

David J White

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3817054/publications.pdf>

Version: 2024-02-01

189
papers

5,957
citations

71102

41
h-index

98798

67
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.	2.8	283
2	Displacement and strain paths during plane-strain model pile installation in sand. Geotechnique, 2004, 54, 375-397.	4.0	233
3	Recent advances in offshore geotechnics for deep water oil and gas developments. Ocean Engineering, 2011, 38, 818-834.	4.3	155
4	Interpretation of T-bar penetrometer tests at shallow embedment and in very soft soils. Canadian Geotechnical Journal, 2010, 47, 218-229.	2.8	151
5	Uplift Mechanisms of Pipes Buried in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 154-163.	3.0	139
6	The uplift resistance of pipes and plate anchors buried in sand. Geotechnique, 2008, 58, 771-779.	4.0	139
7	Microscale Observation and Modeling of Soil-Structure Interface Behavior Using Particle Image Velocimetry. Soils and Foundations, 2006, 46, 15-28.	3.1	138
8	Soil deformation measurement using particle image velocimetry (PIV) and photogrammetry. Geotechnique, 2003, 53, 619-631.	4.0	133
9	Limiting cavity depth for spudcan foundations penetrating clay. Geotechnique, 2005, 55, 679-690.	4.0	132
10	Large-deformation finite element analysis of pipe penetration and large-amplitude lateral displacement. Canadian Geotechnical Journal, 2010, 47, 842-856.	2.8	127
11	Mechanisms of pipe embedment and lateral breakout on soft clay. Canadian Geotechnical Journal, 2008, 45, 636-652.	2.8	122
12	Interface Load Transfer Degradation During Cyclic Loading: A Microscale Investigation. Soils and Foundations, 2003, 43, 81-93.	3.1	121
13	Strength of fine-grained soils at the solidâ€“fluid transition. Geotechnique, 2012, 62, 213-226.	4.0	112
14	Relationships between In Situ and Roller-Integrated Compaction Measurements for Granular Soils. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 1763-1770.	3.0	98
15	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.	3.0	95
16	The effects of penetration rate and strain softening on the vertical penetration resistance of seabed pipelines. Geotechnique, 2012, 62, 573-582.	4.0	91
17	Upper-bound yield envelopes for pipelines at shallow embedment in clay. Geotechnique, 2008, 58, 297-301.	4.0	86
18	Effect of Surface Heave on Response of Partially Embedded Pipelines on Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2009, 135, 819-829.	3.0	85

#	ARTICLE	IF	CITATIONS
19	Modelling the soil resistance on seabed pipelines during large cycles of lateral movement. Marine Structures, 2008, 21, 59-79.	3.8	84
20	Limit analysis of the undrained bearing capacity of offshore pipelines. Geotechnique, 2012, 62, 847-863.	4.0	83
21	Response of Piles with Wings to Monotonic and Cyclic Lateral Loading in Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 364-375.	3.0	83
22	Lateral stress changes and shaft friction for model displacement piles in sand. Canadian Geotechnical Journal, 2005, 42, 1039-1052.	2.8	77
23	Improved Image-Based Deformation Measurement in the Centrifuge Environment. Geotechnical Testing Journal, 2013, 36, 20130044.	1.0	71
24	Numerical simulations of pipe-soil interaction during large lateral movements on clay. Geotechnique, 2012, 62, 693-705.	4.0	70
25	Geostatistical Analysis for Spatially Referenced Roller-Integrated Compaction Measurements. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 813-822.	3.0	68
26	Interaction forces between pipelines and submarine slides – A geotechnical viewpoint. Ocean Engineering, 2012, 48, 32-37.	4.3	68
27	A dynamic large deformation finite element method based on mesh regeneration. Computers and Geotechnics, 2013, 54, 192-201.	4.7	67
28	Modelling the axial soil resistance on deep-water pipelines. Geotechnique, 2012, 62, 837-846.	4.0	64
29	A comparison of the bearing capacity of flat and conical circular foundations on sand. Geotechnique, 2008, 58, 781-792.	4.0	63
30	Pipe-Soil Interaction With Flowlines During Lateral Buckling and Pipeline Walking - The SAFEBUCK JIP. , 2008, , .		59
31	Engineering and legal considerations for decommissioning of offshore oil and gas infrastructure in Australia. Ocean Engineering, 2017, 131, 338-347.	4.3	58
32	Centrifuge modelling of active slide-pipeline loading in soft clay. Geotechnique, 2014, 64, 16-27.	4.0	55
33	Estimating Compaction of Cohesive Soils from Machine Drive Power. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 1771-1777.	3.0	53
34	An analytical study of the effect of penetration rate on piezocone tests in clay. International Journal for Numerical and Analytical Methods in Geomechanics, 2006, 30, 501-527.	3.3	49
35	Parametric Solutions for Slide Impact on Pipelines. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 940-949.	3.0	49
36	Vermiculate artefacts in image analysis of granular materials. Computers and Geotechnics, 2016, 72, 100-113.	4.7	48

#	ARTICLE	IF	CITATIONS
37	Cyclic Lateral Load Response of Bridge Column-Foundation-Soil Systems in Freezing Conditions. Journal of Structural Engineering, 2006, 132, 1745-1754.	3.4	47
38	Lifelong embedment and spanning of a pipeline on a mobile seabed. Coastal Engineering, 2015, 95, 130-146.	4.0	47
39	Effects of Seasonal Freezing on Bridge Column-Foundation-Soil Interaction and Their Implications. Earthquake Spectra, 2007, 23, 199-222.	3.1	46
40	Coupled consolidation analysis of pipe-soil interactions. Canadian Geotechnical Journal, 2013, 50, 609-619.	2.8	44
41	Real-Time Compaction Monitoring in Cohesive Soils from Machine Response. Transportation Research Record, 2005, 1936, 172-180.	1.9	43
42	The influence of sea state on as-laid pipeline embedment: A case study. Applied Ocean Research, 2010, 32, 321-331.	4.1	43
43	Field Assessment and Specification Review for Roller-Integrated Compaction Monitoring Technologies. Advances in Civil Engineering, 2011, 2011, 1-15.	0.7	43
44	Large-scale modelling of soil-pipe interaction during large amplitude cyclic movements of partially embedded pipelines. Canadian Geotechnical Journal, 2007, 44, 977-996.	2.8	42
45	Tolerably mobile subsea foundations - observations of performance. Geotechnique, 2014, 64, 895-909.	4.0	42
46	Sedimentation-induced burial of subsea pipelines: Observations from field data and laboratory experiments. Coastal Engineering, 2016, 114, 137-158.	4.0	42
47	Underlying Causes for Settlement of Bridge Approach Pavement Systems. Journal of Performance of Constructed Facilities, 2007, 21, 273-282.	2.0	41
48	Predicting the rate of scour beneath subsea pipelines in marine sediments under steady flow conditions. Coastal Engineering, 2016, 110, 111-126.	4.0	39
49	A simple model for the effect on soil strength of episodes of remoulding and reconsolidation. Canadian Geotechnical Journal, 2010, 47, 821-826.	2.8	38
50	Controlling lateral buckling of subsea pipeline with sinusoidal shape pre-deformation. Ocean Engineering, 2018, 151, 170-190.	4.3	38
51	Field Calibration and Spatial Analysis of Compaction-Monitoring Technology Measurements. Transportation Research Record, 2007, 2004, 69-79.	1.9	37
52	Modelling the dynamic embedment of seabed pipelines. Geotechnique, 2011, 61, 39-57.	4.0	36
53	An effective stress framework for the variation in penetration resistance due to episodes of remoulding and reconsolidation. Geotechnique, 2013, 63, 30-43.	4.0	35
54	Modelling the embedment process during offshore pipe-laying on fine-grained soils. Canadian Geotechnical Journal, 2013, 50, 15-27.	2.8	33

#	ARTICLE	IF	CITATIONS
55	Pipeline Embedment in Deep Water: Processes and Quantitative Assessment. , 2008, , .		32
56	A wireless high-speed data acquisition system for geotechnical centrifuge model testing. Measurement Science and Technology, 2009, 20, 095709.	2.6	32
57	A new facility for studying ocean-structureâ€œseabed interactions: The O-tube. Coastal Engineering, 2013, 82, 88-101.	4.0	32
58	Consolidation around partially embedded seabed pipelines. Geotechnique, 2011, 61, 167-173.	4.0	31
59	Strength assessment during shallow penetration of a sphere in clay. Geotechnique Letters, 2014, 4, 262-266.	1.2	30
60	Lateral boundary effects in centrifuge foundation tests. International Journal of Physical Modelling in Geotechnics, 2017, 17, 144-160.	0.6	30
61	The mechanism of steady friction between seabed pipelines and clay soils. Geotechnique, 2011, 61, 1035-1041.	4.0	28
62	Cyclic consolidation and axial friction for seabed pipelines. Geotechnique Letters, 2014, 4, 165-169.	1.2	28
63	Development of customised 3D printed biodegradable projectile for administrating extended-release contraceptive to wildlife. International Journal of Pharmaceutics, 2018, 548, 349-356.	5.2	28
64	Elastoplastic consolidation beneath shallowly embedded offshore pipelines. Geotechnique Letters, 2012, 2, 73-79.	1.2	27
65	The evolution of seabed stiffness during cyclic movement in a riser touchdown zone on soft clay. Geotechnique, 2017, 67, 127-137.	4.0	27
66	Improvements in plate anchor capacity due to cyclic and maintained loads combined with consolidation. Geotechnique, 2020, 70, 732-749.	4.0	27
67	Pipeline Embedment in Deep Water: Processes and Quantitative Assessment. , 2008, , .		27
68	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.	2.7	26
69	Behavior of Slender Piles Subject to Free-Field Lateral Soil Movement. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2008, 134, 428-436.	3.0	25
70	Centrifuge modelling of an instrumented free-fall sphere for measurement of undrained strength in fine-grained soils. Canadian Geotechnical Journal, 2016, 53, 918-929.	2.8	25
71	Uplift resistance of buried submarine pipelines: comparison between centrifuge modelling and full-scale tests. Geotechnique, 2003, 53, 877-883.	4.0	25
72	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.	2.1	24

#	ARTICLE	IF	CITATIONS
73	Spatial pavement roughness from stationary laser scanning. International Journal of Pavement Engineering, 2017, 18, 83-96.	4.4	23
74	Pavement thickness and stabilised foundation layer assessment using ground-coupled GPR. Nondestructive Testing and Evaluation, 2016, 31, 267-287.	2.1	22
75	Load capacity of caisson anchors exposed to seabed trenching. Ocean Engineering, 2019, 171, 181-192.	4.3	22
76	Field measurements of the stiffness of jacked piles and pile groups. Geotechnique, 2006, 56, 349-354.	4.0	21
77	Effect of Remodling and Reconsolidation on the Touchdown Stiffness of a Steel Catenary Riser: Guidance from Centrifuge Modelling. , 2009, , .		21
78	Wavelet Filter Design for Pavement Roughness Analysis. Computer-Aided Civil and Infrastructure Engineering, 2016, 31, 907-920.	9.8	21
79	Continuous wavelet analysis of pavement profiles. Automation in Construction, 2016, 63, 134-143.	9.8	21
80	Mechanistic-based comparisons of stabilised base and granular surface layers of low-volume roads. International Journal of Pavement Engineering, 2019, 20, 112-124.	4.4	21
81	Penetration Resistance and Stiffness Factors for Hemispherical and Toroidal Penetrometers in Uniform Clay. International Journal of Geomechanics, 2011, 11, 263-275.	2.7	20
82	Field observations of as-laid pipeline embedment in carbonate sediments. Geotechnique, 2012, 62, 787-798.	4.0	20
83	<i>In situ</i> mechanistic characterisations of granular pavement foundation layers. International Journal of Pavement Engineering, 2012, 13, 52-67.	4.4	20
84	Stability of subsea pipelines during large storms. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140106.	3.4	20
85	Estimation of soil strength in fine-grained soils by instrumented free-fall sphere tests. Geotechnique, 2016, 66, 959-968.	4.0	20
86	An effective stress analysis for predicting the evolution of seabed stiffness accounting for consolidation. Geotechnique, 2020, 70, 448-467.	4.0	20
87	Penetrometer testing in a calcareous silt to explore changes in soil strength. Geotechnique, 2020, 70, 1160-1173.	4.0	20
88	Analytical modelling of the steady flow of a submarine slide and consequent loading on a pipeline. Geotechnique, 2012, 62, 137-146.	4.0	19
89	Assessing Soil Stiffness of Stabilized Pavement Foundations. Transportation Research Record, 2013, 2335, 99-109.	1.9	19
90	Evaluation of Elastic Stiffness Parameters for Pipeline-Soil Interaction. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2016, 142, 04016009.	3.0	19

#	ARTICLE	IF	CITATIONS
91	Friction fatigue on displacement piles in sand. Geotechnique, 2004, 54, 645-658.	4.0	19
92	Pipeline Laying and Embedment in Soft Fine-grained Soils: Field Observations and Numerical Simulations. , 2010, , .		18
93	Strength properties of ultra-soft kaolin. Canadian Geotechnical Journal, 2014, 51, 420-431.	2.8	18
94	MEMS accelerometers for measuring dynamic penetration events in geotechnical centrifuge tests. International Journal of Physical Modelling in Geotechnics, 2014, 14, 31-39.	0.6	18
95	Theoretical framework for predicting the response of tolerably mobile subsea installations. Geotechnique, 2017, 67, 608-620.	4.0	17
96	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.	4.3	17
97	Numerical modelling of seepage and tension beneath plate anchors. Computers and Geotechnics, 2019, 108, 131-142.	4.7	17
98	Contributions to <i>GÃ©otechnique</i> 1948â€“2008: Physical modelling. Geotechnique, 2008, 58, 413-421.	4.0	16
99	Power-Based Compaction Monitoring Using Vibratory Padfoot Roller. , 2006, , 1.		15
100	Assessment of the consolidated breakout response of partially embedded subsea pipelines. Geotechnique, 2014, 64, 391-399.	4.0	15
101	Subsea pipeline walking with velocity dependent seabed friction. Applied Ocean Research, 2019, 82, 296-308.	4.1	15
102	Effects of screw pile installation on installation requirements and in-service performance using the discrete element method. Canadian Geotechnical Journal, 2021, 58, 1334-1350.	2.8	15
103	Roller-Integrated Compaction Monitoring for Hot-Mix Asphalt Overlay Construction. Journal of Transportation Engineering, 2013, 139, 1164-1173.	0.9	14
104	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.	1.0	14
105	Moisture-Density-Strength-Energy Relationships for Gyrotory Compacted Geomaterials. Geotechnical Testing Journal, 2015, 38, 20140159.	1.0	14
106	Centrifuge Modelling of Riser-Soil Stiffness Degradation in the Touchdown Zone of a Steel Catenary Riser. , 2008, , .		13
107	Mechanically reinforced granular shoulders on soft subgrade: Laboratory and full scale studies. Geotextiles and Geomembranes, 2011, 29, 149-160.	4.6	13
108	Comparison of failure modes below footings on carbonate and silica sands. International Journal of Physical Modelling in Geotechnics, 2013, 13, 1-12.	0.6	13

#	ARTICLE	IF	CITATIONS
109	Simple prediction of the undrained displacement of a circular surface foundation on non-linear soil. <i>Geotechnique</i> , 2007, 57, 729-737.	4.0	12
110	Physical and Numerical Simulation of Shallow Penetration of a Cylindrical Object into Soft Clay. , 2008, , .		12
111	Anchor loads in taut moorings: The impact of inverse catenary shakedown. <i>Applied Ocean Research</i> , 2017, 67, 225-235.	4.1	12
112	Simple solutions for downslope pipeline walking on elastic-perfectly-plastic soils. <i>Ocean Engineering</i> , 2019, 172, 671-683.	4.3	12
113	The ultimate undrained resistance of partially embedded pipelines. <i>Geotechnique</i> , 2008, 58, 461-470.	4.0	12
114	Techniques for the assessment of pipe-soil interaction forces for future deepwater developments. , 2009, , .		11
115	Consolidation Around Seabed Pipelines. , 2010, , .		11
116	Interpreting T-bar tests in ultra-soft clay. <i>International Journal of Physical Modelling in Geotechnics</i> , 2014, 14, 13-19.	0.6	11
117	Foundation punch-through in clay with sand: analytical modelling. <i>Geotechnique</i> , 2017, 67, 672-690.	4.0	11
118	The influence of permeability on the erosion rate of fine-grained marine sediments. <i>Coastal Engineering</i> , 2018, 140, 124-135.	4.0	11
119	Performance Problems and Stabilization Techniques for Granular Shoulders. <i>Journal of Performance of Constructed Facilities</i> , 2010, 24, 159-169.	2.0	10
120	LDPE study of bottom boundary effect in foundation model tests. <i>International Journal of Physical Modelling in Geotechnics</i> , 2014, 14, 80-87.	0.6	10
121	Field assessment of a jointed concrete pavement foundation treated with injected polyurethane expandable foam. <i>International Journal of Pavement Engineering</i> , 2015, 16, 906-918.	4.4	10
122	Laboratory development of a vertically oriented penetrometer for shallow seabed characterization. <i>Canadian Geotechnical Journal</i> , 2016, 53, 93-102.	2.8	10
123	Sediment transport and trench development beneath a cylinder oscillating normal to a sandy seabed. <i>Coastal Engineering</i> , 2018, 140, 395-410.	4.0	10
124	Long-Term Strength and Durability of Hydrated Fly-Ash Road Bases. <i>Transportation Research Record</i> , 2001, 1755, 151-159.	1.9	9
125	A parkable piezoprobe for measuring cvat shallow depths for offshore design. <i>Geotechnique</i> , 2014, 64, 83-88.	4.0	9
126	A tool for ROV-based seabed friction measurement. <i>Applied Ocean Research</i> , 2015, 50, 155-162.	4.1	9

#	ARTICLE	IF	CITATIONS
127	Physical modelling of pipe embedment and equalisation in clay. <i>Geotechnique</i> , 2016, 66, 602-609.	4.0	9
128	Parametric solution of lateral buckling of submarine pipelines. <i>Applied Ocean Research</i> , 2020, 98, 102077.	4.1	9
129	An efficient and locking-free material point method for three-dimensional analysis with simplex elements. <i>International Journal for Numerical Methods in Engineering</i> , 2021, 122, 3876-3899.	2.8	9
130	Reclaimed Hydrated Fly Ash As a Geomaterial. <i>Journal of Materials in Civil Engineering</i> , 2006, 18, 206-213.	2.9	8
131	Geotechnical Centrifuge Modelling Techniques for Submarine Slides. , 2009, , .		8
132	Lateral Boundary Effect in Centrifuge Tests for Spudcan Penetration in Uniform Clay. <i>Applied Mechanics and Materials</i> , 0, 553, 458-463.	0.2	8
133	Challenges in transferring knowledge between scales in coastal sediment dynamics. <i>Frontiers in Marine Science</i> , 2015, 2, .	2.5	8
134	Effect of wave boundary layer on hydrodynamic forces on small diameter pipelines. <i>Ocean Engineering</i> , 2016, 125, 26-30.	4.3	8
135	Spatial Verification of Modulus for Pavement Foundation System. <i>Transportation Research Record</i> , 2018, 2672, 333-346.	1.9	8
136	Discussion of "Accuracy of Digital Image Correlation for Measuring Deformations in Transparent Media" by Samer Sadek, Magued G. Iskander, and Jinyuan Liu. <i>Journal of Computing in Civil Engineering</i> , 2005, 19, 217-219.	4.7	7
137	Characterization of the Solid-Fluid Transition of Fine-Grained Sediments. , 2009, , .		7
138	Centrifuge modelling of the pushover failure of an electricity transmission tower. <i>Canadian Geotechnical Journal</i> , 2010, 47, 413-424.	2.8	7
139	Sediment Mobility Effects on Seabed Resistance for Unburied Pipelines. , 2014, , .		7
140	Modelling spatial variability in as-laid embedment for high pressure and high temperature (HPHT) pipeline design. <i>Canadian Geotechnical Journal</i> , 2016, 53, 1853-1865.	2.8	7
141	Changes in Pipeline Embedment due to Sediment Mobility: Observations and Implications for Design. , 2013, , .		6
142	Elastoplastic consolidation solutions for scaling from shallow penetrometers to pipelines. <i>Canadian Geotechnical Journal</i> , 2017, 54, 881-895.	2.8	6
143	The effect of permeability on the erosion threshold of fine-grained sediments. <i>Coastal Engineering</i> , 2021, 163, 103813.	4.0	6
144	Uplift resistance of buried pipelines: The contribution of seepage forces. <i>Ocean Engineering</i> , 2022, 250, 111037.	4.3	6

#	ARTICLE	IF	CITATIONS
145	Rapid Assessment of Cement and Fiber-Stabilized Soil Using Roller-Integrated Compaction Monitoring. Transportation Research Record, 2008, 2059, 95-102.	1.9	5
146	Numerical Simulations of Dynamic Embedment During Pipe Laying on Soft Clay. , 2009, , .		5
147	Effect of prior loading cycles on vertical bearing capacity of clay. International Journal of Physical Modelling in Geotechnics, 2014, 14, 88-98.	0.6	5
148	Experiments Using a Novel Penetrometer to Assess Changing Strength of Clay during Remolding and Reconsolidation. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2017, 143, 06016030.	3.0	5
149	Lateral resistance of rigid pipelines and cables on rocky seabeds. Canadian Geotechnical Journal, 2019, 56, 823-839.	2.8	5
150	Reliability of mooring lines and piles for a permanently manned vessel in a tropical cyclone environment. Applied Ocean Research, 2019, 82, 430-446.	4.1	5
151	Mooring system reliability in tropical cyclone and North Sea winter storm environments. Applied Ocean Research, 2019, 88, 306-316.	4.1	5
152	An extended Prandtl solution for analytical modelling of the bearing capacity of a shallow foundation on a spatially variable undrained clay. Geotechnique, 2022, 72, 800-809.	4.0	5
153	Comparing CPT and pile base resistance in sand. Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, 2005, 158, 3-14.	1.6	5
154	PSD measurement using the single particle optical sizing (SPOS) method. Geotechnique, 2003, 53, 317-326.	4.0	5
155	Development of a prototype autonomous inspection robot for offshore riser cables. Ocean Engineering, 2022, 257, 111485.	4.3	5
156	Research on the Coupling Effects Between Ship Motions and Sloshing. , 2014, , .		4
157	A novel approach for time-dependent axial soil resistance in the analysis of subsea pipelines. Computers and Geotechnics, 2015, 69, 641-651.	4.7	4
158	Investigating Frost Heave Deterioration at Pavement Joint Locations. Journal of Performance of Constructed Facilities, 2018, 32, .	2.0	4
159	Quantifying fishing activity targeting subsea pipelines by commercial trap fishers. Reviews in Fish Biology and Fisheries, 2021, 31, 1009-1023.	4.9	4
160	Hydrodynamic forces on subsea cables immersed in wave boundary layers. Coastal Engineering, 2022, 174, 104101.	4.0	4
161	Free Field Sediment Mobility on Australia's North West Shelf. , 2013, , .		3
162	Observed changes to the stability of a subsea pipeline caused by seabed mobility. Ocean Engineering, 2018, 169, 159-176.	4.3	3

#	ARTICLE	IF	CITATIONS
163	Machine Drive Power Based Roller-Integrated Compaction Measurements for Cohesive Embankment Construction. , 2016, , .		3
164	Jet injection needle-free dental anaesthesia: Initial findings. Journal of Dentistry, 2022, 122, 104165.	4.1	3
165	Settlement Monitoring of Large Box Culvert Supported by Rammed Aggregate Piers “ A Case History. , 2004, , 1566.		2
166	Video Observations of Dynamic Embedment During Pipelaying in Soft Clay. , 2009, , .		2
167	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.	1.6	2
168	Risk-Based Assessment of Scour Around Subsea Infrastructure. , 2016, , .		2
169	Improved Stability Design of Subsea Pipelines on Mobile Seabeds: Learnings From the STABLEpipe JIP. , 2018, , .		2
170	Modelling the degradation of penetration resistance during cyclic T-bar tests in a Gulf of Mexico clay. Soils and Foundations, 2019, 59, 2331-2340.	3.1	2
171	Assessment of Support Conditions of Concrete Pavement Using FWD Deflection Basin Data. Journal of Testing and Evaluation, 2019, 47, 2451-2463.	0.7	2
172	Calibration of UWAâ€™s O-Tube Flume Facility. , 2012, , .		2
173	Implications of Changes in Suction and Moisture Regime in Highway Foundations and Embankments. , 2004, , 2115.		1
174	The Use of Centrifuge Model Testing to Provide Geotechnical Input Parameters for Pipeline Engineering. , 2013, , .		1
175	Estimating Mechanistic Parameters for Subgrade Using Gyratory Compaction with Pressure Distribution Analyzer. Journal of Materials in Civil Engineering, 2017, 29, 04017216.	2.9	1
176	Pipeline and Cable Stability: Updated State of the Art. , 2018, , .		1
177	Subsea Cable Stability on Rocky Seabeds: Comparison of Field Observations Against Conventional and Novel Design Methods. , 2018, , .		1
178	Analysis of Axial Response of Submarine Pipeline to Debris-Flow Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 06020029.	3.0	1
179	The variability of marine sediment erodibility with depth: Centimetric scale effects detected from portable erosion flume tests. Applied Ocean Research, 2021, 113, 102721.	4.1	1
180	Geotechnical hazards and seafloor stability of the northwest shelf. Preview, 2010, 2010, 35-37.	0.1	0

#	ARTICLE	IF	CITATIONS
181	Lateral Movement of Pipelines on a Soft Clay Seabed: Large Deformation Finite Element Analysis. , 2011, , .		0
182	A Re-Examination of the Hydrodynamic Forces Acting on Partially-Buried Submarine Pipelines. , 2012, , .		0
183	Effect of a Strong Middle Layer on Spudcan Penetration. , 2014, , .		0
184	Predicting the Changing Soil Response for Vertical Pipe-Seabed Interaction Accounting for Remoulding, Reconsolidation and Maintained Load. , 2017, , .		0
185	Evaluation of Reclaimed Hydrated Fly Ash as an Aggregate for Sustainable Roadway Base Material. Advances in Civil Engineering, 2021, 2021, 1-8.	0.7	0
186	Partially Mobile Shallow Subsea Foundations: A Practical Analysis Framework. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 04021064.	3.0	0
187	Continuous Characterisation of Near-Surface Soil Strength. , 2014, , .		0
188	Solutions for Downslope Pipeline Walking on a Seabed With a Peaky Trilinear Soil Resistance Model. Journal of Offshore Mechanics and Arctic Engineering, 2021, 143, .	1.2	0
189	Autonomous Identification of Suitable Geotechnical Measurement Locations using Underwater Vehicles. , 2021, , .		0