Ruipeng Tong

List of Publications by Year
in descending order

43 papers	776 citations	686830 13 h-index	552369 26 g-index
44 all docs	44 docs citations	44 times ranked	664 citing authors

#	Article	IF	Citations
1	Levels, sources and probabilistic health risks of polycyclic aromatic hydrocarbons in the agricultural soils from sites neighboring suburban industries in Shanghai. Science of the Total Environment, 2018, 616-617, 1365-1373.	3.9	114
2	The construction dust-induced occupational health risk using Monte-Carlo simulation. Journal of Cleaner Production, 2018, 184, 598-608.	4.6	96
3	Emission characteristics and probabilistic health risk of volatile organic compounds from solvents in wooden furniture manufacturing. Journal of Cleaner Production, 2019, 208, 1096-1108.	4.6	82
4	Risk Assessment of Miners' Unsafe Behaviors: A Case Study of Gas Explosion Accidents in Coal Mine, China. International Journal of Environmental Research and Public Health, 2019, 16, 1765.	1.2	52
5	Exposure levels and health damage assessment of dust in a coal mine of Shanxi Province, China. Chemical Engineering Research and Design, 2019, 128, 184-192.	2.7	49
6	Health effects of PM2.5 emissions from on-road vehicles during weekdays and weekends in Beijing, China. Atmospheric Environment, 2020, 223, 117258.	1.9	49
7	Dual process management of coal miners' unsafe behaviour in the Chinese context: Evidence from a meta-analysis and inspired by the JD-R model. Resources Policy, 2019, 62, 205-217.	4.2	29
8	Characteristic Analysis of Unsafe Behavior by Coal Miners: Multi-Dimensional Description of the Pan-Scene Data. International Journal of Environmental Research and Public Health, 2018, 15, 1608.	1.2	26
9	Exploration of relationships between safety performance and unsafe behavior in the Chinese oil industry. Journal of Loss Prevention in the Process Industries, 2020, 66, 104167.	1.7	25
10	Quantitative health risk assessment of inhalation exposure to automobile foundry dust. Environmental Geochemistry and Health, 2019, 41, 2179-2193.	1.8	21
11	Evaluating Targeted Intervention on Coal Miners' Unsafe Behavior. International Journal of Environmental Research and Public Health, 2019, 16, 422.	1.2	18
12	Source analysis and health risk-assessment of ambient volatile organic compounds in automobile manufacturing processes. Human and Ecological Risk Assessment (HERA), 2020, 26, 359-383.	1.7	15
13	Air quality changes in China 2013–2020: Effectiveness of clean coal technology policies. Journal of Cleaner Production, 2022, 366, 132961.	4.6	15
14	Emission sources and probabilistic health risk of volatile organic compounds emitted from production areas in a petrochemical refinery in Hainan, China. Human and Ecological Risk Assessment (HERA), 2020, 26, 1407-1427.	1.7	14
15	Modeling of unsafe behavior risk assessment: A case study of Chinese furniture manufacturers. Safety Science, 2021, 136, 105157.	2.6	12
16	Psychosocial factors for safety performance of construction workers: taking stock and looking forward. Engineering, Construction and Architectural Management, 2023, 30, 944-962.	1.8	12
17	Exploring the Underlying Causes of Chinese Eastern Star, Korean Sewol, and Thai Phoenix Ferry Accidents by Employing the HFACS-MA. International Journal of Environmental Research and Public Health, 2020, 17, 4114.	1.2	11
18	Exploring the Relationships between Safety Compliance, Safety Participation and Safety Outcomes: Considering the Moderating Role of Job Burnout. International Journal of Environmental Research and Public Health, 2021, 18, 4223.	1.2	11

#	Article	IF	Citations
19	Occupational exposure to respirable dust from the coal-fired power generation process: sources, concentration, and health risk assessment. Archives of Environmental and Occupational Health, 2020, 75, 260-273.	0.7	10
20	Health risk assessment of chefs intake of cooking fumes: Focusing on Sichuan cuisine in China. Human and Ecological Risk Assessment (HERA), 2021, 27, 162-190.	1.7	10
21	Probabilistic health risk of volatile organic compounds (VOCs): Comparison among different commuting modes in Guangzhou, China. Human and Ecological Risk Assessment (HERA), 2019, 25, 637-658.	1.7	9
22	Modified accident causation model for highway construction accidents (ACM-HC). Engineering, Construction and Architectural Management, 2021, 28, 2592-2609.	1.8	9
23	Dual hierarchical modelling for the influence of job role demands on psychosocial safety behavior: Evidence from coal industry. International Journal of Industrial Ergonomics, 2022, 89, 103291.	1.5	9
24	Comprehensive comparison of probabilistic health risks of soil heavy metals in China's mining areas. Human and Ecological Risk Assessment (HERA), 2020, 26, 2059-2077.	1.7	8
25	Process safety management in China: Progress and performance over the last 10 years and future development. Process Safety Progress, 2020, 39, e12147.	0.4	8
26	An Assessment Model of Owner Safety Management and Its Application to Real Estate Projects. KSCE Journal of Civil Engineering, 2018, 22, 1557-1571.	0.9	7
27	Evaluation and comparison of the Chinese policy context for safety-related psychological health in the workplace: Realities, gaps and challenges. Journal of Loss Prevention in the Process Industries, 2020, 67, 104217.	1.7	6
28	Monitoring and evaluating the control effect of dust suppressant on heavy metals based on ecological and health risks: a case study of Beijing. Environmental Science and Pollution Research, 2021, 28, 14750-14763.	2.7	6
29	Health damage to housewives by contaminants emitted from coal combustion in the Chinese countryside: focusing on day-to-day cooking. International Archives of Occupational and Environmental Health, 2021, 94, 1917-1929.	1.1	6
30	The application of FLUENT in simulating outcomes from chlorine leakage accidents in a typical chemical factory. Toxicology and Industrial Health, 2016, 32, 919-935.	0.6	5
31	Modeling health impacts of air pollutant emissions from the coal-fired power industry based on LCA and oriented by WTP: a case study. Environmental Science and Pollution Research, 2022, 29, 34486-34499.	2.7	5
32	Impact of safety management system on safety performance: the mediating role of safety responsibility. Engineering, Construction and Architectural Management, 2020, 27, 3155-3170.	1.8	4
33	Comprehensive comparative analysis of air pollutants exposure in different regions of mainland China: Assessment of health impacts and economic burden. Atmospheric Pollution Research, 2021, 12, 101210.	1.8	4
34	Probabilistic cancer risk of human intake of polycyclic aromatic hydrocarbon (PAH)-contaminated soil and dust via hand-to-mouth transfer. Human and Ecological Risk Assessment (HERA), 2018, 24, 1673-1693.	1.7	3
35	An Interactive Model among Potential Human Risk Factors: 331 Cases of Coal Mine Roof Accidents in China. International Journal of Environmental Research and Public Health, 2018, 15, 1144.	1.2	3
36	An experimental approach for exploring the impacts of work stress on unsafe behaviors. Psychology, Health and Medicine, 2021, , 1-8.	1.3	3

#	ARTICLE	IF	CITATIONS
37	A life cycle analysis comparing coal liquefaction techniques: A health-based assessment in China. Sustainable Energy Technologies and Assessments, 2021, 44, 101000.	1.7	3
38	Progress of work safety standardization in China: A case study of hundred local standards in Beijing. Process Safety Progress, 2021, 40, .	0.4	2
39	Effectiveness of road dust suppressants: insights from particulate matter-related health damage. Environmental Geochemistry and Health, 2021, 43, 4139-4162.	1.8	2
40	Health impacts of air pollution in Chinese coal-based clean energy industry: LCA-based and WTP-oriented modeling. Environmental Science and Pollution Research, 2022, 29, 67924-67940.	2.7	2
41	A risk-based approach and its application on land-use planning in crowd massing public places. Georisk, 2014, 8, 92-105.	2.6	1
42	A risk-based approach for crowd evacuation performance evaluation under metro fire. Georisk, 2015, 9, 75-95.	2.6	0
43	A structured and hierarchical safe climate model and its application to safe communities. Safety and Reliability, 2018, 38, 137-170.	1.0	0