

Faris Ga Albermani

List of Publications by Year in descending order

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83
papers

2,705
citations

159525

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189801

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84
all docs

84
docs citations

84
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and Numerical Assessment on Failure Pressure of Textured Pipelines. Journal of Offshore Mechanics and Arctic Engineering, 2022, 144, .	0.6	4
2	Carbon fibre buckle arrestors for offshore pipelines. Applied Ocean Research, 2021, 111, 102633.	1.8	12
3	Deep Undrained Bearing Capacity of Rectangular Foundations in Uniform Strength Clay. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2020, 146, .	1.5	7
4	Metal skinning energy absorber for a backup marine fender system. Marine Structures, 2019, 67, 102642.	1.6	2
5	Mechanical properties of clay masonry units: Destructive and ultrasonic testing. Construction and Building Materials, 2019, 219, 111-120.	3.2	26
6	Numerical study and parametric analysis of the propagation buckling behaviour of subsea pipe-in-pipe systems. Thin-Walled Structures, 2018, 125, 119-128.	2.7	35
7	A compact nonlinear dynamic analysis technique for transmission line cascades. Engineering Structures, 2018, 158, 164-174.	2.6	19
8	Cascading collapse of transmission lines. Proceedings of the Institution of Civil Engineers: Engineering and Computational Mechanics, 2018, 171, 115-132.	0.4	0
9	On collapse of the inner pipe of a pipe-in-pipe system under external pressure. Engineering Structures, 2018, 172, 614-628.	2.6	30
10	Flexural strength of weathered granites: Influence of freeze and thaw cycles. Construction and Building Materials, 2017, 156, 891-901.	3.2	32
11	Propagation Buckling in Subsea Pipe-in-Pipe Systems. Journal of Engineering Mechanics - ASCE, 2017, 143, .	1.6	26
12	Buckle interaction in textured deep subsea pipelines. Ships and Offshore Structures, 2016, 11, 625-635.	0.9	17
13	Experimental and numerical investigation of bulging behaviour of hyperelastic textured tubes. International Journal of Mechanical Sciences, 2016, 115-116, 665-675.	3.6	17
14	EXPERIMENTAL STUDY ON CONFINED BUCKLE PROPAGATION. , 2016, , 44-54.		2
15	Interaction Between Lateral Buckling and Propagation Buckling in Textured Deep Subsea Pipelines. , 2015, , .		8
16	Comparison of Responses of Guyed and Freestanding Transmission Line Towers Under Conductor Breakage Loading. International Journal of Structural Stability and Dynamics, 2015, 15, 1540023.	1.5	11
17	Resilience of branching and massive corals to wave loading under sea level rise â€œ A coupled computational fluid dynamics-structural analysis. Marine Pollution Bulletin, 2014, 86, 91-101.	2.3	40
18	Experimental and numerical investigations of buckle interaction in subsea pipelines. Engineering Structures, 2014, 66, 81-88.	2.6	52

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19	Buckle interaction in deep subsea pipelines. Thin-Walled Structures, 2013, 72, 113-120.	2.7	49
20	On lateral and upheaval buckling of subsea pipelines. Engineering Structures, 2013, 52, 317-330.	2.6	96
21	Experimental study of perforated yielding shear panel device for passive energy dissipation. Journal of Constructional Steel Research, 2013, 91, 14-25.	1.7	68
22	Energy-based design method for seismic retrofitting with passive energy dissipation systems. Engineering Structures, 2013, 46, 77-86.	2.6	62
23	Textured deep subsea pipelines. International Journal of Mechanical Sciences, 2013, 68, 224-235.	3.6	23
24	Hyperbaric chamber test of subsea pipelines. Thin-Walled Structures, 2013, 71, 1-6.	2.7	25
25	Buckle Interaction in Deep Subsea Pipelines. , 2013, , .		0
26	Buckling-Restrained-Lug Connection for Energy Dissipation. Advances in Structural Engineering, 2013, 16, 11-20.	1.2	2
27	Pinching Effect in Yielding Shear Panel Passive Device. Procedia Engineering, 2011, 14, 241-249.	1.2	0
28	Stiffness and Strength Of Perforated Steel Plate Shear Wall. Procedia Engineering, 2011, 14, 675-679.	1.2	13
29	On the Propagation Buckling and Effects in Ultra-Long Deep Subsea Pipelines. , 2011, , .		0
30	Flexural and torsional rigidity of colonoscopes at room and body temperatures. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2011, 225, 389-399.	1.0	9
31	Propagation buckling in deep sub-sea pipelines. Engineering Structures, 2011, 33, 2547-2553.	2.6	72
32	Pinching hysteretic response of yielding shear panel device. Engineering Structures, 2011, 33, 993-1000.	2.6	31
33	Numerical modelling of yielding shear panel device for passive energy dissipation. Thin-Walled Structures, 2011, 49, 1032-1044.	2.7	28
34	Mechanical response of infant brain to manually inflicted shaking. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 1-15.	1.0	13
35	Failure analysis of transmission towers. Engineering Failure Analysis, 2009, 16, 1922-1928.	1.8	114
36	Evaluation of yielding shear panel device for passive energy dissipation. Journal of Constructional Steel Research, 2009, 65, 260-268.	1.7	138

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37	Gust occurrence in simulated non-stationary winds. Journal of Wind Engineering and Industrial Aerodynamics, 2008, 96, 2161-2172.	1.7	18
38	Experimental study of steel slit damper for passive energy dissipation. Engineering Structures, 2008, 30, 1058-1066.	2.6	303
39	Infant brain subjected to oscillatory loading: material differentiation, properties, and interface conditions. Biomechanics and Modeling in Mechanobiology, 2008, 7, 105-125.	1.4	23
40	Lightweight bamboo double layer grid system. Engineering Structures, 2007, 29, 1499-1506.	2.6	55
41	Numerical and analytical simulation of downburst wind loads. Engineering Structures, 2006, 28, 240-254.	2.6	154
42	Factors affecting the design and construction of Lamella suspen-dome systems. Journal of Constructional Steel Research, 2005, 61, 764-785.	1.7	61
43	A knowledge-based system for liquid retaining structure design with blackboard architecture. Building and Environment, 2005, 40, 73-81.	3.0	3
44	An expert system on design of liquid-retaining structures with blackboard architecture. Expert Systems, 2004, 21, 183-191.	2.9	5
45	Interactive analysis and design of cold-formed steel cladding system. Journal of Constructional Steel Research, 2004, 60, 1409-1423.	1.7	8
46	Upgrading of transmission towers using a diaphragm bracing system. Engineering Structures, 2004, 26, 735-744.	2.6	62
47	Hybrid knowledge representation in a blackboard KBS for liquid retaining structure design. Engineering Applications of Artificial Intelligence, 2004, 17, 11-18.	4.3	12
48	Numerical simulation of structural behaviour of transmission towers. Thin-Walled Structures, 2003, 41, 167-177.	2.7	73
49	A coupled knowledge-based expert system for design of liquid-retaining structures. Automation in Construction, 2003, 12, 589-602.	4.8	12
50	Knowledge-Based System on Optimum Design of Liquid Retaining Structures with Genetic Algorithms. Journal of Structural Engineering, 2003, 129, 1312-1321.	1.7	43
51	Expert system application on preliminary design of water retaining structures. Expert Systems With Applications, 2002, 22, 169-178.	4.4	40
52	Web-Based Knowledge-Based System on Liquid Retaining Structure Design as Instructional Tool. Lecture Notes in Computer Science, 2002, , 95-105.	1.0	2
53	Kinematic and non-linear analysis of foldable barrel vaults. Engineering Structures, 2001, 23, 158-171.	2.6	27
54	Lattice-Dome Design Using a Knowledge-Based System Approach. Computer-Aided Civil and Infrastructure Engineering, 2001, 16, 268-286.	6.3	12

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55	Modelling of cold-formed purlin-sheeting systemsâ€™ Part 1: Full model. Thin-Walled Structures, 1997, 27, 223-243.	2.7	41
56	Modelling of cold-formed purlin-sheeting systemsâ€™Part 2. Simplified model. Thin-Walled Structures, 1997, 27, 263-286.	2.7	40
57	Free vibration of cantilevered arbitrary triangular Mindlin plates. International Journal of Mechanical Sciences, 1996, 38, 431-442.	3.6	39
58	Bounding-surface plasticity for non-linear analysis of space structures. International Journal for Numerical Methods in Engineering, 1995, 38, 797-808.	1.5	5
59	A simplified model for buckling mechanism in lattice structures. Computers and Structures, 1995, 57, 745-750.	2.4	0
60	Dynamic response of flexibly jointed frames. Engineering Structures, 1995, 17, 575-580.	2.6	18
61	Effect of Bolt Slippage on Ultimate Behavior of Lattice Structures. Journal of Structural Engineering, 1994, 120, 2281-2287.	1.7	69
62	Non-linear analysis of thin-walled structures using plate elements. International Journal for Numerical Methods in Engineering, 1994, 37, 1697-1711.	1.5	15
63	Nonlinear dynamic analysis of lattice structures. Computers and Structures, 1994, 52, 9-15.	2.4	16
64	Stability of cold-formed members. Engineering Structures, 1994, 16, 386-392.	2.6	9
65	Cyclic and seismic response of flexibly jointed frames. Engineering Structures, 1994, 16, 249-255.	2.6	33
66	Closure to â€™Finite Element Method for Buckling Analysis of Plate Structuresâ€™ by Cheeâ€™Kiong Chin, Faris G. A. Alâ€™Bermani, and Sritawat Kitipornchai (April, 1993, Vol. 119, No. 4). Journal of Structural Engineering, 1994, 120, 3095-3096.	1.7	0
67	Maximum response of asymmetric structures subject to A multicomponent earthquake. Earthquake Engineering and Structural Dynamics, 1993, 22, 1047-1066.	2.5	5
68	Nonlinear finite element analysis of latticed transmission towers. Engineering Structures, 1993, 15, 259-269.	2.6	23
69	Finite Element Method for Buckling Analysis of Plate Structures. Journal of Structural Engineering, 1993, 119, 1048-1068.	1.7	23
70	Eccentrically Connected Cleat Plates in Compression. Journal of Structural Engineering, 1993, 119, 767-781.	1.7	11
71	Elastoplastic Nonlinear Analysis of Flexibly Jointed Space Frames. Journal of Structural Engineering, 1992, 118, 108-127.	1.7	39
72	Nonlinear analysis of lattice structures. Journal of Constructional Steel Research, 1992, 23, 209-225.	1.7	8

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73	Nonlinear analysis of transmission towers. Engineering Structures, 1992, 14, 139-151.	2.6	69
74	Stability of thin-walled members having arbitrary flange shape and flexible web. Engineering Structures, 1992, 14, 121-132.	2.6	20
75	Buckling of columns: Allowance for axial shortening. International Journal of Mechanical Sciences, 1991, 33, 613-622.	3.6	7
76	Single-equation yield surfaces for monosymmetric and asymmetric sections. Engineering Structures, 1991, 13, 366-370.	2.6	23
77	Elasto-Plastic Analysis of Box-Beam-Columns Including Local Buckling Effects. Journal of Structural Engineering, 1991, 117, 1946-1962.	1.7	22
78	Discussion of "Effect of Axial Compressibility on Buckling of Columns" by Charles W. Bert (March), Tj ETQq0 0,0,rgBT /Oylock 10	1.6	4
79	Elasto-plastic large deformation analysis of thin-walled structures. Engineering Structures, 1990, 12, 28-36.	2.6	47
80	Elasto-Plastic Finite Element Models for Angle Steel Frames. Journal of Structural Engineering, 1990, 116, 2567-2581.	1.7	30
81	Nonlinear Analysis of Thin-Walled Structures Using Least Element/Member. Journal of Structural Engineering, 1990, 116, 215-234.	1.7	59
82	Geometric and material nonlinear analysis of structures comprising rectangular hollow sections. Engineering Structures, 1988, 10, 13-23.	2.6	32
83	Interaction between Upheaval/Lateral and Propagation Buckling in Subsea Pipelines. Applied Mechanics and Materials, 0, 553, 434-438.	0.2	0