

Meng Lin

List of Publications by Year in descending order

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7
papers

64
citations

1937685
4
h-index

1872680
6
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7
all docs

7
docs citations

7
times ranked

21
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic literature review of the application of extended finite element method in failure prediction of pipelines. Journal of Pipeline Science and Engineering, 2021, 1, 241-251.	4.8	21
2	Simulation of Crack Propagation in API 5L X52 Pressurized Pipes Using XFEM-Based Cohesive Segment Approach. Journal of Pipeline Systems Engineering and Practice, 2020, 11, .	1.6	15
3	The Effect of Internal Pressure on the Tensile Strain Capacity of X52 Pipelines With Circumferential Flaws. Journal of Pressure Vessel Technology, Transactions of the ASME, 2016, 138, .	0.6	11
4	Numerical Analysis of API 5L X42 and X52 Vintage Pipes With Cracks in Corrosion Defects Using Extended Finite Element Method. Journal of Pressure Vessel Technology, Transactions of the ASME, 2021, 143, .	0.6	6
5	Novel XFEM variable strain damage model for predicting fracture in small-scale SENT and full-scale pipe tests. Engineering Fracture Mechanics, 2022, 271, 108628.	4.3	5
6	Prediction of Tensile Strain Capacity for X52 Steel Pipeline Materials Using the Extended Finite Element Method. Applied Mechanics, 2021, 2, 209-225.	1.5	4
7	Application of the Extended Finite Element Method (XFEM) to Simulate Crack Propagation in Pressurized Steel Pipes. , 2017, , .		2