile in sand for offshore oil&gas structures. Marine Structures, 2014, 39, 39-49.	3.8	17
8	An investigation into the use of push-in pile foundations by the offshore wind sector. International Journal of Environmental Studies, 2013, 70, 777-791.	1.6	10
9	Characterization of the Blessington sand geotechnical test site. AIMS Geosciences, 2019, 5, 145-162.	1.0	9
10	Investigation of Cyclic Loading of Aged Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	3.0	8
11	A field investigation into the mechanisms of pile ageing in sand. Geotechnique, 2021, 71, 120-131.	4.0	6
12	The Development and Testing of an Instrumented Open-Ended Model Pile. Geotechnical Testing Journal, 2010, 33, 72-82.	1.0	6
13	A review of CPT based axial pile design in the Netherlands. Underground Space (China), 2021, 6, 85-99.	7.5	5
14	On the estimation of foundation damping of mono pile-supported offshore wind turbines. Vibroengineering PROCEDIA, 2019, 23, 7-12.	0.5	4
15	Field tests to investigate the cyclic response of monopiles in sand. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2015, 168, 407-421.	1.6	3