

Guangming Fu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

342
citations

1162367

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h-index

1058022

14
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19
all docs

19
docs citations

19
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the welding sequence on residual stress and distortion of fillet welded structures. Marine Structures, 2016, 46, 30-55.	1.6	107
2	Effect of boundary conditions on residual stress and distortion in T-joint welds. Journal of Constructional Steel Research, 2014, 102, 121-135.	1.7	75
3	Parameter determination of double-ellipsoidal heat source model and its application in the multi-pass welding process. Ships and Offshore Structures, 2015, 10, 204-217.	0.9	50
4	Buckle propagation of damaged SHCC sandwich pipes: Experimental tests and numerical simulation. Marine Structures, 2021, 77, 102976.	1.6	18
5	A benchmark study of uncertainty in welding simulation. Marine Structures, 2017, 56, 69-84.	1.6	17
6	Collapse pressure of sandwich pipes with strain-hardening cementitious composite - Part 1: Experiments and parametric study. Thin-Walled Structures, 2020, 148, 106605.	2.7	11
7	Collapse pressure of sandwich pipes with strain-hardening cementitious composite - Part 2: A suitable prediction equation. Thin-Walled Structures, 2020, 148, 106606.	2.7	9
8	A simplified equation for the collapse pressure of sandwich pipes with different core materials. Ocean Engineering, 2022, 254, 111292.	1.9	9
9	Effect of material model on residual stress and distortion in T-joint welding. Ships and Offshore Structures, 2018, 13, 56-64.	0.9	8
10	An exact GITT solution for static bending of clamped parallelogram plate resting on an elastic foundation. Engineering Computations, 2019, 36, 2034-2047.	0.7	8
11	Integral transform solution of natural convection in a cylinder cavity with uniform internal heat generation. International Journal of Numerical Methods for Heat and Fluid Flow, 2018, 28, 1556-1578.	1.6	7
12	Numerical and Experimental Studies of Residual Stresses in Multipass Welding of High Strength Shipbuilding Steel. Journal of Ship Research, 2015, 59, 133-144.	0.5	6
13	Sandwich Pipes With Strain Hardening Cementitious Composites (SHCC): Numerical Analyses. , 2014, , .		5
14	Bending of variable thickness rectangular thin plates resting on a double-parameter foundation: integral transform solution. Engineering Computations, 2022, 39, 2689-2704.	0.7	4
15	The effect of eccentricity on the collapse behaviour of sandwich pipes. Applied Ocean Research, 2022, 124, 103190.	1.8	4
16	Sandwich Pipe: Reel-Lay Installation Effects. , 2015, , .		3
17	Study on Collapse Performance of Subsea Insulation Pipe with Different Materials. , 2021, , 555-563.		1
18	Underwater Welding. , 2021, , 1-7.		0

#	ARTICLE	IF	CITATIONS
19	Underwater Welding., 2022, , 2087-2093.		0