David Igoe

List of Publications by Year
in descending order

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15 papers	313 citations	1162889 8 h-index	996849 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.	2.3	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.	0.9	45
3	Field validation of fibre Bragg grating sensors for measuring strain on driven steel piles. Geotechnique Letters, 2015, 5, 74-79.	0.6	44
4	Shaft Capacity of Open-Ended Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 903-913.	1.5	43
5	Foundation damping for monopile supported offshore wind turbines: A review. Marine Structures, 2021, 77, 102937.	1.6	29
6	Evaluation of CPT-based Pâ€“y models for laterally loaded piles in siliceous sand. Geotechnique Letters, 2014, 4, 110-117.	0.6	25
7	Design of a novel drilled-and-grouted pile in sand for offshore oil&gas structures. Marine Structures, 2014, 39, 39-49.	1.6	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.	0.7	10
9	Characterization of the Blessington sand geotechnical test site. AIMS Geosciences, 2019, 5, 145-162.	0.4	9
10	Investigation of Cyclic Loading of Aged Piles in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, .	1.5	8
11	A field investigation into the mechanisms of pile ageing in sand. Geotechnique, 2021, 71, 120-131.	2.2	6
12	The Development and Testing of an Instrumented Open-Ended Model Pile. Geotechnical Testing Journal, 2010, 33, 72-82.	0.5	6
13	A review of CPT based axial pile design in the Netherlands. Underground Space (China), 2021, 6, 85-99.	3.4	5
14	On the estimation of foundation damping of mono pile-supported offshore wind turbines. Vibroengineering PROCEDIA, 2019, 23, 7-12.	0.3	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.	0.9	3