

# Shimin Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8031760/publications.pdf>

Version: 2024-02-01

11  
papers

152  
citations

1478505

6  
h-index

1474206

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

84  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Research on a Pipeline Through-wall Communication System Based on Extremely Low Frequency. Insight: Non-Destructive Testing and Condition Monitoring, 2022, 64, 317-325.	0.6	1
2	Water Hammer Simulation Method in Pressurized Pipeline with a Moving Isolation Device. Water (Switzerland), 2021, 13, 1794.	2.7	4
3	Disturbance Observer-Based Patient-Cooperative Control of a Lower Extremity Rehabilitation Exoskeleton. International Journal of Precision Engineering and Manufacturing, 2020, 21, 957-968.	2.2	22
4	The evaluation of the bouncing model of caliper pig's detection arm in subsea gas pipelines. Proceedings of the Institution of Mechanical Engineers Part M: Journal of Engineering for the Maritime Environment, 2019, 233, 735-744.	0.5	1
5	Study on the mechanics of a coiled tubing within a marine "pipe-in-pipe" system with a low diameter ratio. Ships and Offshore Structures, 2018, 13, 385-391.	1.9	6
6	Study on the detection arm accuracy of a leaf spring caliper for detecting internal convex defects in gas pipelines. Measurement Science and Technology, 2018, 29, 085901.	2.6	10
7	Analysis of a novel pressure-resistant permanent magnetic coupler. , 2017, , .		2
8	Friction reduction measurement for a coiled tubing working in a marine riser. Measurement: Journal of the International Measurement Confederation, 2015, 65, 227-232.	5.0	14
9	Measurement and analysis of friction and dynamic characteristics of PIG's sealing disc passing through girth weld in oil and gas pipeline. Measurement: Journal of the International Measurement Confederation, 2015, 64, 112-122.	5.0	56
10	Chatter vibration phenomenon of pipeline inspection gauges (PIGs) in natural gas pipeline. Journal of Natural Gas Science and Engineering, 2015, 27, 1129-1140.	4.4	36
11	The design of plugging isolation process near launcher or receiver. , 2011, , .		0