

Rui Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

432
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

285
citing authors

#	ARTICLE	IF	CITATIONS
1	Probabilistic analysis of natural gas pipeline network accident based on Bayesian network. Journal of Loss Prevention in the Process Industries, 2017, 46, 126-136.	3.3	136
2	Fire whirls due to surrounding flame sources and the influence of the rotation speed on the flame height. Journal of Fluid Mechanics, 2007, 583, 313-345.	3.4	64
3	A risk assessment model of a sewer pipeline in an underground utility tunnel based on a Bayesian network. Tunnelling and Underground Space Technology, 2020, 103, 103473.	6.2	45
4	An Integrated Quantitative Risk Assessment Method for Urban Underground Utility Tunnels. Reliability Engineering and System Safety, 2021, 213, 107792.	8.9	39
5	Hazard identification and analysis of urban utility tunnels in China. Tunnelling and Underground Space Technology, 2020, 106, 103584.	6.2	27
6	Experimental Study on the Burning Characteristics of Transformer Oil Pool Fires. Energy & Fuels, 2020, 34, 4967-4976.	5.1	27
7	Suppression effect of porous media on natural gas explosion in utility tunnels. Fire Safety Journal, 2022, 128, 103522.	3.1	22
8	Dispersion Characteristics of Hazardous Gas and Exposure Risk Assessment in a Multiroom Building Environment. International Journal of Environmental Research and Public Health, 2020, 17, 199.	2.6	12
9	Applications of the Equivalent Gap Fraction Criterion Method for Fire Whirl Risk Evaluation and Prevention in a Real Fire Disaster. Fire Technology, 2014, 50, 143-159.	3.0	10
10	Synthesis of Long Gold Nanorods as an Efficient Photothermal Agent in the Second Near-Infrared Window. Journal of Nano Research, 2016, 40, 180-189.	0.8	9
11	Effects of Internal Partitions on Flow Field and Air Contaminant Distribution under Different Ventilation Modes. International Journal of Environmental Research and Public Health, 2018, 15, 2603.	2.6	9
12	Risk assessment method combining complex networks with MCDA for multi-facility risk chain and coupling in UUS. Tunnelling and Underground Space Technology, 2022, 119, 104242.	6.2	9
13	Study on RSS/AOA hybrid localization in life detection in huge disaster situation. Natural Hazards, 2019, 95, 569-583.	3.4	8
14	Current Status, Challenges and Resilient Response to Air Pollution in Urban Subway. Atmosphere, 2019, 10, 472.	2.3	7
15	Experimental research on seismic response of split-type prefabricated utility tunnels through shaking table tests. Earthquake Engineering and Structural Dynamics, 2022, 51, 2880-2903.	4.4	5
16	A new approach based on the modified FDS to numerically simulate cardboard box combustion under low pressure. Fire and Materials, 2019, 43, 1010-1021.	2.0	2
17	Defect Detection in the Winding Layer of CNG Composite-Wound Cylinders virtue of minimal mechanism is that it allows. International Journal of Precision Engineering and Manufacturing, 2021, 22, 1937-1946.	2.2	1