

George E Varelis

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

163
citations

1478505

6
h-index

1872680

6
g-index

15
all docs

15
docs citations

15
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Pipe Elbows Under Strong Cyclic Loading. Journal of Pressure Vessel Technology, Transactions of the ASME, 2013, 135, .	0.6	42
2	Finite element analysis of UOE manufacturing process and its effect on mechanical behavior of offshore pipes. International Journal of Solids and Structures, 2016, 83, 13-27.	2.7	27
3	Low-Cycle Fatigue of Pressurized Steel Elbows Under In-Plane Bending. Journal of Pressure Vessel Technology, Transactions of the ASME, 2015, 137, .	0.6	26
4	Structural behavior and design of high-strength steel welded tubular connections under extreme loading. Marine Structures, 2020, 71, 102701.	3.8	21
5	Finite element analysis of cyclically-loaded steel pipes during deep water reeling installation. Ocean Engineering, 2016, 124, 113-124.	4.3	17
6	Finite Element Analysis of Industrial Steel Elbows Under Strong Cyclic Loading. , 2011, , .		6
7	Experimental and Numerical Investigation of Pressurized Pipe Elbows Under Strong Cyclic Loading. , 2013, , .		6
8	Buckling of High-Strength Steel Cylinders Under Cyclic Bending in the Inelastic Range ¹ . Journal of Pressure Vessel Technology, Transactions of the ASME, 2014, 136, .	0.6	6
9	Experimental and Numerical Investigation of Pipe T-Junctions Under Strong Cyclic Loading. , 2013, , .		4
10	Effects of UOE Manufacturing Process on Pressurized Bending Response of Offshore Pipes. , 2014, , .		3
11	Pipe Elbows Under Strong Cyclic Loading. , 2012, , .		2
12	Buckling of High-Strength Steel Cylinders Under Cyclic Bending in the Inelastic Range. , 2013, , .		1
13	Low Cycle Fatigue Tests and Simulations on Steel Elbows. , 2013, , .		1
14	Finite Element Analysis of Cyclically-Loaded Steel Pipes During Deep Water Reeling Installation. , 2015, , .		1
15	Structural Performance of Steel Pipe Tee-Junctions. , 2014, , .		0