

Hui Liu

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

790
citations

516561

16
h-index

526166

27
g-index

36
all docs

36
docs citations

36
times ranked

580
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Fault diagnosis of angle grinders and electric impact drills using acoustic signals. <i>Applied Acoustics</i> , 2021, 179, 108070. | 1.7 | 123 |
| 2 | Detection of Deterioration of Three-phase Induction Motor using Vibration Signals. <i>Measurement Science Review</i> , 2019, 19, 241-249. | 0.6 | 97 |
| 3 | Mapping knowledge structure and research trends of emergency evacuation studies. <i>Safety Science</i> , 2020, 121, 348-361. | 2.6 | 76 |
| 4 | Visualization and analysis of mapping knowledge domains for spontaneous combustion studies. <i>Fuel</i> , 2020, 262, 116598. | 3.4 | 64 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 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 | Visualizing the Knowledge Structure and Research Evolution of Infrared Detection Technology Studies. <i>Information (Switzerland)</i> , 2019, 10, 227. | 1.7 | 24 |
| 11 | 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 |
| 12 | Visualization and Bibliometric Analysis of Research Trends on Human Fatigue Assessment. <i>Journal of Medical Systems</i> , 2018, 42, 179. | 2.2 | 21 |
| 13 | 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 |
| 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 | Mapping the Knowledge Structure and Research Evolution of Urban Rail Transit Safety Studies. <i>IEEE Access</i> , 2019, 7, 186437-186455. | 2.6 | 19 |
| 16 | Locating method of fire source for spontaneous combustion of sulfide ores. <i>Central South University</i> , 2011, 18, 1034-1040. | 0.5 | 17 |
| 17 | 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 |
| 18 | Thermal behavior and kinetics of sulfide concentrates. <i>Thermal Science</i> , 2019, 23, 2801-2811. | 0.5 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | 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 |
| 20 | De-Emulsification and Gravity Separation of Micro-Emulsion Produced with Enhanced Oil Recovery Chemicals Flooding. <i>Energies</i> , 2021, 14, 2249. | 1.6 | 12 |
| 21 | Thermodynamic Model and Kinetic Compensation Effect of Spontaneous Combustion of Sulfur Concentrates. <i>ACS Omega</i> , 2020, 5, 20618-20629. | 1.6 | 11 |
| 22 | Towards a Bibliometric Mapping of Network Public Opinion Studies. <i>Information (Switzerland)</i> , 2022, 13, 17. | 1.7 | 10 |
| 23 | Accident Prevention Analysis: Exploring the Intellectual Structure of a Research Field. <i>Sustainability</i> , 2022, 14, 8784. | 1.6 | 10 |
| 24 | Thermodynamics of Imidazolium-Based Ionic Liquids for Inhibiting the Spontaneous Combustion of Sulfide Ore. <i>Sustainability</i> , 2022, 14, 7915. | 1.6 | 9 |
| 25 | 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 |
| 26 | 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 |
| 27 | Research on a Sliding Detection Method for an Elevator Traction Wheel Based on Machine Vision. <i>Symmetry</i> , 2020, 12, 1158. | 1.1 | 5 |
| 28 | 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 |
| 29 | 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 |
| 30 | Prediction of Safety Objective of an Enterprise Using Fuzzy Neural Network. <i>Procedia Engineering</i> , 2012, 43, 162-167. | 1.2 | 4 |
| 31 | 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 |
| 32 | 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 |
| 33 | 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 |
| 34 | Brittleness Risk Evaluation of Mine Safety Based on Brittle Relational Entropy. <i>Mathematical Problems in Engineering</i> , 2019, 2019, 1-10. | 0.6 | 3 |
| 35 | Early detection of spontaneous combustion disaster of sulphide ore stockpiles. <i>Tehnicki Vjesnik</i> , 2015, 22, . | 0.3 | 2 |
| 36 | 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 |