

Hui Liu

List of Publications by Year in descending order

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36
papers

790
citations

586496

16
h-index

591227

27
g-index

36
all docs

36
docs citations

36
times ranked

630
citing authors

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

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