

Publikacje naukowe z zakresu BHP indeksowane w bazach Web of Science CC, Scopus – wskaźniki bibliometryczne i altmetryczne, publikacje Open Access w 2024

Przykłady wyszukiwań publikacji z zakresu BHP w bazie WoS CC_zawężenie wyników do artykułów (Articles) opublikowanych w 2024.

Zapytanie wyszukiwawcze: occupational safety and health (BHP)



W ramach wyszukiwania informacji o publikacjach z zakresu BHP w bazach

Poniżej informacja o artykułach - 50 pierwszych w wynikach, które otrzymały najwięcej cytowań, dla wszystkich afiliacji (All), w tym publikacje Early Access (bez zakończonego procesu wydawniczego). Matadane i abstrakty pochodzą z bazy WoS CC.

[Uncovering Critical Causes of Highway Work Zone Accidents Using Unsupervised Machine Learning and Social Network Analysis](#)

[Do, Q](#); [Le, TY](#) and [Le, C](#)

Mar 1 2024

JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT 150 (3)

Highway work zones are essential for the preservation and improvement of the national road system. Nevertheless, these areas are reported to be among the most hazardous workplaces. Thus, it is crucial to develop appropriate measures to effectively mitigate the safety risks, which require a good understanding of the critical causes of accidents. While there are many previous studies on critical

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[9 Citations](#)

[58 References](#)

[Related records](#)

[Fuzzy inference system using genetic algorithm and pattern search for predicting roof fall rate in underground coal mines](#)

[Sahu, A](#); [Sinha, S](#) and [Banka, H](#)

Dec 2024

INTERNATIONAL JOURNAL OF COAL SCIENCE & TECHNOLOGY 11 (1)

One of the most dangerous safety hazard in underground coal mines is roof falls during retreat mining. Roof falls may cause life-threatening and non-fatal injuries to miners and impede mining and transportation operations. As a result, a reliable roof fall prediction model is essential to tackle such challenges. Different parameters that substantially impact roof falls are ill-defined...

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[8 Citations](#)

[26 References](#)

[Related records](#)

[**Global burden of bladder cancer mortality in 2020 and 2040 according to GLOBOCAN estimates**](#)

[Wéber, A; Vignat, J; \(...\); Znaor, A](#)

Apr 16 2024

WORLD JOURNAL OF UROLOGY 42 (1)

Introduction In 2020, bladder cancer (BC) was the seventh most prevalent cancer in the world, with 5-year prevalence of more than 1.7 million cases. Due to the main risk factors-smoking and chemical exposures-associated with BC, it is considered a largely preventable and avoidable cancer. An overview of BC mortality can allow an insight not only into the prevalence of global risk factors...

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[7 Citations](#)

[33 References](#)

[Related records](#)

[**Polyvinyl chloride-reduced graphene oxide based chemiresistive sensor for sensitive detection of ammonia**](#)

[Gaikwad, SS; More, MS; \(...\); Shirsat, MD](#)

Jan 2024

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS 35 (3)

In this study, we present the innovative development of sensitive chemiresistive sensor utilizing a composite material composed of polyvinyl chloride (PVC) and reduced graphene oxide (rGO) for the highly responsive detection of ammonia (NH₃) at ambient conditions. Graphene oxide (GO) was meticulously synthesized employing an enhanced version of Hummer's method, and subsequently, rGO was prepared

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[6 Citations](#)

[75 References](#)

[Related records](#)

[**Optimizing radiation safety in dentistry Clinical recommendations and regulatory considerations**](#)

[Benavides, E; Krecioch, JR; \(...\); Lipman, RD](#)

Apr 2024

JOURNAL OF THE AMERICAN DENTAL ASSOCIATION 155 (4)

Background. The value of dental radiographs to oral health care decision making must be balanced with radiation safety to minimize patient exposure and occupational risk of oral health care providers. This review summarizes recommendations and regulatory guidance regarding dental radiography and cone-beam computed tomography. An expert panel presents recommendations on radiation safety...

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[5 Citations](#)

[104 References](#)

[Related records](#)

[**The Struggle to Regulate Precarious Work Arrangements to Minimize Their Adverse Effects on Health and Safety in Australia**](#)

[Underhill, E](#) and [Quinlan, M](#)

Apr 2024

INTERNATIONAL JOURNAL OF SOCIAL DETERMINANTS OF HEALTH AND HEALTH SERVICES

54 (2) , pp.87-94

As in other countries, the growth of precarious work arrangements in Australia from the late 1970s has had significant adverse effects on occupational health and safety (OHS). While there is now a large body of global research on this issue and its connection to the rise of neoliberalism, there has been less investigation of efforts to address these problems. This article reviews regulatory int

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[5 Citations](#)

[40 References](#)

[Related records](#)

[**Occupational Exoskeletons: Understanding the Impact on Workers and Suggesting Guidelines for Practitioners and Future Research Needs**](#)

[Botti, L](#) and [Melloni, R](#)

Jan 2024

APPLIED SCIENCES-BASEL 14 (1)

Featured Application This research aims to provide support to industrial practitioners who are searching for suggestions and directions addressing the adoption of occupational exoskeletons supporting manual material handling at work. Abstract This paper examines occupational exoskeletons and their effects on workers. The study includes a thorough evaluation of the current literature on occupatio

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[5 Citations](#)

[63 References](#)

[Related records](#)

[**An integrated Fine-Kinney risk assessment model utilizing Fermatean fuzzy AHP-WASPAS for occupational hazards in the aquaculture sector**](#)

[Ayvaz, B](#); [Tatar, V](#); (...); [Pamucar, D](#)

Jun 2024

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION

186 , pp.232-251

The multidisciplinary field of occupational health and safety (OHS) aims to identify, assess, and mitigating hazards that arise in the workplace or due to the execution of the work. The Fine-Kinney method is a quantitative risk assessment widely applied in many industries to identify, evaluate and prevent potential hazards. Despite the widespread usage of the classic Fine-Kinney approach in sev

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[4 Citations](#)

[186 References](#)

[Related records](#)

[A Consolidated MCDM Framework for Overall Performance Assessment of Listed Insurance Companies Based on Ranking Strategies](#)

[Isik, Ö](#); [Çalik, A](#) and [Shabir, M](#)

2024Mar 2024 (Early Access)

COMPUTATIONAL ECONOMICS

The main objective of this study is to analyze the performance of non-life insurance companies operating in the Turkish insurance industry with a hybrid model including Pythagorean Fuzzy Analytic Hierarchy Process (PFAHP) and Multi-Attributive Ideal-Real Comparative Analysis (MAIRCA) methods. For this purpose, the performance assessment indicators, consisting of fourteen sub-criteria in three d

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[4 Citations](#)

[99 References](#)

[Related records](#)

[What factors contribute to in-role and extra-role safety behavior among food delivery riders?](#)

[Nguyen-Phuoc, DQ](#); [Mai, NX](#); (...); [Oviedo-Trespalacios, O](#)

Apr 2024

TRANSPORTATION RESEARCH PART F-TRAFFIC PSYCHOLOGY AND BEHAVIOUR

102 , pp.177-198

Food delivery riders face significant road safety risks globally. Previous studies have primarily focused on the direct relationship between job demands, job resources, and road safety behaviors, often neglecting the potential indirect paths through dual processes, namely the health impairment process and the motivational process, which may lead to dangerous riding behaviors. Additionally, the

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[4 Citations](#)

[93 References](#)

[Related records](#)

[Australian emergency nurses' experiences of working with personal protective equipment during the COVID-19 pandemic. A qualitative study](#)

[Dempster, P](#); [Hutchinson, A](#); (...); [Bouchoucha, SL](#)

Mar 2024

AUSTRALASIAN EMERGENCY CARE

27 (1) , pp.63-70

Introduction: The COVID-19 pandemic has exposed a need to understand the challenges associated with wearing Personal protective Equipment (PPE). The aim in this study was to explore emergency nurses' experiences early in the COVID-19 pandemic in Australia and the impact of PPE use on their practice.

Methods: An explorative descriptive qualitative study was conducted between January 2022 and Apr

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[4 Citations](#)

[83 References](#)

[Related records](#)

[Mental health disorder symptoms among serving Royal Canadian Mounted Police](#)

[Carleton, RN](#); [Jamshidi, L](#); (...); [Andrews, KL](#)

Sep 2 2024

POLICE PRACTICE AND RESEARCH 25 (5) , pp.543-563

The Royal Canadian Mounted Police (RCMP) experience extraordinary exposures to diverse occupational stressors, potentially exacerbated by systemic stressors (e.g., public calls for pervasive organizational changes, the COVID-19 pandemic, natural disasters). The current study was designed to assess the mental health of currently serving RCMP (n = 1348) who completed an online survey from June 20

[Full Text at Publisher](#)

[4 Citations](#)

[68 References](#)

[Related records](#)

[Global Patterns of Agricultural Machine and Equipment Injuries- A Systematic Literature Review](#)

[Raza, MMS](#); [Li, SH](#) and [Issa, SF](#)

Apr 2 2024

JOURNAL OF AGROMEDICINE 29 (2) , pp.214-234

ObjectivesAgriculture is the one of the hazardous industries in the world. Though there is significant investment in agricultural safety, machine injuries continue to be the leading cause of agriculture injuries worldwide. The objective of this study was to provide a comprehensive literature review on global patterns in agricultural machine injuries and establish a framework for future research

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[4 Citations](#)

[71 References](#)

[Related records](#)

[Sustaining Organizational Outcomes in Manufacturing Firms: The Role of HRM and Occupational Health and Safety](#)

[Ateeq, A](#); [Al-Refaei, A](#); (...); [Ibrahim, A](#)

Feb 2024

SUSTAINABILITY 16 (3)

While there is burgeoning interest in the influence of human resource management (HRM) on sustainability organizational outcomes (SOO), the intricate interplay with Occupational Health and Safety (OHS) has not yet been explored, particularly in manufacturing firms' contexts. Therefore, this study aims to probe the symbiotic relationship between HRM practices, OHS, and SOO, spotlighting manufact

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[4 Citations](#)

[66 References](#)

[Related records](#)

[Statewide Initiative to Reduce Patient Radiation Doses During Percutaneous Coronary Intervention](#)

[Madder, RD](#); [Seth, M](#); (...); [Gurm, HS](#)

Feb 2024

CIRCULATION-CARDIOVASCULAR INTERVENTIONS 17 (2)

Background: Improved radiation safety practices are needed across hospitals performing percutaneous coronary intervention (PCI). This study was performed to assess the temporal trend in PCI radiation doses concurrent with the conduct of a statewide radiation safety initiative. Methods: A statewide initiative to reduce PCI radiation doses was conducted in Michigan between 2017 and 2021 and inclu

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[4 Citations](#)

[10 References](#)

[Related records](#)

[Nurses' perceived health and occupational burnout: A focus on sleep quality, workplace violence, and organizational culture](#)

[Chang, YP](#); [Lee, DC](#); (...); [Chiu, MH](#)

2024Jan 2024 (Early Access) INTERNATIONAL NURSING REVIEW

Aim: This study investigates the mediation of sleep quality between perceived health and occupational burnout in hospital nurses, considering the moderation of workplace violence and organizational culture. Background: Occupational factors lead to physical and mental distress, burnout, and sleep issues in nurses. Approximately two-thirds of nurses experience burnout, impacting patient care quali

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[4 Citations](#)

[49 References](#)

[Related records](#)

[Imine-Linked 2D Conjugated Porous Organic Polymer Films for Tunable Acid Vapor Sensing](#)

[Gayle, J](#); [Roy, S](#); (...); [Ajayan, PM](#)

Jan 3 2024

ACS APPLIED MATERIALS & INTERFACES 16 (2) , pp.2726-2739

Two-dimensional (2D) films of conjugated porous organic polymers (C-POPs) can translate the rich in-plane functionalities of conjugated frameworks into diverse optical and electronic applications while addressing the processability issues of their crystalline analogs for adaptable device architectures. However, the lack of facile single-step synthetic routes to obtain large-area high-quality fi

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[4](#)

Citations

[88](#)

References

[Related records](#)

[Reduced graphene oxide \(rGO\) and 5, 10, 15, 20-tetra-p-tolyl-21H, 23H-porphine \(TPTP\) composite: highly reproducible and repeatable chemiresistive SO₂ sensor](#)

[Khune, AS](#); [Narwade, VN](#); (...); [Shirsat, MD](#)

Jan 2024

APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING 130 (1)

In the current study, a chemiresistive SO₂ sensor based on a composite of reduced graphene oxide (rGO) and 5, 10, 15, 20-tetra-p-tolyl-21H, 23H-porphine (TPTP) was developed and extensively studied. Improved Hummers methods were used to synthesize graphene oxide (GO), and a thermally heating bottom-up approach was used to reduce GO to rGO. Gold electrodes were thermally coated on the transparen

[Full Text at Publisher](#)

[4](#) Citations

[74](#) References

[Related records](#)

[Standard Occupational Classification Codes: Gaps in Federal Data on the Public Health Workforce](#)

[Krasna, H](#); [Venkataraman, M](#); (...); [Leider, JP](#)

Jan 2024

AMERICAN JOURNAL OF PUBLIC HEALTH 114 (1) , pp.48-56

Objectives. To determine whether US Department of Labor standard occupational classification (SOC) codes can be used for public health workforce research. Methods. We reviewed past attempts at SOC matching for public health occupations and then used the National Institute for Occupational Safety and Health Industry and Occupation Computerized Coding System (NIOCCS) to match the actual job title

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[4](#) Citations

[34](#) References

[Related records](#)

[ChatGPT in Occupational Medicine: A Comparative Study with Human Experts](#)

[Padovan, M](#); [Cosci, B](#); (...); [Palla, A](#)

Jan 2024

BIOENGINEERING-BASEL 11 (1)

The objective of this study is to evaluate ChatGPT's accuracy and reliability in answering complex medical questions related to occupational health and explore the implications and limitations of AI in occupational health medicine. The study also provides recommendations for future research in this area and informs decision-makers about AI's impact on healthcare. A group of physicians was enlis

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[4 Citations](#)

[46 References](#)

[Related records](#)

[Prevalence of Hoarseness in Primary Health Care and Hospitals-Associations - Associations With Different Work Tasks and Environmental Factors Among Nurses](#)

[Vilén, L](#); [Atosuo, J](#) and [Putus, T](#)

Sep 2024

JOURNAL OF VOICE

38 (5) , pp.1253e29-1253e34

Objectives: The voice is one of the most essential tools necessary for nurses achieve high care satisfaction and safety. Research on hoarseness has mainly focused on professional speakers, like teachers. The aim of this study was to determine the current prevalence of hoarseness among six subgroups of nurses (registered nurses, primary care nurses, pediatric nurses, laboratory nurses, dental nu

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[25 References](#)

[Related records](#)

[Chemiresistive sensor based on PMMA/rGO composite for detection ammonia](#)

[Gaikwad, SS](#); [Khune, AS](#); (...); [Shirsat, MD](#)

Oct 16 2024

SENSORS AND ACTUATORS A-PHYSICAL

377

Reduced graphene oxide (rGO) has been a promising material in sensing applications. However, rGO-based sensors have very high recovery time at room temperature (RT). Therefore, various materials combination needs to explored to address this issue. We have developed chemiresistive sensor based on a composite of Poly (methyl methacrylate) (PMMA) and rGO for detection of ammonia (NH₃). 3). To pre

[Full Text at Publisher](#)

[3 Citations](#)

[77 References](#)

[Related records](#)

[Radiation Exposure to the Interventional Echocardiographers and Sonographers: A Call to Action](#)

[Garcia-Sayan, E](#); [Jain, R](#); (...); [Quader, N](#)

Jul 2024

JOURNAL OF THE AMERICAN SOCIETY OF ECHOCARDIOGRAPHY 37 (7) , pp.698-705

Interventional echocardiography is a rapidly growing field within the disciplines of cardiology and anesthesiology, with the rise of advanced transcatheter procedures making skilled imagers more important than ever. However, these procedures also involve frequent manipulation of the transesophageal echocardiography probe, which means interventional echocardiographers (IEs) are at risk of long-t

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[35 References](#)

[Related records](#)

[**Telling Tales: Using Vignettes to Overcome Optimism Bias in Farm Health and Safety Attitudinal Studies**](#)

[Mohammadrezaei, M](#); [Meredith, D](#) and [Mcnamara, J](#)

Oct 1 2024

JOURNAL OF AGROMEDICINE

29 (4) , pp.531-546

Objective Measuring attitudes of farmers to safe farming practices using quantitative causal relationship approaches is central to improving understanding of (un)safe practices. This knowledge is important in the development of effective farm safety interventions. However, the accuracy of quantitative attitudinal studies in explaining farmers' decision-making faces a potential measurement challenge

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[48 References](#)

[Related records](#)

[**Comprehensive radiation shield minimizes operator radiation exposure in coronary and structural heart procedures**](#)

[Rizik, DG](#); [Gosselin, KP](#); (...); [Goldstein, JA](#)

Jul 2024

CARDIOVASCULAR REVASCULARIZATION MEDICINE 64 , pp.70-75

Objectives: This study evaluated the efficacy of a novel comprehensive shield designed to minimize radiation exposure (RE) to Physicians performing coronary and structural heart procedures. Background: The Protego (TM) radiation shielding system (Image Diagnostics Inc., Fitchburg, Ma) is designed to provide comprehensive protection from RE and has been State certified sufficient to allow operat

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[26 References](#)

[Related records](#)

[The impact of nursing sustainable prevention program on heat strain among agricultural elderly workers in the context of climate change](#)

[Shaban, M](#); [Amer, FGM](#) and [Shaban, MM](#)

Jul-aug 2024

GERIATRIC NURSING

58 , pp.215-224

Background: This study assesses a geriatric nursing -led sustainable heat prevention program for elderly agricultural workers. It targets those aged 60 and above, addressing the heightened risk of heat strain in the era of climate change. Methods: A community - based quasi -experimental design involved 120 elderly agricultural workers, divided into intervention and control groups. The program, s

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[67](#) References

[Related records](#)

[Safety Leadership: A Catalyst for Positive Safety Climate on Construction Sites](#)

[Sankar, SS](#); [Anandh, KS](#) and [Prasanna, K](#)

Jun 2024

BUILDINGS

14 (6)

Limited research exists on safety leadership and safety climate in developing countries, despite their established importance in the construction industry. This study addresses this gap by investigating how immediate superiors' safety leadership behaviours influence safety climate perceptions among construction professionals in southern India. Using a quantitative approach, the study collected

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[138](#) References

[Related records](#)

[Covalent-Organic-Framework-Modified Quartz Crystal Microbalance Sensor for Selective Detection of Hazardous Formic Acid](#)

[Ahmed, LR](#); [Lüder, J](#); (...); [EL-Mahdy, AFM](#)

May 28 2024

ACS APPLIED MATERIALS & INTERFACES

16 (23) , pp.30408-30420

Covalent organic frameworks (COFs) are a novel family of porous crystalline materials utilized in various advanced applications. However, applying COFs as a hazardous organic acid gas sensor is substantial but still challenging. Herein, a phenylenediamine-

based covalent organic framework (TPDA-TPB COF) featuring excellent crystallinity, ultrastable thermal stability, and high surface area was s

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[3 Citations](#)

[70 References](#)

[Related records](#)

[Explainable Artificial Intelligence to Support Work Safety in Forestry: Insights from Two Large Datasets, Open Challenges, and Future Work](#)

[Hoenigsberger, F](#); [Saranti, A](#); (...); [Holzinger, A](#)

May 2024

APPLIED SCIENCES-BASEL

14 (9)

Forestry work, which is considered one of the most demanding and dangerous professions in the world, is claiming more and more lives. In a country as small as Austria, more than 50 forestry workers are killed in accidents every year, and the number is increasing rapidly. This serves as a catalyst for us to implement more stringent measures for workplace safety in order to achieve the sustainabi

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[66 References](#)

[Related records](#)

[Contamination characteristics of uncultivated arable lands and health risk warning based on the predicted heavy metal content in rice-Dongting Lake Basin, China](#)

[Wu, C](#); [Li, F](#); (...); [Tian, J](#)

Jul 2024

JOURNAL OF GEOCHEMICAL EXPLORATION 262

An arable land shortage is emerging due to soil pollution and a growing population, with many cultivated areas experiencing high-intensity utilisation. Uncultivated arable land (UAL) represents a potential resource, essential for safeguarding future food supply. However, the contamination characteristics and risks of heavy metals (HMs) in UAL remain unclear, hindering safe crop production when

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[65 References](#)

[Related records](#)

[Working hours and health - key research topics in the past and future](#)

[Härmä, M](#); [Kecklund, G](#) and [Tucker, P](#)

2024

SCANDINAVIAN JOURNAL OF WORK ENVIRONMENT & HEALTH

50 (4) , pp.233-243

Objective This paper discusses the past and present highlights of working hours and health research and identifies key research needs for the future. **Method** We analyzed over 220 original articles and reviews on working hours and health in the Scandinavian Journal of Work, Environment & Health published during the last 50 years. Key publications from other journals were also included. **Results** Th

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[Related records](#)

[Risk self-perception and occupational accidents](#)

[García-Mainar, I](#) and [Montuenga, VM](#)

Feb 2024

JOURNAL OF SAFETY RESEARCH

88 , pp.135-144

Introduction: This study analyzes the relationship between measures of occupational accidents and workers' perception of risk in the workplace using nationally representative data on workers' characteristics and a complete record of occupational accidents. **Methods:** Regression analyzes addressing both the ordinal nature of the dependent variable and causality were conducted to control for differ

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[Bibliometric analysis of safety management system research \(2001-2021\)](#)

[Otitolaiye, VO](#) and [Abd Aziz, FS](#)

Feb 2024

JOURNAL OF SAFETY RESEARCH

88 , pp.111-124

Introduction: Occupational health and safety (OHS) has become an integral part of human society, particularly considering the growing rates of injuries and deaths worldwide. Hence, numerous employers, governments, and stakeholders worldwide have established critical OHS measures to safeguard human health and occupational safety. Numerous studies have been conducted to identify and highlight ris

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[Respirable Silica Dust Exposure of Migrant Workers Informing Regulatory Intervention in Engineered Stone Fabrication](#)

[Seneviratne, M](#); [Shankar, K](#); (...); [Nand, A](#)

Mar 2024

SAFETY AND HEALTH AT WORK

15 (1) , pp.96-101

Background: Silicosis among workers who fabricate engineered stone products in micro or small-sized enterprises (MSEs) was reported from several countries. Workplace exposure data of these workers at high risk of exposure to respirable crystalline silica (RCS) dust are limited. Methods: We surveyed workers performing cutting, shaping and polishing tasks at 6 engineered stone fabricating MSEs in

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[23 References](#)

[Related records](#)

[The Effect of a Suspended Radiation Protection System on Occupational Radiation Doses During Infrarenal EVAR Procedures: A Randomised Controlled Study](#)

[Santos, JS](#); [Kaasalainen, T](#); (...); [Aho, P](#)

Mar 2024

EUROPEAN JOURNAL OF VASCULAR AND ENDOVASCULAR SURGERY

67 (3) , pp.435-443

Objective: To compare the protective effect of Zero Gravity (ZG) with conventional radiation protection during endovascular aneurysm repair (EVAR). Secondly, user experience was surveyed with a questionnaire on ergonomics. Methods: This was a single centre, prospective, randomised, two arm trial where 71 consecutive elective infrarenal EVAR procedures were randomised into two groups: (1) operat

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[23 References](#)

[Related records](#)

[Perceived Factors Affecting the Implementation of Occupational Health and Safety Management Systems in the South African Construction Industry](#)

[Kunodzia, R](#); [Bikitsha, LS](#) and [Haldenwang, R](#)

Mar 2024

SAFETY 10 (1)

Although notable efforts have been made in the past to improve Occupational Health and Safety (OHS), the overall performance has not significantly improved as high-level injuries, risks, and fatalities continue to occur. Earlier studies have shown that

implementing an Occupational Health and Safety Management System (OHSMS) ensures a reduction in accidents on site, which is, however, not easy d

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[63 References](#)

[Related records](#)

[Workplace accidents and the probabilities of injuries occurring in the civil construction industry in Brazilian Amazon: A descriptive and inferential analysis](#)

[Moreira, FGP](#); [de Oliveira, CP](#) and [Farias, CA](#)

May 2024

SAFETY SCIENCE

173

The Civil Construction Industry (CCI) is a globally recognized industry with a high incidence of workplace accidents and fatalities. Despite extensive research, few studies have focused on this subject in less developed regions of Brazil, such as the Amazon. In addition, the majority of these studies have focused solely on descriptive models, neglecting inferential statistical techniques that c

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[40 References](#)

[Related records](#)

[An evaluation of first responders' intention to refer to post-overdose services following SHIELD training](#)

[Siddiqui, ST](#); [La Manna, A](#); (...); [Winograd, RP](#)

Feb 13 2024

HARM REDUCTION JOURNAL 21 (1)

BackgroundFirst responders [law enforcement officers (LEO) and Fire/Emergency Medical Services (EMS)] can play a vital prevention role, connecting overdose survivors to treatment and recovery services. This study was conducted to examine the effect of occupational safety and harm reduction training on first responders' intention to refer overdose survivors to treatment, syringe service, naloxon

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[3 Citations](#)

[42 References](#)

[Related records](#)

[Artificial intelligence in advancing occupational health and safety: an encapsulation of developments](#)

[Shah, IA](#) and [Mishra, S](#)

Jan 4 2024

JOURNAL OF OCCUPATIONAL HEALTH

66 (1)

Objectives: In an era characterized by dynamic technological advancements, the well-being of the workforce remains a cornerstone of progress and sustainability. The evolving industrial landscape in the modern world has had a considerable influence on occupational health and safety (OHS). Ensuring the well-being of workers and creating safe working environments are not only ethical imperatives b

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[3 Citations](#)

[124 References](#)

[Related records](#)

[National vaccination policies for health workers - A cross-sectional global overview](#)

[Young, S](#); [Goldin, S](#); (...); [Desai, S](#)

Feb 6 2024

VACCINE 42 (4) , pp.757-769

Background: Immunization is essential for safeguarding health workers from vaccine-preventable diseases (VPDs) that they may encounter at work; however, information about the prevalence and scope of national policies that protect health workers through vaccination is limited. Understanding the global landscape of health worker immunization programmes can help direct resources, assist decision-m

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[3 Citations](#)

[51 References](#)

[Related records](#)

[National Policy Index \(NPI\) for worker mental health and its relationship with enterprise psychosocial safety climate](#)

[Potter, RE](#); [Dollard, M](#); (...); [Cefaliello, A](#)

Apr 2024

SAFETY SCIENCE 172

National occupational health and safety (OHS) policy (e.g., legislation) underpins worker health protection and is imperative for healthy and safe working populations. In the interest of bolstering mental health through decent work, this study undertakes a global analysis of OHS policy for worker mental health and develops and validates a short tool quantifying national policy approaches-the Na

[Free Full Text From Publisher](#)

[3 Citations](#)

[34 References](#)

[Related records](#)

[Molecular simulation study of the influence of different surfactants on the wetting characteristics of anthracite](#)

[Jin, H](#); [Zhang, YS](#); (...); [Chen, ZX](#)

Mar 2024

ARABIAN JOURNAL OF CHEMISTRY 17 (3)

The reduction of dust pollution in coal mines is of great importance both for protection of the environment and for the occupational safety and health of coal mine workers. The reduction of dust from anthracite has been a challenge due to its inherent hydrophobicity and high metamorphism. As a result, surfactants are commonly added to water to improve the wettability of coal, thereby improving

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[37 References](#)

[Related records](#)

[Digital Innovations for Occupational Safety Empowering Workers in Hazardous Environments](#)

[Dodoo, JE](#); [Al-Samarraie, H](#); (...); [Alalwan, N](#)

Mar 2024

WORKPLACE HEALTH & SAFETY

72 (3) , pp.84-95

Background: The quest to increase safety awareness, make job sites safer, and promote decent work for all has led to the utilization of digital technologies in hazardous occupations. This study investigated the use of digital innovations for safety and health management in hazardous industries. The key challenges and recommendations associated with such use were also explored. Method: Using the

[Free Full Text From Publisher](#)

[3 Citations](#)

[53 References](#)

[Related records](#)

[Psychosocial work conditions and traffic safety among minibus and long-bus drivers](#)

[Amodu, M](#); [Ansah, EW](#) and [Sarfo, JO](#)

Jan 4 2024

JOURNAL OF OCCUPATIONAL HEALTH 66 (1)

Objective: This study sought to examine the association between psychosocial work factors and road traffic crashes (RTCs), and test the differences in psychosocial work factors between minibus and long-bus drivers. Methods: This cross-sectional survey

employed a convenient sampling method to collect data from 7315 long-distance minibuses and long-bus drivers who operate between the Ghanaian cities

[Free Full Text from Publisher](#)

[3 Citations](#)

[35 References](#)

[Related records](#)

[**Perceptions of interprofessional team collaboration among professionals working in the occupational health service in Sweden**](#)

[Mouazzen, AK](#); [Blomberg, K](#) and [Jaensson, M](#)

Jan 4 2024

JOURNAL OF OCCUPATIONAL HEALTH 66 (1)

Objectives: Interprofessional collaboration (IPC) among professionals in occupational health (OH) services is crucial when rendering a service to clients and customers. The aim of this study was to describe and compare perceptions relating to IPC among professionals working as OH providers in Sweden. Methods: This cross-sectional study with a descriptive and comparative design included 456 respondents

[Free Full Text from Publisher](#)

[3 Citations](#)

[40 References](#)

[Related records](#)

[**Prevalence and risk factors of work-related musculoskeletal disorders among physical therapists in Ho Chi Minh City, Vietnam**](#)

[Le, TTT](#); [Jalayondeja, W](#); (...); [Jalayondeja, C](#)

Jan 2 2024

BMC PUBLIC HEALTH 24 (1)

Background Understanding risk factors linked to work-related musculoskeletal disorders (WMSDs) is crucial for enhancing health promotion and ensuring workplace safety among healthcare professionals particularly physical therapists (PTs). However, in Vietnam, there has been lack of an investigation. Therefore, this study was to determine whether potential risk factors contributed to the occurrence

[Free Full Text from Publisher](#) [View Full Text on ProQuest](#)

[3 Citations](#)

[33 References](#)

[Related records](#)

[**Assessing the Great Resignation phenomenon: voluntary resignation of young Italian workers during the COVID-19 pandemic**](#)

[Borrelli, I](#); [Santoro, PE](#); (...); [Rossi, MF](#)

Jan-feb 2024

ANNALI DI IGIENE MEDICINA PREVENTIVA E DI COMUNITA 36 (1) , pp.88-98

Introduction. The COVID-19 pandemic has determined a radical change in workplace dynamics, with a reported increase in voluntary resignation from employment at a global level, especially among the youngest workers. The aim of this study is to investigate the social, demographic, and cultural characteristics of young people aged between 25 and 45 years who voluntarily resigned from their previous

[View full text](#)

[3 Citations](#)

[17 References](#)

[Related records](#)

[**An Occupational Safety Risk Management System for Coastal Construction Projects**](#)

[Yilmaz, DI](#) and [Artan, D](#)

2024

IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT 71 , pp.14387-14400

Inadequate management of safety risks causes fatalities, injuries, delays, and cost overruns in construction projects. Unpredictable and hostile conditions in coastal construction exacerbate these safety risks. Successful risk management requires effective management and communication of risk information as well as rapid access to relevant knowledge. For this purpose, safety risk management sys

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[3 Citations](#)

[48 References](#)

[Related records](#)

[**Effects of dust controls on respirable coal mine dust composition and particle sizes: case studies on auxiliary scrubbers and canopy air curtain**](#)

[Animah, F](#); [Keles, C](#); (...); [Sarver, E](#)

Dec 2024

INTERNATIONAL JOURNAL OF COAL SCIENCE & TECHNOLOGY 11 (1)

Control of dust in underground coal mines is critical for mitigating both safety and health hazards. For decades, the National Institute of Occupational Safety and Health (NIOSH) has led research to evaluate the effectiveness of various dust control technologies in coal mines. Recent studies have included the evaluation of auxiliary scrubbers to reduce respirable dust downstream of active minin

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[2 Citations](#)

[50 References](#)

[Related records](#)

[**A hybrid model for assessing safety implementation and project success in the construction industry**](#)

[Ali, AH](#); [Kineber, AF](#); (...); [Zamil, AM](#)

Oct 2024

ALEXANDRIA ENGINEERING JOURNAL 105 , pp.626-639

Construction projects are prone to accidents and injuries, necessitating a focus on implementing safety programs. However, the implementation of such programs is influenced by various factors. Developing countries often have poor safety performance in their building sectors, with limited research in this area. This study aimed to identify essential safety program activities (SPAs) specific to t

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[2 Citations](#)

[91 References](#)

[Related records](#)

Artykuły uzyskane na zapytanie „occupational safety and health” zindeksowane w **WoS CC** z afiliacją **Poland**

(stan na: 27.11.2024.)

wyniki = 26 artykułów, 8 uzyskało przynajmniej jedno cytowanie,

25 artykułów oznaczono jako Open Access

26 results from Web of Science Core Collection for:

occupational safety and health (Topic)

+ Add Keywords Quick add keywords: < + occupational health and safety + virtual reality >

Refined By: Publication Years: 2024 X Document Types: Article X Countries/Regions: POLAND X Clear all

[The Impact of Sociodemographic Factors on Job Satisfaction and Professional Burnout among Nurses in Urology Departments](#)

[Jarosz, K](#) and [Mlynarska, A](#)

Jun 2024

NURSING REPORTS 14 (2) , pp.883-900

(1) Background: Job satisfaction and professional burnout directly impact human life, depending on various professional, non-professional, and private determinants. Nurses, in particular, are highly susceptible to experiencing professional burnout, which, when combined with job satisfaction, significantly affects the quality of their services. This study aimed to assess the level of job satisfaction

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[2 Citations](#)

[88 References](#)

[Related records](#)

[The impact of employment restriction on the risk of an accident at work in the mining industry in Poland](#)

[Malysa, T; Nowacki, K; \(...\); Lykholat, S](#)

Mar 1 2024

PRODUCTION ENGINEERING ARCHIVES 30 (1) , pp.67-74

The European Union's energy policy has necessitated a reduction in coal mining, with significant consequences for occupational safety within the industry. This study investigates the correlation between employment reduction and accident risk within Poland's mining sector during 2006-2020, a period marked by over a 40% decrease in coal extraction and a corresponding 30% decrease in mining employ

[Free Full Text from Publisher](#)

[2 Citations](#)

[45 References](#)

[Related records](#)

[Improvement of the occupational risk management process in the work safety system of the enterprise](#)

[Bazaluk, O; Tsopa, V; \(...\); Lozynskyi, V](#)

Jan 15 2024

FRONTIERS IN PUBLIC HEALTH 11

Purpose The research purpose is to improve the management of occupational risks associated with hazards as well as the organization's capabilities to identify hazardous factors (HFs) using the "BOW-TIE" method in accordance with the provisions of the ISO 45001:2019 standard. Methods To improve occupational risk management, the "BOW-TIE" method has been introduced into occupational health and saf

[Free Full Text from Publisher](#)

[2 Citations](#)

[72 References](#)

[Related records](#)

[Italian S3-Guideline on the treatment of Atopic Eczema Part 1: Systemic therapy, adapted from EuroGuiDerm by the Italian Society of Dermatology and STD \(SIDEMAST\), the Italian Association of Hospital Dermatologists \(ADOI\) and the Italian Society of Allergological and Environmental Dermatology \(SIDAPA\)](#)

[Argenziano, G; Cusano, F; \(...\); Flohr, C](#)

Jun 2024

ITALIAN JOURNAL OF DERMATOLOGY AND VENERELOGY

159 (3) , pp.223-250

SIDeMaST (Societ & agrave; Italiana di Dermatologia Medica, Chirurgica, Estetica e delle Malattie Sessualmente Trasmesse) contributed to the development of the present guideline on the systemic treatment of chronic plaque psoriasis. With the permission of EuroGuiDerm, SIDeMaST adapted the guideline to the Italian healthcare context to supply a reliable and affordable tool to Italian physicians

[Free Full Text From Publisher](#)

[1](#) Citation

[95](#) References

[Related records](#)

[Analysis of the Effectiveness of Safety Training Methods](#)

[Bes, P](#) and [Strzalkowski, P](#)

Apr 2024

SUSTAINABILITY 16 (7)

Work safety is an important area of business activity, particularly in industries with the most dangerous risks, such as mining, construction and energy. The aim is to reduce the number of accidents and increase employee awareness of occupational hazards and the principles of safe working practices. One of the most important ways to increase employee awareness and consequently reduce accidents

[Free Full Text from Publisher](#)

[1](#) Citation

[103](#) References

[Related records](#)

[Challenges of industrial systems in terms of the crucial role of humans in the Industry 5.0 environment](#)

[Saniuk, S](#); [Grabowska, S](#) and [Thibbotuwawa, A](#)

Mar 1 2024

PRODUCTION ENGINEERING ARCHIVES

30 (1) , pp.94-104

The fourth industrial revolution (4IR) means the ubiquitous digitization of economic processes using more economical and efficient production technologies. Orientation to productivity, flexibility and low production costs results in a slow process of dehumanization of industry and concentration only on implementing Industry 4.0 (I4.0) digital technologies. A natural consequence of this trend is

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[1](#) Citation

[67](#) References

[Related records](#)

[Application of Virtual Reality \(VR\) Technology in Mining and Civil Engineering](#)

[Strzalkowski, P](#); [Bes, P](#); (...); [Napiórkowski, M](#)

Mar 2024

SUSTAINABILITY 16 (6)

Virtual reality (VR) is one of the most innovative technologies that allows the development of a computerised, three-dimensional image that imitates reality. With this

solution, it is possible to show different objects and even simulate a sequence of actions. The application of virtual reality technology in industries with high accident rates, such as mining and construction, contributes to sus

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[1 Citation](#)

[115 References](#)

[Related records](#)

[**Nurses' attitudes towards factors determining the safety of patients treated in intensive care units: Cross-sectional study**](#)

[Malinowska-Lipien, I](#); [Sasak, P](#); (...); [Brzostek, T](#)

Sep 2024

NURSING IN CRITICAL CARE

29 (5) , pp.1015-1022

Background: The goal of health care systems is to ensure high quality of medical services provided, including patient safety. The intensive care unit (ICU) is an environment conducive to the occurrence of adverse events and medical errors because of the complexity of the care provided, the severity of the conditions of patients treated in these units and work often performed under stressful con

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[1 Citation](#)

[32 References](#)

[Related records](#)

[**Employee Safety in the Conditions of Industry 4.0**](#)

[Górny, A](#)

Dec 1 2024

MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING 32 (4) , pp.489-497

The safety of employees during the implementation of work processes is one of the important conditions for the efficient implementation of production tasks. The situation does not change with the use of automation and robotization. On the contrary, it may be a source of hazards in new areas, requiring specific actions to limit the possibility of accidents occurring or to limit their consequence

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[40 References](#)

[Related records](#)

[**Inhalational exposure to heavy metals: Carcinogenic and non-carcinogenic risk assessment**](#)

[Khoshakhlagh, AH](#); [Ghobakhloo, S](#) and [Gruszecka-Kosowska, A](#)

Nov 2024

JOURNAL OF HAZARDOUS MATERIALS ADVANCES 16

Occupational exposure to heavy metals (HMs) in various activities might pose a severe risk to human health. A systematic review was undertaken to gather relevant studies on occupational exposure to HMs in various professions without time limitation and included all studies up to February 5, 2023. This study aimed to identify workplaces exposed to HMs, examine HM concentrations in different occu

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[122](#) References

[Related records](#)

[Developing a Culture of Safety for Sustainable Development and Public Health in Manufacturing Companies-A Case Study](#)

[Kabiesz, P](#) and [Tutak, M](#)

Sep 2024

SUSTAINABILITY 16 (17)

One of the most important values in human life is health and safety. This is reflected in the Sustainable Development Goals (SDG3, SDG8), which were presented by the United Nations in 2015. These goals emphasize the importance of ensuring healthy lives, promoting well-being for all, and fostering inclusive and sustainable economic growth through decent work and safe working conditions. Taking i

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[63](#) References

[Related records](#)

[Adaptation of the Workplace for Disabled People-Sustainable Participation in the Labor Market](#)

[Tylutki, K](#); [Konopacka, Z](#); (...); [Solatycka, D](#)

Sep 2024

SUSTAINABILITY 16 (17)

The article concerns the issue of equal opportunities for disabled employees as sustainable participation in the labor market in selected workplaces in Poland. Disabled people are part of society; therefore, they should not be discriminated against by exclusion and allowed to participate fully in public life. This work analyzes scientific publications and fragments of reports, which have made i

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[24](#) References

[Related records](#)

[Impact of Indoor Environment and Biological Processes on Bioaerosol Levels in a University Wastewater Treatment Lab](#)

[Upadhyay, R](#); [Przystas, W](#) and [Gautam, S](#)

Sep 2024

WATER AIR AND SOIL POLLUTION 235 (9)

Bioaerosol emitted in university biological laboratories may exert adversely effects on employees and students. The occupational health and safety have been given much importance. This study aimed to monitor the risk of bioaerosol formation inside a biological wastewater treatment laboratory where other biological activities were performed along with wastewater treatment using the biological me

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[46](#) References

[Related records](#)

[**Evaluation of Soldiers' Knowledge and Sense of Threats Regarding Exposure to Biological Risk Factors at the Place of Service**](#)

[Zawadzka, M](#); [Lis, A](#); (...); [Szymanski, P](#)

Sep 2024

HEALTHCARE 12 (17)

Exposure to harmful biological agents and the level of knowledge about specific risk factors are extremely important topics, especially among military personnel. This study evaluates the knowledge and perceptions of soldiers regarding exposure to biological risk factors during their service. This research was conducted using an online survey distributed through the WBBS research panel, in which

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[**CONTACT LENSES AS A PREFERRED CHOICE FOR VISION CORRECTION IN VARIOUS CLINICAL SCENARIOS WITH REGARD TO WORK ENVIRONMENT**](#)

[Bys, A](#) and [Berus, T](#)

2024

MEDYCYNĄ PRACY-WORKERS HEALTH AND SAFETY 75 (4) , pp.383-390

Amendment to the Regulation of Minister of Labour and Social Policy of 1 December 1998 on safety and occupational hygiene at positions equipped with display monitors, adopted on October 18th, 2023, entered the long-awaited by employees possibility of reimbursement for corrective contact lenses, adjusting the Polish legislation to European directive regulating working conditions with display scr

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[34](#) References

[Related records](#)

[**Analysing Near-Miss Incidents in Construction: A Systematic Literature Review**](#)

[Wozniak, Z](#) and [Hola, B](#)

Aug 2024

APPLIED SCIENCES-BASEL 14 (16)

The construction sector is notorious for its high rate of fatalities globally. Previous research has established that near-miss incidents act as precursors to accidents. This study aims to identify research gaps in the literature on near-miss events in construction and to define potential directions for future research. The Scopus database serves as the knowledge source for this study. To ident

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[ADAPTATIONS OF THE WORK ENVIRONMENT FACILITATING THE PROFESSIONAL ACTIVITY OF SENIORS](#)

[Kapitaniak, B](#) and [Bortkiewicz, A](#)

2024

MEDYCYNĄ PRACY-WORKERS HEALTH AND SAFETY 75 (3) , pp.293-302

Background: Analysis of demographic trends indicates that there is an increasing proportion of people who can be described as elderly. In Poland, the population aged >60 years is expected to increase to 10.8 million in 2030 and to 13.7 million in 2050, i.e., around 40% of total population. In line with the general trend, the issue of the aging of the professionally active population is becoming

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[The role of trust in occupational safety: research results](#)

[Ordysinski, S](#)

Jul 2 2024

INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS

30 (3) , pp.741-753

This article presents the concept and results of a study on the effects of organizational trust on the safety level in an enterprise. The research results presented provide valid and reliable statistical evidence that employees' trust in management is an important factor that significantly affects safety in a company. In particular, the research findings prove that employees' trust in managemen

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[62](#) References

[Related records](#)

[**Application of Selected Lean Manufacturing Tools to Improve Work Safety in the Construction Industry**](#)

[Malysa, T;](#) [Furman, J;](#) (...); [Solc, M](#)

Jul 2024

APPLIED SCIENCES-BASEL 14 (14)

Shaping safe and hygienic working conditions is the basic obligation of the employer. Employers are still looking for methods, tools, and solutions to improve work safety. The study reviews the literature on solutions aimed at improving occupational safety in construction. For this purpose, bibliometric analysis was used, consisting of the exploration and analysis of scientific studies in the f

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[65](#) References

[Related records](#)

[**The Impact of the Use of VR on the Effectiveness of Training in the Field of Occupational Health and Safety and Ergonomics - the Perspective of Polish Enterprises**](#)

[Czernecka, W](#)

May 2024

TEHNICKI GLASNIK-TECHNICAL JOURNAL 18 (2) , pp.304-309

Enterprises are increasingly using modern solutions to train employees in the field of occupational safety and ergonomics. This is intended to encourage active participation in such training and to shape employees' awareness of these topics. One of the solutions used may be VR technology, which allows the employees to learn about issues by presenting situations as close to real ones as possible

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[23](#) References

[Related records](#)

[**Development and testing of immersive virtual reality environment for safe unmanned aerial vehicle usage in construction scenarios**](#)

[Szóstak, M;](#) [Mahamadu, AM;](#) (...); [Agyekum, K](#)

Aug 2024

SAFETY SCIENCE 176

Robotics and autonomous systems are increasingly being used on construction sites to complete tasks and complement human effort. One such autonomous system is unmanned aerial vehicles (UAV), although their wrong use could be potentially hazardous to humans and the environment. Given its relative novelty in construction, there remains a dearth of knowledge about safety risks associated with thei

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[80](#) References

[Related records](#)

[ATTITUDES REGARDING VACCINATION ON THE EXAMPLE OF COVID-19 PREVENTION](#)

[Rybacki, M](#); [Szkiela, M](#); (...); [Marcinkiewicz, A](#)

2024

MEDYCINA PRACY-WORKERS HEALTH AND SAFETY 75 (2) , pp.123-131

Background: COVID-19 vaccines for public use were approved at the turn of 2020 and 2021. The level of vaccination coverage against COVID-19 in Poland is one of the lowest in Europe. Despite scientific studies there are people who are afraid of vaccinations and spread false information about them. Vaccinations against COVID-19 allowed us to learn about the attitudes of people who decided to be v

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[16](#) References

[Related records](#)

[Proposal and practicality of an alternative blue-light hazard risk assessment method for high-intensity white-light sources at workplaces](#)

[Bauer, S](#); [Berget, M](#); (...); [Wolska, A](#)

Apr 2 2024

INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS

30 (2) , pp.450-459

Objectives. It is prescribed to determine blue-light hazard (BLH) weighted radiances, LB, for an assessment of spotlights with an angular subtense $\alpha \geq 11$ mrad. The BLH weighted irradiance, EB, can be used alternatively for smaller sources. Appropriate instruments are not common among persons commissioned with risk assessment (RA), and especially LB measurements may be challenging. Therefore, a

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[22](#) References

[Related records](#)

[Method of Reducing Energy Consumption during Forklift Operator Training in Cargo Terminals Utilizing Virtual Reality](#)

[Kierzkowski, A](#); [Ryczynski, J](#) and [Kisiel, T](#)

Mar 2024

ENERGIES 17 (5)

In the era of shrinking resources of traditional fossil fuels and the increasingly dominant sustainable development policy, actions are taken to reduce energy consumption as much as possible, assuming that we achieve identical operational goals. These activities are apparent in the industries with the most significant energy demand, i.e., the aviation industry. To achieve this, these industries

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[53 References](#)

[Related records](#)

[MODEL OF THE FORMATION OF WORK SAFETY CULTURE IN POLISH MINING ENTERPRISES](#)

[Kapusta, M](#); [Bak, P](#) and [Sukiennik, M](#)

2024

ARCHIVES OF MINING SCIENCES 69 (2) , pp.253-270

The article presents the results of research on the level of work safety culture, which is an important element influencing the organisational culture in mining enterprises. The article aims to measure the safety culture among managers in Polish hard coal mines. The assumed goal was achieved in the area of literature and empirical research. Research shows that the precise identification of hazards

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[39 References](#)

[Related records](#)

[DID SAFETY-ENGINEERED DEVICE IMPLEMENTATION CONTRIBUTE TO REDUCING THE RISK OF NEEDLESTICK AND SHARPS INJURIES? RETROSPECTIVE INVESTIGATION OF 20 YEARS OF OBSERVATION IN A SPECIALIST TERTIARY REFERRAL HOSPITAL](#)

[Szczypka, A](#); [Rózanska, A](#); (...); [Talaga-Cwiertnia, K](#)

2024

INTERNATIONAL JOURNAL OF OCCUPATIONAL MEDICINE AND ENVIRONMENTAL HEALTH 37 (2) , pp.234-243

Objectives: In Poland, there are numerous cases of injuries caused by sharp instruments annually, still significantly more than in other European Union countries. The aim of this study was to analyze work-related injuries among healthcare workers in a selected hospital before and after the implementation of safety-engineered devices (SED). Material and Methods:

Retrospective analysis of medical

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[23 References](#)

[Related records](#)

[Employee Safety in the Conditions of Industry 4.0](#)

[Górny, A](#)

Dec 1 2024

MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING

32 (4) , pp.489-497

The safety of employees during the implementation of work processes is one of the important conditions for the efficient implementation of production tasks. The situation does not change with the use of automation and robotization. On the contrary, it may be a source of hazards in new areas, requiring specific actions to limit the possibility of accidents occurring or to limit their consequence

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Nov 2024

JOURNAL OF HAZARDOUS MATERIALS ADVANCES

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Sep 2024

SUSTAINABILITY 16 (17)

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[Zawadzka, M](#); [Lis, A](#); (...); [Szymanski, P](#)

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[Wozniak, Z](#) and [Hola, B](#)

Aug 2024

APPLIED SCIENCES-BASEL 14 (16)

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2024

MEDYCYNĄ PRACY-WORKERS HEALTH AND SAFETY 75 (3) , pp.293-302

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[Ordysinski, S](#)

Jul 2 2024

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[Related records](#)

Artykuły uzyskane na zapytanie „occupational safety and health” zindeksowane w **Scopus** CC z afiliacją All Countries

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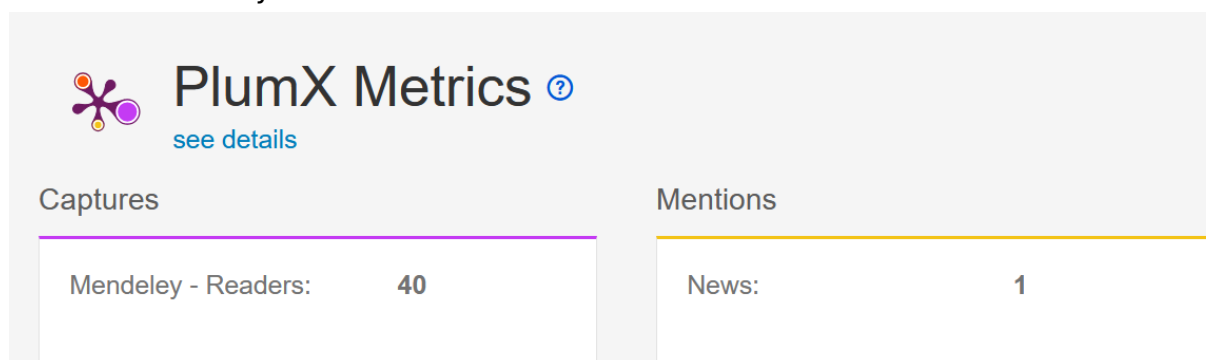
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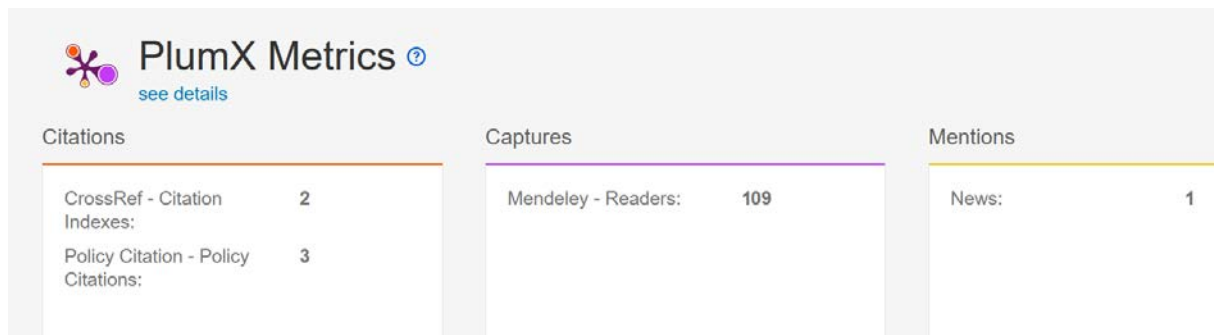
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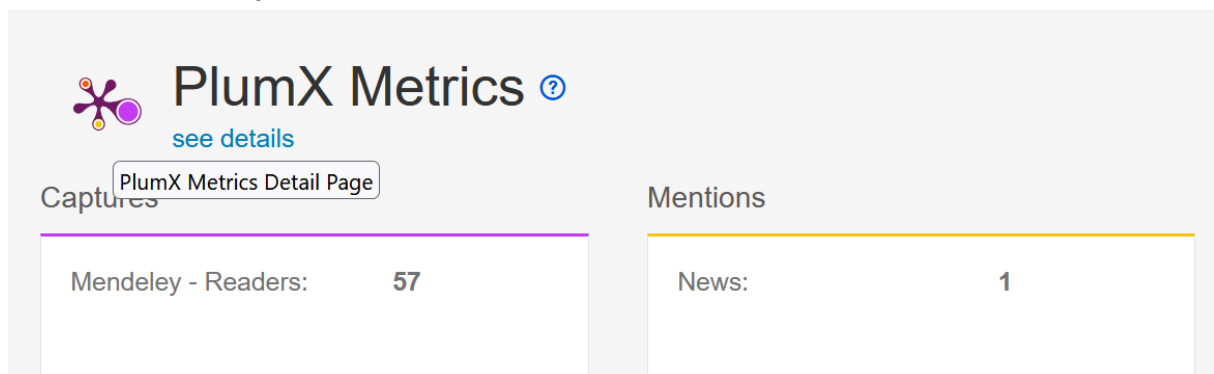
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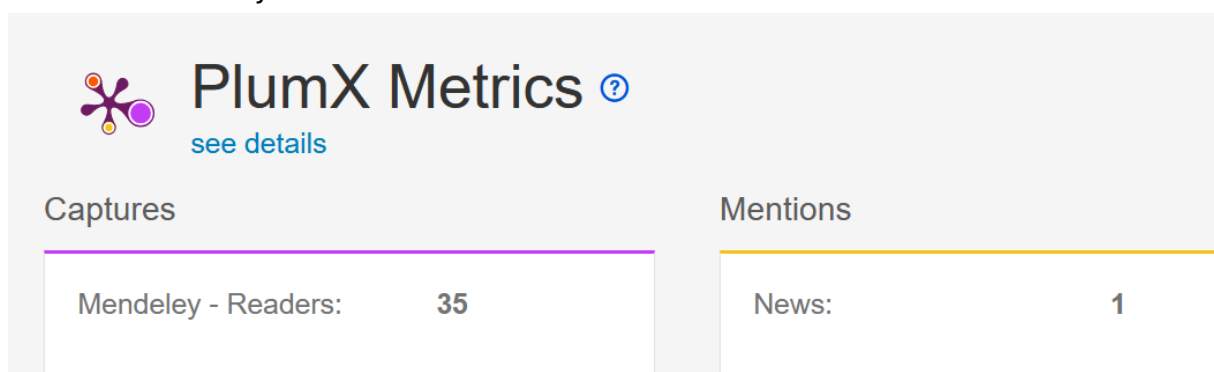
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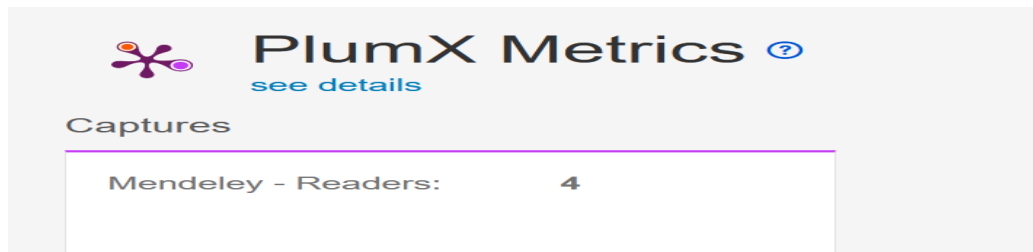
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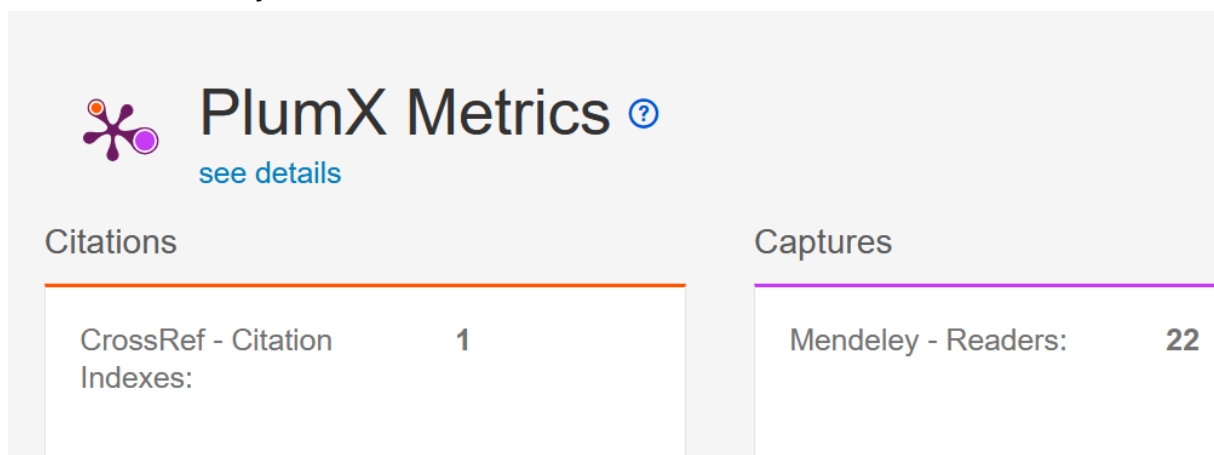
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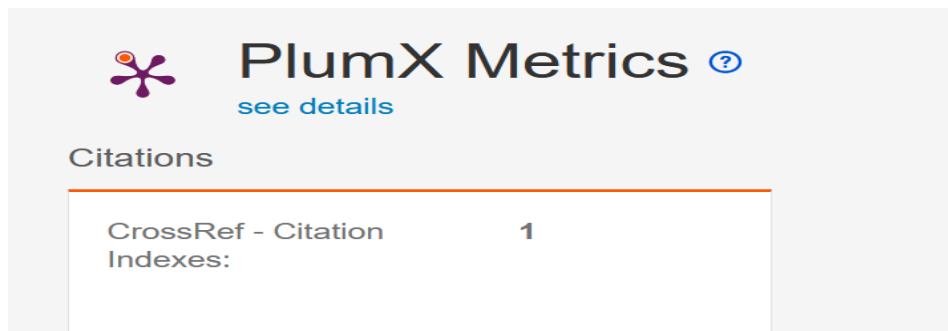
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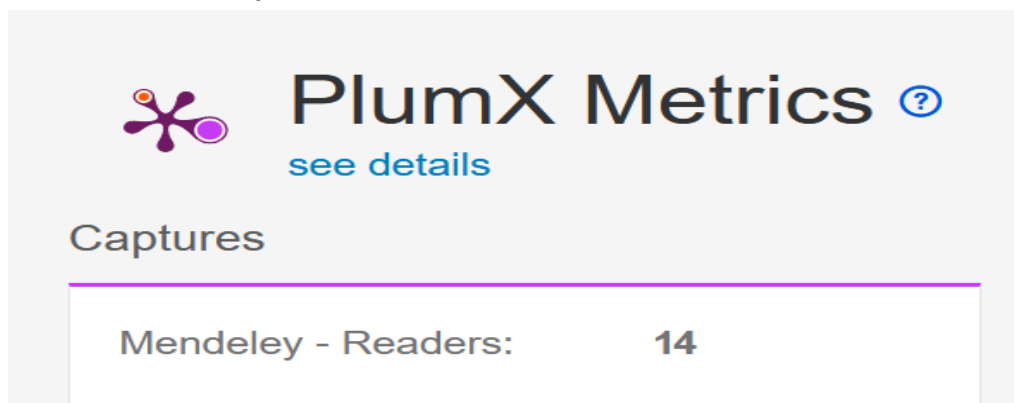
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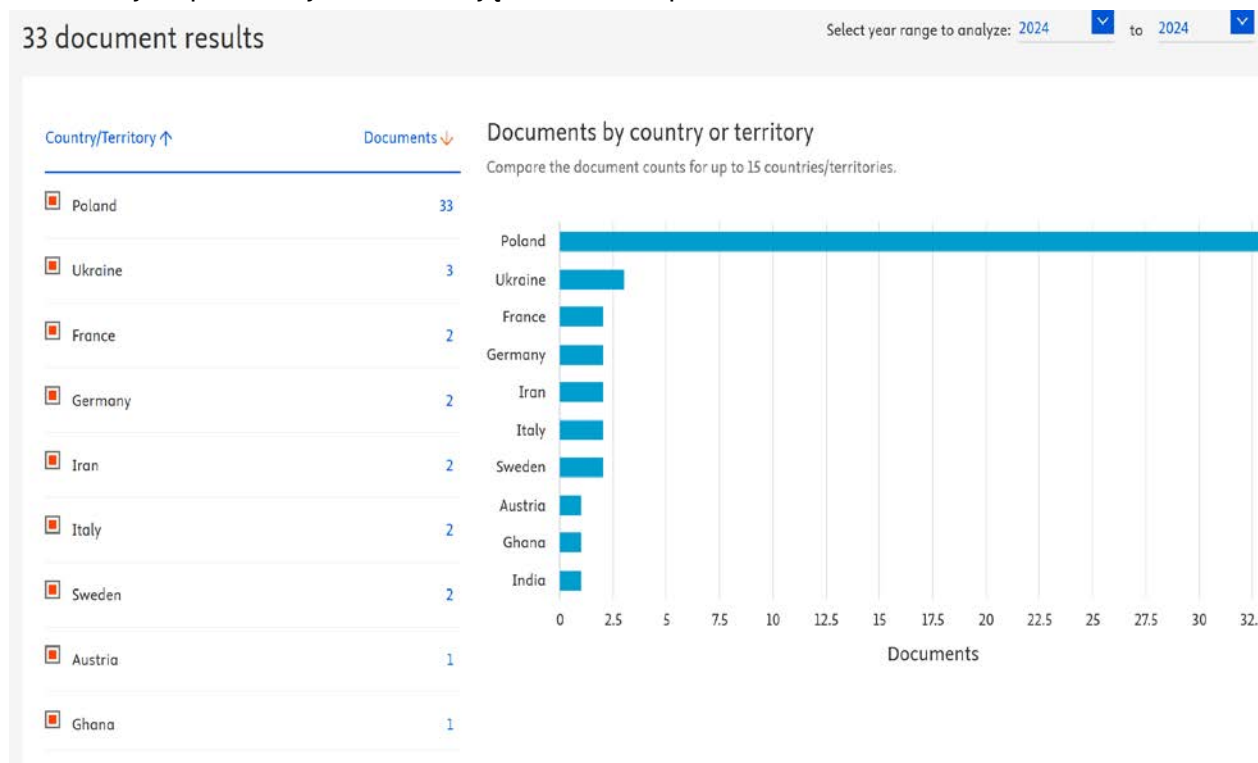
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