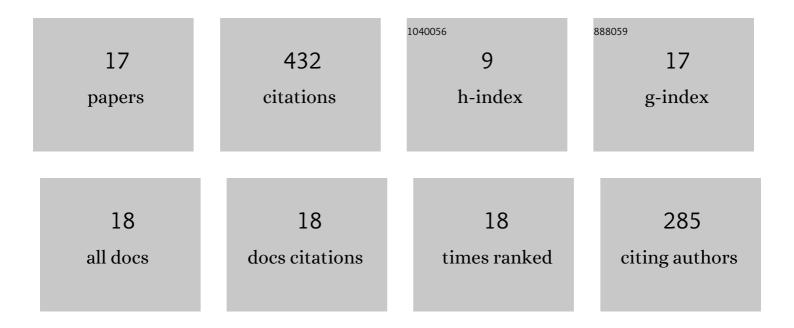
Rui Zhou

List of Publications by Year in descending order

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<u> Ριιι Ζμου</u>

1Risk assessment method combining complex networks with MCDA for multi-facility risk chain and coupling in UUS. Tunnelling and Underground Space Technology, 2022, 119, 104242.6.22Suppression effect of porous media on natural gas explosion in utility tunnels. Fire Safety Journal, 2022, 128, 103522.3.13Experimental research on seismic response of splitâ€type prefabricated utility tunnels through shaking table tests. Earthquake Engineering and Structural Dynamics, 2022, 51, 2880-2903.4.44Defect Detection in the Winding Layer of CNG Composite-Wound Cylindersvirtue of minimal mechanism is that it allows. International Journal of Precision Engineering and Manufacturing, 2021, 22, 1937-1946.2.2	9 22 5 1
2 2022, 128, 103522. 3.1 3 Experimental research on seismic response of splitâ€type prefabricated utility tunnels through shaking table tests. Earthquake Engineering and Structural Dynamics, 2022, 51, 2880-2903. 4.4 4 Defect Detection in the Winding Layer of CNG Composite-Wound Cylindersvirtue of minimal mechanism is that it allows. International Journal of Precision Engineering and Manufacturing, 2021, 2.2 2.2	5
 table tests. Earthquake Engineering and Structural Dynamics, 2022, 51, 2880-2903. Defect Detection in the Winding Layer of CNG Composite-Wound Cylindersvirtue of minimal mechanism is that it allows. International Journal of Precision Engineering and Manufacturing, 2021, 2.2 	
4 mechanism is that it allows. International Journal of Precision Engineering and Manufacturing, 2021, 2.2	1
5An Integrated Quantitative Risk Assessment Method for Urban Underground Utility Tunnels.8.95Reliability Engineering and System Safety, 2021, 213, 107792.8.9	39
6Dispersion 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
 Hazard identification and analysis of urban utility tunnels in China. Tunnelling and Underground Space Technology, 2020, 106, 103584. 	27
8 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
 9 Experimental Study on the Burning Characteristics of Transformer Oil Pool Fires. Energy & amp; Fuels, 2020, 34, 4967-4976. 	27
10 Current Status, Challenges and Resilient Response to Air Pollution in Urban Subway. Atmosphere, 2.3 2019, 10, 472.	7
A new approach based on the modified FDS to numerically simulate cardboard box combustion under 2.0 low pressure. Fire and Materials, 2019, 43, 1010-1021.	2
Study on RSS/AOA hybrid localization in life detection in huge disaster situation. Natural Hazards, 2019, 95, 569-583.	8
 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. 	9
Probabilistic analysis of natural gas pipeline network accident based on Bayesian network. Journal of Loss Prevention in the Process Industries, 2017, 46, 126-136.	136
 Synthesis of Long Gold Nanorods as an Efficient Photothermal Agent in the Second Near-Infrared Window. Journal of Nano Research, 2016, 40, 180-189. 	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.	10
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.	64