

# David J White

## List of Publications by Year in descending order

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186  
papers

5,957  
citations

76196

40  
h-index

102304

66  
g-index

195  
all docs

195  
docs citations

195  
times ranked

2212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved image-based deformation measurement for geotechnical applications. Canadian Geotechnical Journal, 2016, 53, 727-739.	1.4	283
2	Displacement and strain paths during plane-strain model pile installation in sand. Geotechnique, 2004, 54, 375-397.	2.2	233
3	Recent advances in offshore geotechnics for deep water oil and gas developments. Ocean Engineering, 2011, 38, 818-834.	1.9	155
4	Interpretation of T-bar penetrometer tests at shallow embedment and in very soft soils. Canadian Geotechnical Journal, 2010, 47, 218-229.	1.4	151
5	Uplift Mechanisms of Pipes Buried in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 154-163.	1.5	139
6	The uplift resistance of pipes and plate anchors buried in sand. Geotechnique, 2008, 58, 771-779.	2.2	139
7	Microscale Observation and Modeling of Soil-Structure Interface Behavior Using Particle Image Velocimetry. Soils and Foundations, 2006, 46, 15-28.	1.3	138
8	Limiting cavity depth for spudcan foundations penetrating clay. Geotechnique, 2005, 55, 679-690.	2.2	132
9	Large-deformation finite element analysis of pipe penetration and large-amplitude lateral displacement. Canadian Geotechnical Journal, 2010, 47, 842-856.	1.4	127
10	Mechanisms of pipe embedment and lateral breakout on soft clay. Canadian Geotechnical Journal, 2008, 45, 636-652.	1.4	122
11	Interface Load Transfer Degradation During Cyclic Loading: A Microscale Investigation. Soils and Foundations, 2003, 43, 81-93.	1.3	121
12	Strength of fine-grained soils at the solid-fluid transition. Geotechnique, 2012, 62, 213-226.	2.2	112
13	Relationships between In Situ and Roller-Integrated Compaction Measurements for Granular Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 1763-1770.	1.5	98
14	Centrifuge Modeling of the Cyclic Lateral Response of a Rigid Pile in Soft Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2011, 137, 717-729.	1.5	95
15	The effects of penetration rate and strain softening on the vertical penetration resistance of seabed pipelines. Geotechnique, 2012, 62, 573-582.	2.2	91
16	Upper-bound yield envelopes for pipelines at shallow embedment in clay. Geotechnique, 2008, 58, 297-301.	2.2	86
17	Effect of Surface Heave on Response of Partially Embedded Pipelines on Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 819-829.	1.5	85
18	Modelling the soil resistance on seabed pipelines during large cycles of lateral movement. Marine Structures, 2008, 21, 59-79.	1.6	84

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19	Limit analysis of the undrained bearing capacity of offshore pipelines. <i>Geotechnique</i> , 2012, 62, 847-863.	2.2	83
20	Response of Piles with Wings to Monotonic and Cyclic Lateral Loading in Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012, 138, 364-375.	1.5	83
21	Lateral stress changes and shaft friction for model displacement piles in sand. <i>Canadian Geotechnical Journal</i> , 2005, 42, 1039-1052.	1.4	77
22	Improved Image-Based Deformation Measurement in the Centrifuge Environment. <i>Geotechnical Testing Journal</i> , 2013, 36, 20130044.	0.5	71
23	Numerical simulations of pipe-soil interaction during large lateral movements on clay. <i>Geotechnique</i> , 2012, 62, 693-705.	2.2	70
24	Geostatistical Analysis for Spatially Referenced Roller-Integrated Compaction Measurements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010, 136, 813-822.	1.5	68
25	Interaction forces between pipelines and submarine slides – A geotechnical viewpoint. <i>Ocean Engineering</i> , 2012, 48, 32-37.	1.9	68
26	A dynamic large deformation finite element method based on mesh regeneration. <i>Computers and Geotechnics</i> , 2013, 54, 192-201.	2.3	67
27	Modelling the axial soil resistance on deep-water pipelines. <i>Geotechnique</i> , 2012, 62, 837-846.	2.2	64
28	A comparison of the bearing capacity of flat and conical circular foundations on sand. <i>Geotechnique</i> , 2008, 58, 781-792.	2.2	63
29	Pipe-Soil Interaction With Flowlines During Lateral Buckling and Pipeline Walking - The SAFEBUCK JIP. , 2008, , .		59
30	Engineering and legal considerations for decommissioning of offshore oil and gas infrastructure in Australia. <i>Ocean Engineering</i> , 2017, 131, 338-347.	1.9	58
31	Centrifuge modelling of active slide-pipeline loading in soft clay. <i>Geotechnique</i> , 2014, 64, 16-27.	2.2	55
32	Estimating Compaction of Cohesive Soils from Machine Drive Power. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008, 134, 1771-1777.	1.5	53
33	An analytical study of the effect of penetration rate on piezocone tests in clay. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2006, 30, 501-527.	1.7	49
34	Parametric Solutions for Slide Impact on Pipelines. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010, 136, 940-949.	1.5	49
35	Vermiculate artefacts in image analysis of granular materials. <i>Computers and Geotechnics</i> , 2016, 72, 100-113.	2.3	48
36	Cyclic Lateral Load Response of Bridge Column-Foundation-Soil Systems in Freezing Conditions. <i>Journal of Structural Engineering</i> , 2006, 132, 1745-1754.	1.7	47

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37	Lifelong embedment and spanning of a pipeline on a mobile seabed. Coastal Engineering, 2015, 95, 130-146.	1.7	47
38	Effects of Seasonal Freezing on Bridge Columnâ€œFoundationâ€œSoil Interaction and Their Implications. Earthquake Spectra, 2007, 23, 199-222.	1.6	46
39	Coupled consolidation analysis of pipeâ€œsoil interactions. Canadian Geotechnical Journal, 2013, 50, 609-619.	1.4	44
40	Real-Time Compaction Monitoring in Cohesive Soils from Machine Response. Transportation Research Record, 2005, 1936, 172-180.	1.0	43
41	The influence of sea state on as-laid pipeline embedment: A case study. Applied Ocean Research, 2010, 32, 321-331.	1.8	43
42	Field Assessment and Specification Review for Roller-Integrated Compaction Monitoring Technologies. Advances in Civil Engineering, 2011, 2011, 1-15.	0.4	43
43	Large-scale modelling of soilâ€œpipe interaction during large amplitude cyclic movements of partially embedded pipelines. Canadian Geotechnical Journal, 2007, 44, 977-996.	1.4	42
44	Tolerably mobile subsea foundations â€œ observations of performance. Geotechnique, 2014, 64, 895-909.	2.2	42
45	Sedimentation-induced burial of subsea pipelines: Observations from field data and laboratory experiments. Coastal Engineering, 2016, 114, 137-158.	1.7	42
46	â€œUnderlyingâ€œCauses for Settlement of Bridge Approach Pavement Systems. Journal of Performance of Constructed Facilities, 2007, 21, 273-282.	1.0	41
47	Predicting the rate of scour beneath subsea pipelines in marine sediments under steady flow conditions. Coastal Engineering, 2016, 110, 111-126.	1.7	39
48	A simple model for the effect on soil strength of episodes of remoulding and reconsolidation. Canadian Geotechnical Journal, 2010, 47, 821-826.	1.4	38
49	Controlling lateral buckling of subsea pipeline with sinusoidal shape pre-deformation. Ocean Engineering, 2018, 151, 170-190.	1.9	38
50	Field Calibration and Spatial Analysis of Compaction-Monitoring Technology Measurements. Transportation Research Record, 2007, 2004, 69-79.	1.0	37
51	Modelling the dynamic embedment of seabed pipelines. Geotechnique, 2011, 61, 39-57.	2.2	36
52	An effective stress framework for the variation in penetration resistance due to episodes of remoulding and reconsolidation. Geotechnique, 2013, 63, 30-43.	2.2	35
53	Modelling the embedment process during offshore pipe-laying on fine-grained soils. Canadian Geotechnical Journal, 2013, 50, 15-27.	1.4	33
54	Pipeline Embedment in Deep Water: Processes and Quantitative Assessment. , 2008, , .		32

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55	A wireless high-speed data acquisition system for geotechnical centrifuge model testing. Measurement Science and Technology, 2009, 20, 095709.	1.4	32
56	A new facility for studying ocean-structure“ seabed interactions: The O-tube. Coastal Engineering, 2013, 82, 88-101.	1.7	32
57	Consolidation around partially embedded seabed pipelines. Geotechnique, 2011, 61, 167-173.	2.2	31
58	Strength assessment during shallow penetration of a sphere in clay. Geotechnique Letters, 2014, 4, 262-266.	0.6	30
59	Lateral boundary effects in centrifuge foundation tests. International Journal of Physical Modelling in Geotechnics, 2017, 17, 144-160.	0.5	30
60	The mechanism of steady friction between seabed pipelines and clay soils. Geotechnique, 2011, 61, 1035-1041.	2.2	28
61	Cyclic consolidation and axial friction for seabed pipelines. Geotechnique Letters, 2014, 4, 165-169.	0.6	28
62	Development of customised 3D printed biodegradable projectile for administrating extended-release contraceptive to wildlife. International Journal of Pharmaceutics, 2018, 548, 349-356.	2.6	28
63	Elastoplastic consolidation beneath shallowly embedded offshore pipelines. Geotechnique Letters, 2012, 2, 73-79.	0.6	27
64	The evolution of seabed stiffness during cyclic movement in a riser touchdown zone on soft clay. Geotechnique, 2017, 67, 127-137.	2.2	27
65	Improvements in plate anchor capacity due to cyclic and maintained loads combined with consolidation. Geotechnique, 2020, 70, 732-749.	2.2	27
66	Pipeline Embedment in Deep Water: Processes and Quantitative Assessment. , 2008, , .		27
67	Analysis of Soil Strength Degradation during Episodes of Cyclic Loading, Illustrated by the T-Bar Penetration Test. International Journal of Geomechanics, 2010, 10, 117-123.	1.3	26
68	Behavior of Slender Piles Subject to Free-Field Lateral Soil Movement. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 428-436.	1.5	25
69	Centrifuge modelling of an instrumented free-fall sphere for measurement of undrained strength in fine-grained soils. Canadian Geotechnical Journal, 2016, 53, 918-929.	1.4	25
70	A review of the UK and British Channel Islands practical tidal stream energy resource. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20210469.	1.0	24
71	Spatial pavement roughness from stationary laser scanning. International Journal of Pavement Engineering, 2017, 18, 83-96.	2.2	23
72	Pavement thickness and stabilised foundation layer assessment using ground-coupled GPR. Nondestructive Testing and Evaluation, 2016, 31, 267-287.	1.1	22

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73	Load capacity of caisson anchors exposed to seabed trenching. <i>Ocean Engineering</i> , 2019, 171, 181-192.	1.9	22
74	Field measurements of the stiffness of jacked piles and pile groups. <i>Geotechnique</i> , 2006, 56, 349-354.	2.2	21
75	Effect of Remodling and Reconsolidation on the Touchdown Stiffness of a Steel Catenary Riser: Guidance from Centrifuge Modelling. , 2009, , .		21
76	Wavelet Filter Design for Pavement Roughness Analysis. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2016, 31, 907-920.	6.3	21
77	Continuous wavelet analysis of pavement profiles. <i>Automation in Construction</i> , 2016, 63, 134-143.	4.8	21
78	Mechanistic-based comparisons of stabilised base and granular surface layers of low-volume roads. <i>International Journal of Pavement Engineering</i> , 2019, 20, 112-124.	2.2	21
79	Penetration Resistance and Stiffness Factors for Hemispherical and Toroidal Penetrometers in Uniform Clay. <i>International Journal of Geomechanics</i> , 2011, 11, 263-275.	1.3	20
80	Field observations of as-laid pipeline embedment in carbonate sediments. <i>Geotechnique</i> , 2012, 62, 787-798.	2.2	20
81	<i>In situ</i> mechanistic characterisations of granular pavement foundation layers. <i>International Journal of Pavement Engineering</i> , 2012, 13, 52-67.	2.2	20
82	Stability of subsea pipelines during large storms. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2015, 373, 20140106.	1.6	20
83	Estimation of soil strength in fine-grained soils by instrumented free-fall sphere tests. <i>Geotechnique</i> , 2016, 66, 959-968.	2.2	20
84	An effective stress analysis for predicting the evolution of seabed stiffness accounting for consolidation. <i>Geotechnique</i> , 2020, 70, 448-467.	2.2	20
85	Penetrometer testing in a calcareous silt to explore changes in soil strength. <i>Geotechnique</i> , 2020, 70, 1160-1173.	2.2	20
86	Analytical modelling of the steady flow of a submarine slide and consequent loading on a pipeline. <i>Geotechnique</i> , 2012, 62, 137-146.	2.2	19
87	Assessing Soil Stiffness of Stabilized Pavement Foundations. <i>Transportation Research Record</i> , 2013, 2335, 99-109.	1.0	19
88	Evaluation of Elastic Stiffness Parameters for Pipeline-Soil Interaction. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016, 142, 04016009.	1.5	19
89	Friction fatigue on displacement piles in sand. <i>Geotechnique</i> , 2004, 54, 645-658.	2.2	19
90	Pipeline Laying and Embedment in Soft Fine-grained Soils: Field Observations and Numerical Simulations. , 2010, , .		18

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91	Strength properties of ultra-soft kaolin. Canadian Geotechnical Journal, 2014, 51, 420-431.	1.4	18
92	MEMS accelerometers for measuring dynamic penetration events in geotechnical centrifuge tests. International Journal of Physical Modelling in Geotechnics, 2014, 14, 31-39.	0.5	18
93	Theoretical framework for predicting the response of tolerably mobile subsea installations. Geotechnique, 2017, 67, 608-620.	2.2	17
94	Effects of variability in lateral pipe-soil interaction and pipe initial out-of-straightness on controlled lateral buckling of pre-deformed pipeline. Ocean Engineering, 2019, 182, 283-304.	1.9	17
95	Numerical modelling of seepage and tension beneath plate anchors. Computers and Geotechnics, 2019, 108, 131-142.	2.3	17
96	Contributions to Geotechnique 1948-2008: Physical modelling. Geotechnique, 2008, 58, 413-421.	2.2	16
97	Power-Based Compaction Monitoring Using Vibratory Padfoot Roller. , 2006, , 1.		15
98	Assessment of the consolidated breakout response of partially embedded subsea pipelines. Geotechnique, 2014, 64, 391-399.	2.2	15
99	Subsea pipeline walking with velocity dependent seabed friction. Applied Ocean Research, 2019, 82, 296-308.	1.8	15
100	Effects of screw pile installation on installation requirements and in-service performance using the discrete element method. Canadian Geotechnical Journal, 2021, 58, 1334-1350.	1.4	15
101	Roller-Integrated Compaction Monitoring for Hot-Mix Asphalt Overlay Construction. Journal of Transportation Engineering, 2013, 139, 1164-1173.	0.9	14
102	In Situ Measurement of the Dynamic Penetration of Free-Fall Projectiles in Soft Soils Using a Low-Cost Inertial Measurement Unit. Geotechnical Testing Journal, 2016, 39, 235-251.	0.5	14
103	Moisture-Density-Strength-Energy Relationships for Gyrotory Compacted Geomaterials. Geotechnical Testing Journal, 2015, 38, 20140159.	0.5	14
104	Centrifuge Modelling of Riser-Soil Stiffness Degradation in the Touchdown Zone of a Steel Catenary Riser. , 2008, , .		13
105	Mechanically reinforced granular shoulders on soft subgrade: Laboratory and full scale studies. Geotextiles and Geomembranes, 2011, 29, 149-160.	2.3	13
106	Comparison of failure modes below footings on carbonate and silica sands. International Journal of Physical Modelling in Geotechnics, 2013, 13, 1-12.	0.5	13
107	Simple prediction of the undrained displacement of a circular surface foundation on non-linear soil. Geotechnique, 2007, 57, 729-737.	2.2	12
108	Physical and Numerical Simulation of Shallow Penetration of a Cylindrical Object into Soft Clay. , 2008, , .		12

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109	Anchor loads in taut moorings: The impact of inverse catenary shakedown. Applied Ocean Research, 2017, 67, 225-235.	1.8	12
110	Simple solutions for downslope pipeline walking on elastic-perfectly-plastic soils. Ocean Engineering, 2019, 172, 671-683.	1.9	12
111	Techniques for the assessment of pipe-soil interaction forces for future deepwater developments. , 2009, , .		11
112	Consolidation Around Seabed Pipelines. , 2010, , .		11
113	Interpreting T-bar tests in ultra-soft clay. International Journal of Physical Modelling in Geotechnics, 2014, 14, 13-19.	0.5	11
114	Foundation punch-through in clay with sand: analytical modelling. Geotechnique, 2017, 67, 672-690.	2.2	11
115	The influence of permeability on the erosion rate of fine-grained marine sediments. Coastal Engineering, 2018, 140, 124-135.	1.7	11
116	Performance Problems and Stabilization Techniques for Granular Shoulders. Journal of Performance of Constructed Facilities, 2010, 24, 159-169.	1.0	10
117	LDFE study of bottom boundary effect in foundation model tests. International Journal of Physical Modelling in Geotechnics, 2014, 14, 80-87.	0.5	10
118	Field assessment of a jointed concrete pavement foundation treated with injected polyurethane expandable foam. International Journal of Pavement Engineering, 2015, 16, 906-918.	2.2	10
119	Laboratory development of a vertically oriented penetrometer for shallow seabed characterization. Canadian Geotechnical Journal, 2016, 53, 93-102.	1.4	10
120	Sediment transport and trench development beneath a cylinder oscillating normal to a sandy seabed. Coastal Engineering, 2018, 140, 395-410.	1.7	10
121	Long-Term Strength and Durability of Hydrated Fly-Ash Road Bases. Transportation Research Record, 2001, 1755, 151-159.	1.0	9
122	A parkable piezoprobe for measuring cvat shallow depths for offshore design. Geotechnique, 2014, 64, 83-88.	2.2	9
123	A tool for ROV-based seabed friction measurement. Applied Ocean Research, 2015, 50, 155-162.	1.8	9
124	Physical modelling of pipe embedment and equalisation in clay. Geotechnique, 2016, 66, 602-609.	2.2	9
125	Parametric solution of lateral buckling of submarine pipelines. Applied Ocean Research, 2020, 98, 102077.	1.8	9
126	An efficient and locking-free material point method for three-dimensional analysis with simplex elements. International Journal for Numerical Methods in Engineering, 2021, 122, 3876-3899.	1.5	9



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127	Reclaimed Hydrated Fly Ash As a Geomaterial. Journal of Materials in Civil Engineering, 2006, 18, 206-213.	1.3	8
128	Geotechnical Centrifuge Modelling Techniques for Submarine Slides. , 2009, , .		8
129	Lateral Boundary Effect in Centrifuge Tests for Spudcan Penetration in Uniform Clay. Applied Mechanics and Materials, 0, 553, 458-463.	0.2	8
130	Challenges in transferring knowledge between scales in coastal sediment dynamics. Frontiers in Marine Science, 2015, 2, .	1.2	8
131	Effect of wave boundary layer on hydrodynamic forces on small diameter pipelines. Ocean Engineering, 2016, 125, 26-30.	1.9	8
132	Spatial Verification of Modulus for Pavement Foundation System. Transportation Research Record, 2018, 2672, 333-346.	1.0	8
133	Discussion of "Accuracy of Digital Image Correlation for Measuring Deformations in Transparent Media" by Samer Sadek, Magued G. Iskander, and Jinyuan Liu. Journal of Computing in Civil Engineering, 2005, 19, 217-219.	2.5	7
134	Characterization of the Solid-Fluid Transition of Fine-Grained Sediments. , 2009, , .		7
135	Centrifuge modelling of the pushover failure of an electricity transmission tower. Canadian Geotechnical Journal, 2010, 47, 413-424.	1.4	7
136	Sediment Mobility Effects on Seabed Resistance for Unburied Pipelines. , 2014, , .		7
137	Modelling spatial variability in as-laid embedment for high pressure and high temperature (HPHT) pipeline design. Canadian Geotechnical Journal, 2016, 53, 1853-1865.	1.4	7
138	Changes in Pipeline Embedment due to Sediment Mobility: Observations and Implications for Design. , 2013, , .		6
139	Elastoplastic consolidation solutions for scaling from shallow penetrometers to pipelines. Canadian Geotechnical Journal, 2017, 54, 881-895.	1.4	6
140	The effect of permeability on the erosion threshold of fine-grained sediments. Coastal Engineering, 2021, 163, 103813.	1.7	6
141	Uplift resistance of buried pipelines: The contribution of seepage forces. Ocean Engineering, 2022, 250, 111037.	1.9	6
142	Rapid Assessment of Cement and Fiber-Stabilized Soil Using Roller-Integrated Compaction Monitoring. Transportation Research Record, 2008, 2059, 95-102.	1.0	5
143	Numerical Simulations of Dynamic Embedment During Pipe Laying on Soft Clay. , 2009, , .		5
144	Effect of prior loading cycles on vertical bearing capacity of clay. International Journal of Physical Modelling in Geotechnics, 2014, 14, 88-98.	0.5	5

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145	Experiments Using a Novel Penetrometer to Assess Changing Strength of Clay during Remolding and Reconsolidation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017, 143, 06016030.	1.5	5
146	Lateral resistance of pipelines and cables on rocky seabeds. <i>Canadian Geotechnical Journal</i> , 2019, 56, 823-839.	1.4	5
147	Reliability of mooring lines and piles for a permanently manned vessel in a tropical cyclone environment. <i>Applied Ocean Research</i> , 2019, 82, 430-446.	1.8	5
148	Mooring system reliability in tropical cyclone and North Sea winter storm environments. <i>Applied Ocean Research</i> , 2019, 88, 306-316.	1.8	5
149	An extended Prandtl solution for analytical modelling of the bearing capacity of a shallow foundation on a spatially variable undrained clay. <i>Geotechnique</i> , 2022, 72, 800-809.	2.2	5
150	Comparing CPT and pile base resistance in sand. <i>Proceedings of the Institution of Civil Engineers: Geotechnical Engineering</i> , 2005, 158, 3-14.	0.9	5
151	PSD measurement using the single particle optical sizing (SPOS) method. <i>Geotechnique</i> , 2003, 53, 317-326.	2.2	5
152	Development of a prototype autonomous inspection robot for offshore riser cables. <i>Ocean Engineering</i> , 2022, 257, 111485.	1.9	5
153	Research on the Coupling Effects Between Ship Motions and Sloshing. , 2014, , .		4
154	A novel approach for time-dependent axial soil resistance in the analysis of subsea pipelines. <i>Computers and Geotechnics</i> , 2015, 69, 641-651.	2.3	4
155	Investigating Frost Heave Deterioration at Pavement Joint Locations. <i>Journal of Performance of Constructed Facilities</i> , 2018, 32, .	1.0	4
156	Quantifying fishing activity targeting subsea pipelines by commercial trap fishers. <i>Reviews in Fish Biology and Fisheries</i> , 2021, 31, 1009-1023.	2.4	4
157	Hydrodynamic forces on subsea cables immersed in wave boundary layers. <i>Coastal Engineering</i> , 2022, 174, 104101.	1.7	4
158	Free Field Sediment Mobility on Australia's North West Shelf. , 2013, , .		3
159	Observed changes to the stability of a subsea pipeline caused by seabed mobility. <i>Ocean Engineering</i> , 2018, 169, 159-176.	1.9	3
160	Machine Drive Power Based Roller-Integrated Compaction Measurements for Cohesive Embankment Construction. , 2016, , .		3
161	Jet injection needle-free dental anaesthesia: Initial findings. <i>Journal of Dentistry</i> , 2022, 122, 104165.	1.7	3
162	Settlement Monitoring of Large Box Culvert Supported by Rammed Aggregate Piers " A Case History. , 2004, , 1566.		2

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163	Video Observations of Dynamic Embedment During Pipelaying in Soft Clay. , 2009, , .		2
164	Unlocking the Benefits of Long-Term Pipeline-Embedment Processes: Image Analysisâ€‘Based Processing of Historic Survey Data. Journal of Pipeline Systems Engineering and Practice, 2016, 7, 04016008.	0.9	2
165	Risk-Based Assessment of Scour Around Subsea Infrastructure. , 2016, , .		2
166	Improved Stability Design of Subsea Pipelines on Mobile Seabeds: Learnings From the STABLEpipe JIP. , 2018, , .		2
167	Modelling the degradation of penetration resistance during cyclic T-bar tests in a Gulf of Mexico clay. Soils and Foundations, 2019, 59, 2331-2340.	1.3	2
168	Assessment of Support Conditions of Concrete Pavement Using FWD Deflection Basin Data. Journal of Testing and Evaluation, 2019, 47, 2451-2463.	0.4	2
169	Calibration of UWAâ€™s O-Tube Flume Facility. , 2012, , .		2
170	Implications of Changes in Suction and Moisture Regime in Highway Foundations and Embankments. , 2004, , 2115.		1
171	The Use of Centrifuge Model Testing to Provide Geotechnical Input Parameters for Pipeline Engineering. , 2013, , .		1
172	Estimating Mechanistic Parameters for Subgrade Using Gyrotory Compaction with Pressure Distribution Analyzer. Journal of Materials in Civil Engineering, 2017, 29, 04017216.	1.3	1
173	Pipeline and Cable Stability: Updated State of the Art. , 2018, , .		1
174	Subsea Cable Stability on Rocky Seabeds: Comparison of Field Observations Against Conventional and Novel Design Methods. , 2018, , .		1
175	Analysis of Axial Response of Submarine Pipeline to Debris-Flow Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 06020029.	1.5	1
176	The variability of marine sediment erodibility with depth: Centimetric scale effects detected from portable erosion flume tests. Applied Ocean Research, 2021, 113, 102721.	1.8	1
177	Geotechnical hazards and seafloor stability of the northwest shelf. Preview, 2010, 2010, 35-37.	0.0	0
178	Lateral Movement of Pipelines on a Soft Clay Seabed: Large Deformation Finite Element Analysis. , 2011, , .		0
179	A Re-Examination of the Hydrodynamic Forces Acting on Partially-Buried Submarine Pipelines. , 2012, , .		0
180	Effect of a Strong Middle Layer on Spudcan Penetration. , 2014, , .		0

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181	Predicting the Changing Soil Response for Vertical Pipe-Seabed Interaction Accounting for Remoulding, Reconsolidation and Maintained Load. , 2017, , .		0
182	Evaluation of Reclaimed Hydrated Fly Ash as an Aggregate for Sustainable Roadway Base Material. Advances in Civil Engineering, 2021, 2021, 1-8.	0.4	0
183	Partially Mobile Shallow Subsea Foundations: A Practical Analysis Framework. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 04021064.	1.5	0
184	Continuous Characterisation of Near-Surface Soil Strength. , 2014, , .		0
185	Solutions for Downslope Pipeline Walking on a Seabed With a Peaky Trilinear Soil Resistance Model. Journal of Offshore Mechanics and Arctic Engineering, 2021, 143, .	0.6	0
186	Autonomous Identification of Suitable Geotechnical Measurement Locations using Underwater Vehicles. , 2021, , .		0