

Mark F Randolph

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

11,056
citations

60
h-index

97
g-index

251
ext. papers

12,586
ext. citations

3.2
avg, IF

6.61
L-index

#	Paper	IF	Citations
244	A viscoplastic recoverable sensitivity model for fine-grained soils. <i>Computers and Geotechnics</i> , 2022 , 147, 104725	4.4	1
243	Modelling the behaviour of sensitive clays experiencing large deformations using non-local regularisation techniques. <i>Computers and Geotechnics</i> , 2021 , 133, 104025	4.4	4
242	Effects of Monopile Installation on Subsequent Lateral Response in Sand. I: Pile Installation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021021	3.4	6
241	Pile response to multi-directional lateral loading using P _y curves approach. <i>Geotechnique</i> , 2021 , 71, 288-298	3.4	3
240	Centrifuge modelling of pipe-soil interaction in clay with crust layer. <i>Marine Structures</i> , 2021 , 75, 1028763.8	3.8	3
239	Centrifuge study on effect of installation method on lateral response of monopiles in sand. <i>International Journal of Physical Modelling in Geotechnics</i> , 2021 , 21, 40-52	1	17
238	Analysis of Axial Response of Submarine Pipeline to Debris-Flow Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 06020029	3.4	1
237	Effect of pipeline-seabed gaps on the vertical forces of a pipeline induced by submarine slide impact. <i>Ocean Engineering</i> , 2021 , 221, 108506	3.9	5
236	Large deformation coupled analysis of embedded pipeline Soil lateral interaction. <i>Marine Structures</i> , 2021 , 78, 102971	3.8	2
235	A Bayesian machine learning approach to rapidly quantifying the fatigue probability of failure for steel catenary risers. <i>Ocean Engineering</i> , 2021 , 235, 109353	3.9	2
234	The influence of pipeline-backfill-trench interaction on the lateral soil resistance: A numerical investigation. <i>Computers and Geotechnics</i> , 2021 , 137, 104307	4.4	0
233	Upslope Failure Mechanisms and Criteria in Submarine Landslides: Shear Band Propagation, Slab Failure and Retrogression. <i>Journal of Geophysical Research: Solid Earth</i> , 2021 , 126, e2021JB022041	3.6	1
232	Relationships between lateral and rotational load transfer stiffnesses and soil modulus for the elastic response of monopiles. <i>Computers and Geotechnics</i> , 2021 , 137, 104256	4.4	0
231	Improved Relationships for the Pile Base Response in Clayey Soils. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021095	3.4	
230	Parametric solution of lateral buckling of submarine pipelines. <i>Applied Ocean Research</i> , 2020 , 98, 1020773.4	3.4	4
229	Optimization of Impact Pile Driving Using Optical Fiber Bragg-Grating Measurements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020 , 146, 04020082	3.4	3
228	A smoothed particle hydrodynamics modelling of soil-water mixing and resulting changes in average strength. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2020 , 44, 1548-1569	4	6

227	Design of Anchoring Systems for Deep Water Soft Sediments. <i>Lecture Notes in Civil Engineering</i> , 2020 , 1-28	0.3	0
226	Criteria for planar shear band propagation in submarine landslides along weak layers. <i>Landslides</i> , 2020 , 17, 855-876	6.6	6
225	Consolidation effects on monotonic and cyclic capacity of plate anchors in sand. <i>Geotechnique</i> , 2020 , 70, 720-731	3.4	4
224	Numerical Investigations into Development of Seabed Trenching in Semitaot Moorings. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2020 , 146, 04020098	3.4	4
223	Effect of installation method on static and dynamic load test response for piles in sand. <i>International Journal of Physical Modelling in Geotechnics</i> , 2020 , 20, 1-23	1	8
222	Penetrometer testing in a calcareous silt to explore changes in soil strength. <i>Geotechnique</i> , 2020 , 70, 1160-1173	3.4	9
221	Effect of soil biology and pore water chemistry on a lakebed sediment. <i>Geotechnique</i> , 2019 , 69, 959-970	3.4	3
220	The parkable piezoprobe for determining cv and strength [modelling and interpretation methods. <i>Geotechnique</i> , 2019 , 69, 458-469	3.4	6
219	Transition from shear band propagation to global slab failure in submarine landslides. <i>Canadian Geotechnical Journal</i> , 2019 , 56, 554-569	3.2	12
218	Numerical Study of Mobilized Friction along Embedded Catenary Mooring Chains. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 04019081	3.4	9
217	Numerical investigations of the effect of strain softening on the behaviour of embedded mooring chains. <i>Applied Ocean Research</i> , 2019 , 92, 101944	3.4	8
216	Evolution of Riser-Soil Stiffness in a Soil Crust Layer. <i>Lecture Notes in Civil Engineering</i> , 2019 , 130-136	0.3	2
215	Subsea pipeline walking with velocity dependent seabed friction. <i>Applied Ocean Research</i> , 2019 , 82, 296-308	3.4	10
214	A new hysteretic seabed model for riser-soil interaction. <i>Marine Structures</i> , 2019 , 64, 360-378	3.8	13
213	Effectiveness of Effective Area Method for Assessing Undrained Capacity of Shallow Rectangular Foundations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 06018013	3.4	3
212	Modelling the static stress-strain state around the fan-structure in the shear rupture head. <i>Applied Mathematical Modelling</i> , 2018 , 57, 268-279	4.5	2
211	Stability and efficiency studies in the numerical simulation of cone penetration in sand. <i>Geotechnique Letters</i> , 2018 , 8, 13-18	1.7	11
210	Bearing capacity on sand overlying clay: An analytical model for predicting post peak behaviour. <i>Marine Structures</i> , 2018 , 59, 94-104	3.8	9

209	Numerical Investigation of Diving Potential and Optimization of Offshore Anchors. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018 , 144, 04017117	3-4	5
208	Pile Foundations: Design for Axial and Lateral Loading 2018 , 1-23		2
207	Theoretical framework for predicting the response of tolerably mobile subsea installations. <i>Geotechnique</i> , 2017 , 67, 608-620	3-4	12
206	The State of Knowledge of Pipe-Soil Interaction for On-Bottom Pipeline Design 2017 ,		9
205	A Toolbox for Optimizing Geotechnical Design of Subsea Foundations 2017 ,		3
204	Runout of submarine landslide simulated with material point method. <i>Journal of Hydrodynamics</i> , 2017 , 29, 438-444	3-3	16
203	From progressive to catastrophic failure in submarine landslides with curvilinear slope geometries. <i>Geotechnique</i> , 2017 , 1-16	3-4	22
202	Runout of Submarine Landslide Simulated with Material Point Method. <i>Procedia Engineering</i> , 2017 , 175, 357-364		11
201	Investigation of impact forces on pipeline by submarine landslide using material point method. <i>Ocean Engineering</i> , 2017 , 146, 21-28	3-9	41
200	An analytical solution for the undrained horizontal torsional resistance of mudmats. <i>Geotechnique</i> , 2017 , 67, 325-337	3-4	6
199	Pile Foundations: Installation 2017 , 1-19		
198	Laboratory development of a vertically oriented penetrometer for shallow seabed characterization. <i>Canadian Geotechnical Journal</i> , 2016 , 53, 93-102	3-2	7
197	Estimating consolidation parameters from field piezoball tests. <i>Geotechnique</i> , 2016 , 66, 333-343	3-4	14
196	Scour effects on p curves for shallowly embedded piles in sand. <i>Geotechnique</i> , 2016 , 66, 648-660	3-4	56
195	Experience with a dual pore pressure element piezoball. <i>International Journal of Physical Modelling in Geotechnics</i> , 2016 , 16, 101-118	1	16
194	The Impact of Submarine Slides on Pipelines: Outcomes from the COFS-MERIWA JIP 2016 ,		4
193	Evaluation of Elastic Stiffness Parameters for Pipeline-Soil Interaction. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016 , 142, 04016009	3-4	14
192	Improved concept of lithospheric strength and earthquake activity at shallow depths based upon the fan-head dynamic shear rupture mechanism. <i>Tectonophysics</i> , 2016 , 667, 124-143	3-1	10

191	Dynamic propagation criteria for catastrophic failure in planar landslides. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2016 , 40, 2312-2338	4	12
190	A New User Defined Element for Nonlinear Riser-Soil Interaction Analysis of Steel Catenary Riser Systems 2016 ,		3
189	Effects of pore water pressure dissipation on rate dependency of shear strength in localised failure of soils. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2015 , 39, 1045-1062 ⁴		5
188	Catastrophic failure in planar landslides with a fully softened weak zone. <i>Geotechnique</i> , 2015 , 65, 755-769 ⁴		37
187	Analytical solution for ultimate embedment depth and potential holding capacity of plate anchors. <i>Geotechnique</i> , 2015 , 65, 517-530	3-4	35
186	Influence of padeye offset on bearing capacity of three-dimensional plate anchors. <i>Canadian Geotechnical Journal</i> , 2015 , 52, 682-693	3-2	23
185	Approximation of the maximum dynamic stress range in steel catenary risers using artificial neural networks. <i>Engineering Structures</i> , 2015 , 92, 172-185	4-7	12
184	Numerical investigation of dynamic installation of torpedo anchors in clay. <i>Ocean Engineering</i> , 2015 , 108, 820-832	3-9	47
183	Effect of a surficial crust on mudmat capacity under fully three-dimensional loading. <i>Geotechnique</i> , 2015 , 65, 590-603	3-4	8
182	Interpretation of piezoball dissipation testing in clay. <i>Geotechnique</i> , 2015 , 65, 831-842	3-4	23
181	Upper bound analysis of uplift capacity of a tapered plate anchor in cohesive soil. <i>Geotechnique Letters</i> , 2015 , 5, 205-211	1-7	3
180	On the calculation of cumulative strain around full-flow penetrometers in steady-state conditions. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , 2015 , 39, 368-387	4	
179	Sensitivity studies of SCR fatigue damage in the touchdown zone using an efficient simplified framework for stress range evaluation. <i>Ocean Engineering</i> , 2015 , 96, 295-311	3-9	11
178	Large deformation finite element analyses in geotechnical engineering. <i>Computers and Geotechnics</i> , 2015 , 65, 104-114	4-4	124
177	A GPU parallel computing strategy for the material point method. <i>Computers and Geotechnics</i> , 2015 , 66, 31-38	4-4	24
176	Buckling of monopod bucket foundations-influence of boundary conditions and soil-structure interaction. <i>Wind and Structures, an International Journal</i> , 2015 , 21, 641-656		2
175	Spudcan Penetration Analysis for Case Histories in Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014 , 140, 04014034	3-4	21
174	Refined analytical models for pipe-lay on elasto-plastic seabed. <i>Applied Ocean Research</i> , 2014 , 48, 292-304 ⁴		11

173	Installation and capacity of dynamically embedded plate anchors as assessed through centrifuge tests. <i>Ocean Engineering</i> , 2014 , 88, 204-213	3.9	35
172	Analytical estimation of static stress range in oscillating steel catenary risers at touchdown areas and its application with dynamic amplification factors. <i>Ocean Engineering</i> , 2014 , 88, 63-80	3.9	13
171	Artificial neural network development for stress analysis of steel catenary risers: Sensitivity study and approximation of static stress range. <i>Applied Ocean Research</i> , 2014 , 48, 148-161	3.4	18
170	Penetrometer Testing: Effect of Partial Consolidation on Subsequent Dissipation Response. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014 , 140, 04014022	3.4	28
169	Cyclic consolidation and axial friction for seabed pipelines. <i>Geotechnique Letters</i> , 2014 , 4, 165-169	1.7	23
168	Large-Deformation Numerical Modeling of Short-Term Compression and Uplift Capacity of Offshore Shallow Foundations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014 , 140, 04013021	3.4	11
167	Numerical modelling of seepage beneath skirted foundations subjected to vertical uplift. <i>Computers and Geotechnics</i> , 2014 , 55, 150-157	4.4	18
166	A simple implementation of RITSS and its application in large deformation analysis. <i>Computers and Geotechnics</i> , 2014 , 56, 160-167	4.4	58
165	Experimental investigation of reverse end bearing of offshore shallow foundations. <i>Canadian Geotechnical Journal</i> , 2013 , 50, 1022-1033	3.2	42
164	Dimensionless groups governing response of steel catenary risers. <i>Ocean Engineering</i> , 2013 , 74, 247-259	3.9	23
163	Coupled consolidation analysis of pipe-soil interactions. <i>Canadian Geotechnical Journal</i> , 2013 , 50, 609-619	3.2	32
162	The Dynamically Embedded Plate Anchor: Results From an Experimental and Numerical Study 2013 ,		3
161	Considerations on the Design of Keying Flap of Plate Anchors. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013 , 139, 1156-1164	3.4	18
160	Hybrid Subsea Foundations for Subsea Equipment. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013 , 139, 2182-2192	3.4	15
159	Interaction forces between pipelines and submarine slides – A geotechnical viewpoint. <i>Ocean Engineering</i> , 2012 , 48, 32-37	3.9	49
158	Elastoplastic consolidation beneath shallowly embedded offshore pipelines. <i>Geotechnique Letters</i> , 2012 , 2, 73-79	1.7	24
157	Failure mechanisms of skirted foundations in uplift and compression. <i>International Journal of Physical Modelling in Geotechnics</i> , 2012 , 12, 47-62	1	29
156	Numerical study of spudcan penetration in loose sand overlying clay. <i>Computers and Geotechnics</i> , 2012 , 46, 1-12	4.4	31

155	Offshore Geotechnics - The Challenges of Deepwater Soft Sediments 2012 ,		10
154	Influence of Partial Consolidation during Cone Penetration on Estimated Soil Behavior Type and Pore Pressure Dissipation Measurements. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2012 , 138, 777-788	3.4	52
153	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	3.4	57
152	Offshore Design Approaches and Model Tests for Sub-Failure Cyclic Loading of Foundations. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2012 , 441-480	0.6	12
151	Comparing CPTUQ ² and Q _u /s _u soil classification charts. <i>Geotechnique Letters</i> , 2012 , 2, 209-215	1.7	19
150	Analytical Solution for the Consolidation around a Laterally Loaded Pile. <i>International Journal of Geomechanics</i> , 2012 , 12, 199-208	3.1	18
149	Evaluation of the Remoulded Shear Strength of Offshore Clays and Application to Pipeline-Soil and Riser-Soil Interaction. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2012 , 529-573	0.6	
148	Centrifuge Modeling of the Cyclic Lateral Response of a Rigid Pile in Soft Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011 , 137, 717-729	3.4	74
147	The Effect of Partial Drainage on Measurements by a Piezoball Penetrometer 2011 ,		1
146	Spudcan deep penetration in multi-layered fine-grained soils. <i>International Journal of Physical Modelling in Geotechnics</i> , 2011 , 11, 100-115	1	18
145	Guidelines for offshore in situ testing and interpretation in deepwater soft clays. <i>Canadian Geotechnical Journal</i> , 2011 , 48, 543-556	3.2	41
144	Recent advances in offshore geotechnics for deep water oil and gas developments. <i>Ocean Engineering</i> , 2011 , 38, 818-834	3.9	109
143	Numerical analysis of a cylinder moving through rate-dependent undrained soil. <i>Ocean Engineering</i> , 2011 , 38, 943-953	3.9	61
142	Penetration Resistance and Stiffness Factors for Hemispherical and Toroidal Penetrometers in Uniform Clay. <i>International Journal of Geomechanics</i> , 2011 , 11, 263-275	3.1	19
141	Keying of Rectangular Plate Anchors in Normally Consolidated Clays. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011 , 137, 1244-1253	3.4	54
140	Experimental Investigation of the Undrained Response of a Shallow Skirted Foundation Subjected to Vertical Compression and Uplift 2011 ,		1
139	Closure to Evaluation of Remolded Shear Strength and Sensitivity of Soft Clay Using Full-Flow Penetrometers by Nicholas Yafate, Jason DeJong, Don DeGroot, and Mark Randolph. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011 , 137, 440-441	3.4	
138	Penetrometer-Based Assessment of Spudcan Penetration Resistance. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2011 , 137, 587-596	3.4	16

137	Effect of Gapping on the Transient and Sustained Uplift Capacity of a Shallow Skirted Foundation in Clay. <i>Soils and Foundations</i> , 2010 , 50, 725-735	2.9	13
136	Strength Measurement for Near-Seabed Surface Soft Soil Using Manually Operated Miniature Full-Flow Penetrometer. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 1565-1573	3.4	20
135	Consolidation beneath Circular Skirted Foundations. <i>International Journal of Geomechanics</i> , 2010 , 10, 22-29	3.1	50
134	Parametric Solutions for Slide Impact on Pipelines. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 940-949	3.4	33
133	Large Deformation Finite-Element Analysis of Submarine Landslide Interaction with Embedded Pipelines. <i>International Journal of Geomechanics</i> , 2010 , 10, 145-152	3.1	35
132	Three-Dimensional Large Deformation Finite-Element Analysis of Plate Anchors in Uniform Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 355-365	3.4	127
131	Large-deformation finite element analysis of pipe penetration and large-amplitude lateral displacement. <i>Canadian Geotechnical Journal</i> , 2010 , 47, 842-856	3.2	90
130	The Influence of Seabed Response on Fatigue Performance of Steel Catenary Risers in Touchdown Zone 2010 ,		9
129	A Parametric Study on Effects of Environmental Loadings on Fatigue Life of Steel Catenary Risers (Using a Nonlinear Cyclic Riser-Soil Interaction Model) 2010 ,		8
128	Response of a solid infinite cylinder embedded in a poroelastic medium and subjected to a lateral load. <i>International Journal of Solids and Structures</i> , 2010 , 47, 2414-2424	3.1	4
127	Recommended Practice for Full-Flow Penetrometer Testing and Analysis. <i>Geotechnical Testing Journal</i> , 2010 , 33, 102468	1.3	10
126	Loss in Anchor Embedment during Plate Anchor Keying in Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 1475-1485	3.4	71
125	New Mechanism-Based Design Approach for Spudcan Foundations on Single Layer Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 1264-1274	3.4	81
124	Effect of Strain Rate and Strain Softening on the Penetration Resistance of Spudcan Foundations on Clay. <i>International Journal of Geomechanics</i> , 2009 , 9, 122-132	3.1	86
123	Resistance of full-flow penetrometers in rate-dependent and strain-softening clay. <i>Geotechnique</i> , 2009 , 59, 79-86	3.4	112
122	Setup Following Installation of Dynamic Anchors in Normally Consolidated Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 487-496	3.4	63
121	Characterization of the Solid-Fluid Transition of Fine-Grained Sediments 2009 ,		5
120	Non-Linear Hysteretic Seabed Model for Catenary Pipeline Contact 2009 ,		42

119	Video Observations of Dynamic Embedment During Pipelaying in Soft Clay 2009 ,		2
118	Numerical Simulations of Dynamic Embedment During Pipe Laying on Soft Clay 2009 ,		2
117	Effect of Installation Method on External Shaft Friction of Caissons in Soft Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 605-615	3-4	28
116	Effect of Surface Heave on Response of Partially Embedded Pipelines on Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 819-829	3-4	71
115	Evaluation of Remolded Shear Strength and Sensitivity of Soft Clay Using Full-Flow Penetrometers. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 1179-1189	3-4	44
114	Investigations on the dynamic behavior of a small-diameter pile driven in soft clay. <i>Canadian Geotechnical Journal</i> , 2009 , 46, 1418-1430	3-2	14
113	CPT-Based Method for the Installation of Suction Caissons in Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 14-25	3-4	66
112	Numerical Study of the Effect of Foundation Size for a Wide Range of Sands. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 37-45	3-4	16
111	Centrifuge Tests on Dynamically Installed Anchors 2009 ,		19
110	Geotechnical Centrifuge Modelling Techniques for Submarine Slides 2009 ,		7
109	Numerical Simulation of Vertical Pullout of Plate Anchors in Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 866-875	3-4	78
108	Upper-bound yield envelopes for pipelines at shallow embedment in clay. <i>Geotechnique</i> , 2008 , 58, 297-304	3-4	74
107	Analysis of Factors Influencing Soil Classification Using Normalized Piezocone Tip Resistance and Pore Pressure Parameters. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 1569-1586	3-4	89
106	Revealing the bearing capacity mechanisms of a penetrating spudcan through sand overlying clay. <i>Geotechnique</i> , 2008 , 58, 793-804	3-4	82
105	Simple Formulas for the Response of Shallow Foundations on Compressible Sands. <i>International Journal of Geomechanics</i> , 2008 , 8, 230-239	3-1	21
104	Effects of Electrode Configuration on Electrokinetic Stabilization for Caisson Anchors in Calcareous Sand. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 352-365	3-4	20
103	Variation of suction pressure during caisson installation in sand. <i>Geotechnique</i> , 2008 , 58, 1-11	3-4	49
102	Closure to Effect of Penetration Rate on Penetrometer Resistance in Clay by Shin Fun Chung, Mark F. Randolph, and James A. Schneider. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 552-553	3-4	1

101	Upper-bound and load-displacement solutions for laterally loaded piles in clays based on energy minimisation. <i>Geotechnique</i> , 2008 , 58, 815-820	3.4	23
100	Physical and Numerical Simulation of Shallow Penetration of a Cylindrical Object into Soft Clay 2008 ,		11
99	The ultimate undrained resistance of partially embedded pipelines. <i>Geotechnique</i> , 2008 , 58, 461-470	3.4	91
98	Electrochemical stabilisation for offshore model caissons. <i>Proceedings of the Institution of Civil Engineers: Ground Improvement</i> , 2008 , 161, 131-141	1	1
97	An Experimental Investigation of a Shallow Skirted Foundation Under Compression and Tension. <i>Soils and Foundations</i> , 2008 , 48, 247-254	2.9	20
96	Uplift Capacity of Suction Caissons under Sustained and Cyclic Loading in Soft Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 1352-1363	3.4	46
95	Effect of Recent Load History on Laterally Loaded Piles in Normally Consolidated Clay. <i>International Journal of Geomechanics</i> , 2007 , 7, 277-286	3.1	14
94	Torsional Piles in Two-Layered Nonhomogeneous Soil. <i>International Journal of Geomechanics</i> , 2007 , 7, 410-422	3.1	18
93	Installation of Suction Caissons in Sand with Silt Layers. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 1183-1191	3.4	42
92	Computational Techniques and Shear Band Development for Cylindrical and Spherical Penetrometers in Strain-Softening Clay. <i>International Journal of Geomechanics</i> , 2007 , 7, 287-295	3.1	101
91	External radial stress changes and axial capacity for suction caissons in soft clay. <i>Geotechnique</i> , 2007 , 57, 499-511	3.4	50
90	Numerical Analysis of T-Bar Penetration in Soft Clay. <i>International Journal of Geomechanics</i> , 2006 , 6, 411-420	3.4	38
89	Large deformation analysis of suction caisson installation in clay. <i>Canadian Geotechnical Journal</i> , 2006 , 43, 1344-1357	3.2	36
88	Influence of the installation process on the performance of suction embedded plate anchors. <i>Geotechnique</i> , 2006 , 56, 381-391	3.4	54
87	Effect of Penetration Rate on Penetrometer Resistance in Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2006 , 132, 1188-1196	3.4	131
86	Undrained Bearing Capacity of Square and Rectangular Footings. <i>International Journal of Geomechanics</i> , 2006 , 6, 147-157	3.1	82
85	Upper-bound analysis of lateral pile capacity in cohesive soil. <i>Geotechnique</i> , 2006 , 56, 141-145	3.4	192
84	An image-based deformation measurement system for the geotechnical centrifuge. <i>International Journal of Physical Modelling in Geotechnics</i> , 2005 , 5, 01-12	1	48

83	Combining upper bound and strain path methods for evaluating penetration resistance. <i>International Journal for Numerical Methods in Engineering</i> , 2005 , 63, 1991-2016	2.4	258
82	Limiting cavity depth for spudcan foundations penetrating clay. <i>Geotechnique</i> , 2005 , 55, 679-690	3.4	107
81	Design Strategies for Piled Rafts Subjected to Nonuniform Vertical Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2004 , 130, 1-13	3.4	78
80	Experimental Study of Suction Installation of Caissons in Dense Sand 2004 , 105		8
79	A comparison of the combined load behaviour of spudcan and caisson foundations on soft normally consolidated clay. <i>Geotechnique</i> , 2004 , 54, 91-106	3.4	77
78	A numerical study of cone penetration in clay. <i>Geotechnique</i> , 2004 , 54, 257-267	3.4	84
77	Bearing Behaviour of Spudcan Foundation on Uniform Clay During Deep Penetration 2004 , 321		7
76	Deep Penetration of Spudcan Foundation Into NC Clay 2004 , 329		3
75	A comparison of the combined load behaviour of spudcan and caisson foundations on soft normally consolidated clay. <i>Geotechnique</i> , 2004 , 54, 91-106	3.4	6
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