

# Charles Paul Aubeny

## List of Publications by Year in descending order

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30  
papers

723  
citations

623734

14  
h-index

752698

20  
g-index

32  
all docs

32  
docs citations

32  
times ranked

278  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collapse Loads for a Cylinder Embedded in Trench in Cohesive Soil. International Journal of Geomechanics, 2005, 5, 320-325.	2.7	137
2	Seafloor-Riser Interaction Model. International Journal of Geomechanics, 2009, 9, 133-141.	2.7	78
3	Interpretation of Impact Penetration Measurements in Soft Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2006, 132, 770-777.	3.0	64
4	Behavior of Suction Embedded Plate Anchors during Keying Process. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2012, 138, 174-183.	3.0	58
5	Mechanics of Drag Embedment Anchors in a Soft Seabed. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 57-68.	3.0	55
6	Undrained Capacity of Plate Anchors under General Loading. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2010, 136, 1383-1393.	3.0	50
7	Shallow Slides in Compacted High Plasticity Clay Slopes. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2004, 130, 717-727.	3.0	37
8	Simplified limit solutions for the capacity of suction anchors under undrained conditions. Ocean Engineering, 2005, 32, 864-877.	4.3	32
9	Analytical Model for Vertically Loaded Anchor Performance. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2014, 140, 14-24.	3.0	25
10	Effect of Rate-Dependent Soil Strength on Cylinders Penetrating Into Soft Clay. IEEE Journal of Oceanic Engineering, 2007, 32, 49-56.	3.8	23
11	Suction Caisson Capacity in Anisotropic, Purely Cohesive Soil. International Journal of Geomechanics, 2003, 3, 225-235.	2.7	22
12	Comparison of Analytical and Centrifuge Model Tests for Suction Caissons Subjected to Combined Loads. Journal of Offshore Mechanics and Arctic Engineering, 2004, 126, 364-367.	1.2	20
13	Numerical Investigation of Uplift Behavior of Circular Plate Anchors in Uniform Sand. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2019, 145, .	3.0	19
14	Effects of Disturbance on Undrained Strengths Interpreted from Pressuremeter Tests. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2000, 126, 1133-1144.	3.0	18
15	Recent Advances in Soil Response Modeling for Well Conductor Fatigue Analysis and Development of New Approaches. , 2015, , .		18
16	Efficient Multiline Anchor Systems for Floating Offshore Wind Turbines. , 2016, , .		15
17	Geotechnical Issues in Deep and Ultra Deep Waters. International Journal of Geomechanics, 2001, 1, 225-247.	2.7	13
18	Moisture Diffusion in Shallow Clay Masses. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2007, 133, 1241-1248.	3.0	8

#	ARTICLE	IF	CITATIONS
19	SS: MODU Anchor- Analytical and Experimental Modeling for Out-of-Plane Loading of Plate Anchors. , 2009, , .		7
20	Numerical prediction of undrained response of plate anchors under combined translation and torsion. Computers and Geotechnics, 2017, 81, 39-48.	4.7	7
21	A p-y Analysis of Laterally Loaded Offshore-Well Conductors and Piles Installed in Normally Consolidated to Lightly Overconsolidated Clays. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	3.0	5
22	Theory on Measuring Orientation with MEMS Accelerometers in a Centrifuge. , 2015, , .		4
23	Use of a MEMS accelerometer to measure orientation in a geotechnical centrifuge. International Journal of Physical Modelling in Geotechnics, 2018, 18, 253-265.	0.6	3
24	Normally loaded inclined strip anchors in cohesionless soil. Canadian Geotechnical Journal, 2021, 58, 1478-1494.	2.8	3
25	Rotational Behavior of Squat Monopiles in Soft Clay from Centrifuge Experiments. , 2016, , .		1
26	Anchor line mechanics. , 2017, , 161-174.		1
27	Comparison between the Permeability and Diffusivity Function Derived from Different Methods of Unsaturated Expansive Soils. , 2017, , .		0
28	Closure to "Numerical Investigation of Uplift Behavior of Circular Plate Anchors in Uniform Sand" by Nabil Al Hakeem and Charles Aubeny. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2021, 147, 07020034.	3.0	0
29	Caisson and pile ultimate capacity. , 2017, , 213-242.		0
30	Fundamental studies. , 2017, , 135-160.		0