## Hui Liu

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Towards a Bibliometric Mapping of Network Public Opinion Studies. Information (Switzerland), 2022, 13, 17.	1.7	10
2	In-depth analysis on safety and security research based on system dynamics: A bibliometric mapping approach-based study. Safety Science, 2022, 147, 105617.	2.6	21
3	A numerical study on smoke behaviors in inclined tunnel fires under natural ventilation. Journal of Safety Science and Resilience, 2022, 3, 169-178.	1.3	4
4	Study on the characteristics and influencing factors of micron/nano carbon material dust explosions. Journal of Loss Prevention in the Process Industries, 2022, 77, 104757.	1.7	4
5	Visualizing the Knowledge Base and Research Hotspot of Public Health Emergency Management: A Science Mapping Analysis-Based Study. Sustainability, 2022, 14, 7389.	1.6	5
6	Thermodynamics of Imidazolium-Based Ionic Liquids for Inhibiting the Spontaneous Combustion of Sulfide Ore. Sustainability, 2022, 14, 7915.	1.6	9
7	Accident Prevention Analysis: Exploring the Intellectual Structure of a Research Field. Sustainability, 2022, 14, 8784.	1.6	10
8	Mapping the knowledge domains of research on fire safety – an informetrics analysis. Tunnelling and Underground Space Technology, 2021, 108, 103676.	3.0	27
9	Mapping the knowledge domains of new energy vehicle safety: Informetrics analysis-based studies. Journal of Energy Storage, 2021, 35, 102275.	3.9	26
10	De-Emulsification and Gravity Separation of Micro-Emulsion Produced with Enhanced Oil Recovery Chemicals Flooding. Energies, 2021, 14, 2249.	1.6	12
11	Study of Jatropha curcas Linn and Olea europaea as Bio-Oil Lubricant to Physical Properties and Wear Rate. Lubricants, 2021, 9, 39.	1.2	5
12	Evaluation of the spontaneous combustion tendency of corrosion products in oil tanks based on TOPSIS methodologies. Journal of Loss Prevention in the Process Industries, 2021, 71, 104475.	1.7	16
13	Fault diagnosis of angle grinders and electric impact drills using acoustic signals. Applied Acoustics, 2021, 179, 108070.	1.7	123
14	Mapping the knowledge domains of research on corrosion of petrochemical equipment: An informetrics analysis-based study. Engineering Failure Analysis, 2021, 129, 105716.	1.8	20
15	Optimizing flow field in an SCR system of a 600ÂMW power plant: effects of static mixer alignment style. Waste Disposal & Sustainable Energy, 2021, 3, 339-346.	1.1	4
16	Mapping knowledge structure and research trends of emergency evacuation studies. Safety Science, 2020, 121, 348-361.	2.6	76
17	Knowledge graph analysis and visualization of research trends on driver behavior. Journal of Intelligent and Fuzzy Systems, 2020, 38, 495-511.	0.8	6
18	Visualization and analysis of mapping knowledge domain of oxidation studies of sulfide ores. Environmental Science and Pollution Research, 2020, 27, 5809-5824.	2.7	26

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#	Article	IF	CITATIONS
19	Visualization and analysis of mapping knowledge domains for spontaneous combustion studies. Fuel, 2020, 262, 116598.	3.4	64
20	Thermodynamic Model and Kinetic Compensation Effect of Spontaneous Combustion of Sulfur Concentrates. ACS Omega, 2020, 5, 20618-20629.	1.6	11
21	Research on a Sliding Detection Method for an Elevator Traction Wheel Based on Machine Vision. Symmetry, 2020, 12, 1158.	1.1	5
22	Thermal decomposition kinetics analysis of the oil sludge using model-based method and model-free method. Chemical Engineering Research and Design, 2020, 141, 167-177.	2.7	31
23	Insights into the effects of sulfate species on CuO/TiO2 catalysts for NH3-SCR reactions. Molecular Catalysis, 2020, 496, 111191.	1.0	14
24	Visualizing the Knowledge Structure and Research Evolution of Infrared Detection Technology Studies. Information (Switzerland), 2019, 10, 227.	1.7	24
25	Mapping the Knowledge Structure and Research Evolution of Urban Rail Transit Safety Studies. IEEE Access, 2019, 7, 186437-186455.	2.6	19
26	Detection of Deterioration of Three-phase Induction Motor using Vibration Signals. Measurement Science Review, 2019, 19, 241-249.	0.6	97
27	Brittleness Risk Evaluation of Mine Safety Based on Brittle Relational Entropy. Mathematical Problems in Engineering, 2019, 2019, 1-10.	0.6	3
28	Thermal behavior and kinetics of sulfide concentrates. Thermal Science, 2019, 23, 2801-2811.	0.5	16
29	Enhanced electrochemical performance of sandwich-structured polyaniline-wrapped silicon oxide/carbon nanotubes for lithium-ion batteries. Applied Surface Science, 2018, 442, 204-212.	3.1	28
30	Visualization and Bibliometric Analysis of Research Trends on Human Fatigue Assessment. Journal of Medical Systems, 2018, 42, 179.	2.2	21
31	Investigation of the pyrophoric tendency of the powder of corrosion products in an oil tank. Powder Technology, 2018, 339, 296-305.	2.1	22
32	Early detection of spontaneous combustion disaster of sulphide ore stockpiles. Tehnicki Vjesnik, 2015, 22, .	0.3	2
33	A New Detecting Technology of the Spontaneous Fire Position in Oil Tank. Lecture Notes in Electrical Engineering, 2014, , 341-348.	0.3	0
34	Prediction of Safety Objective of an Enterprise Using Fuzzy Neural Network. Procedia Engineering, 2012, 43, 162-167.	1.2	4
35	Locating method of fire source for spontaneous combustion of sulfide ores. Central South University, 2011, 18, 1034-1040.	0.5	17
36	A new approach to detect fire source underground mine for preventing spontaneous combustion of sulfide ores. Procedia Engineering, 2010, 7, 318-326.	1.2	8