

Publikacje naukowe z zakresu BHP indeksowane w bazach Web of Science CC, Scopus – wskaźniki bibliometryczne i altmetryczne, publikacje Open Access w 2025

Uzyskane wyniki wyszukiwań na poszczególne zapytania wyszukiwawcze. Wyniki zawżone do artykułów (Articles) i publikacji przeglądowych (Reviews) opublikowanych w 2025. Dla każdego wyniku zaprezentowano 20 publikacji – pierwszych na liście wyników

- najwyższych cytowaniach
- z jednym cytowaniem
- bez cytowań.

Poza wskaźnikami cytowań w bazach wykorzystywane są inne źródła danych altmetrycznych (m.in.: pobrania, przeczytanie, post w mediach społecznościowych)

W bazie Web of Science CC – są dostępne informacje o liczbie użyć (use in Web of Science):

Use in Web of Science

Usage count_liczba użyć

Liczba użyć jest miarą poziomu zainteresowania konkretnym elementem na platformie Web of Science. Liczba ta odzwierciedla liczbę przypadków, w których artykuł zaspokoił potrzeby informacyjne użytkownika, co zostało wykazane poprzez kliknięcie linków do pełnej wersji artykułu na stronie internetowej wydawcy (poprzez bezpośredni link lub Open-Url) lub poprzez zapisanie artykułu do wykorzystania w narzędziu do zarządzania bibliografią (poprzez bezpośredni eksport lub w formacie do późniejszego importu). Liczba użyć jest zapisem wszystkich działań wykonanych przez wszystkich użytkowników Web of Science, a nie tylko działań wykonanych przez użytkowników z danej instytucji. Liczba użyć dla różnych wersji tego samego elementu na platformie Web of Science jest ujednolicona. Liczba użyć w WoS CC jest aktualizowana codziennie.

Usage count - Last 180 days

Jest to liczba przypadków, w których w ciągu ostatnich 180 dni uzyskano dostęp do pełnego tekstu rekordu lub zapisano rekord. Liczba ta może się zmieniać w miarę zbliżania się końca ustalonego okresu.

Usage count_Since 2013

Jest to liczba przypadków, w których od 1 lutego 2013 r. uzyskano dostęp do pełnego tekstu rekordu lub zapisano rekord. Liczba ta może z czasem wzrosnąć lub pozostać niezmienna.

W bazie Scopus są wskaźniki na bieżąco aktualizowane i dostarczane przez firmę Plum Metrix. Z poziomu rekordu w Scopus jest możliwość zapoznania się z tymi wskaźnikami altmetrycznymi, poprzez zakładkę Impact, następnie przez Plum Metrix i w kolejnym kroku PlumX details.

Document Impact Cited by (9) References (35) Similar documents

PlumX metrics

[View PlumX details >](#)

Wskaźniki PlumX

w serwisie Scopus śledzą pięć kluczowych obszarów — wykorzystanie, przechwytywanie, wzmianki, media społecznościowe i cytowania — oferując szerszy obraz wpływu badań naukowych wykraczający poza tradycyjne cytowania. Zapewniają one wgląd w czasie rzeczywistym w sposób, w jaki badania są wykorzystywane i udostępniane na różnych platformach.

Web of Science CC

Zapytania wyszukiwawcze: „occupational safety and health”

Afiliacja: All countries_2025

Zapytanie wyszukiwawcze: “occupational safety and health” (BHP)_WoS CC_2025

Data dostępu do danych: 24.10.2025.

Search > Results for "occupational safety and health" (Topic) AND 2025 (Year Publish...

348 results from Web of Science Core Collection for:

"occupational safety and health" (Topic) and 2025 (Year Published)



Poniżej informacja o artykułach - 20 pierwszych w wynikach, które otrzymały najwięcej cytowań, dla wszystkich afiliacji (All countries), w tym publikacje Early Access (bez zakończonego procesu wydawniczego). Metadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

1. A framework to integrate virtual reality into international standard safety trainings

[Abotaleb, IS](#); [Elhakim, Y](#); (...); [Soliman, M](#)

Mar 28 2025

[ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT](#)

32 (4) , pp.2320-2341

PurposeThe objective of this research is to propose an immersive framework that integrates virtual reality (VR) technology with directives international safety training certification bodies to enhance construction safety training, which eventually leads to safer construction sites.
Design/methodology/approachThe adopted methodology combines expert insights and experimentation to maximize the eff

[View full text](#)

[10](#) Citations

[68](#) References

[Related records](#)

Use in Web of Science

5

Last 180 Days

30

Since 2013

W celu zilustrowania – gdzie w rekordzie w WoS CC jest informacja o Usage in WoS, poniżej zamieszczono fragment rekordu z widocznym **Usage in Web of Science**:

A framework to integrate virtual reality into international standard safety tr...

Full text at publisher  Export  Add To Marked List  < 1 of 1 >

A framework to integrate virtual reality into international standard safety trainings

By [Abotaleb, IS \(Abotaleb, Ibrahim S.\)](#) ^[1]; [Elhakim, Y \(Elhakim, Yasmin\)](#) ^[1]; [El Rifaee, M \(El Rifaee, Mohamed\)](#) ^[1]; [Bader, S \(Bader, Sahar\)](#) ^[1]; [Hosny, O \(Hosny, Osama\)](#) ^[1]; [Abodonya, A \(Abodonya, Ahmed\)](#) ^[2]; [Ibrahim, S \(Ibrahim, Salma\)](#) ^[1]; [Sherif, M \(Sherif, Mohamed\)](#) ^[3]; [Sorour, A \(Sorour, Abdelrahman\)](#) ^[1]; [Soliman, M \(Soliman, Mennatallah\)](#) ^[1]

[View Web of Science ResearcherID and ORCID](#) (provided by Clarivate)

Source [ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT](#) 
Volume: 32 Issue: 4 Page: 2320-2341
DOI: 10.1108/ECAM-09-2023-0969

Published MAR 28 2025

Early Access DEC 2023

Indexed 2024-01-04

Document Type Article

 [View funding text](#)

Funding agency	Grant number	Show All Details
Egyptian Knowledge Bank (EKB) American University Cairo	SSE-CENG-1A -FY21-FY22-RG(2-20)	Show details

[+ See more data fields](#)

Citation Network

In Web of Science Core Collection

10
Citations

 [Create citation alert](#)

10
Times Cited in All Databases

[+ See more times cited](#)

68
Cited References

[→ View Related Records](#)

Use in Web of Science

5
Last 180 Days

30
Since 2013

[Learn more →](#)

2. [The Psychosocial Hierarchy of Controls: Effectively Reducing Psychosocial Hazards at Work](#)

[Kjaergaard, A](#); [Rudolf, EM](#); (...); [Ajslev, JZN](#)

Mar 2025

[AMERICAN JOURNAL OF INDUSTRIAL MEDICINE](#)

68 (3) , pp.250-263

Background Psychosocial hazards in the workplace contribute to mental disorders, cardiovascular diseases, and musculoskeletal ill-health. The Hierarchy of Controls applied to NIOSH Total Worker Health (TWH HOC) aims to mitigate these hazards through effective interventions. This study proposes a revision of the model resulting in a HOC for psychosocial hazards (P-HOC) and explores its applicatio

[Free Full Text From Publisher](#)

[7 Citations](#)

[36 References](#)

Use in Web of Science

3

Last 180 Days

3

Since 2013

[Related records](#)

[3. Enhancing Worker Safety Behaviors Through the Job Demands-Resources Approach: Insights from the Korean Construction Sector](#)

[Seo, HJ](#); [Rhee, SY](#) and [Yoon, YG](#)

Feb 2025

[BUILDINGS](#) 15 (3)

(1) Background: The construction industry faces high occupational accident rates due to complex work environments and physical hazards, significantly impacting worker safety and well-being. Drawing on the Conservation of Resources (COR) theory and the Job Demands-Resources (JD-R) model, this study addresses the challenges posed by the multi-level subcontracting structure in the Korean construct

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

[5](#) Citations

[43](#) References

[Related records](#)

Use in Web of Science

4

Last 180 Days

13

Since 2013

[4. Highly sensitive, responsive, and selective iodine gas sensor fabricated using AgI-functionalized graphene](#)

[Chen, Z](#); [Lei, Q](#); (...); [Han, Y](#)

Jan 30 2025

[NATURE COMMUNICATIONS](#)

16 (1)

Radioactive molecular iodine (I₂) is a critical volatile pollutant generated in nuclear energy applications, necessitating sensors that rapidly and selectively detect low concentrations of I₂ vapor to protect human health and the environment. In this study, we design and prepare a three-component sensing material comprising reduced graphene oxide (rGO) as the substrate, silver iodide (AgI) part

[Free Full Text from Publisher](#)

[5](#) Citations

[41](#) References

[Related records](#)

Use in Web of Science

45

Last 180 Days

75

Since 2013

5. [The NIOSH Worker Well-Being Questionnaire \(WellBQ\): A Psychometric Assessment with the Early Childhood Education Workforce](#)

[Powers, JN](#); [Farewell, CV](#); (...); [Puma, JE](#)

Mar 2025

[EARLY CHILDHOOD EDUCATION JOURNAL](#)

53 (3) , pp.799-807

The well-being of the early childhood education (ECE) workforce is of great importance to the field, yet existing measures to capture well-being are varied in conceptual and contextual constructs. There is a need to measure well-being among ECE employees holistically and to be able to compare to other industries. The National Institute for Occupational Safety and Health Worker Well-being Questi

[Full Text at Publisher](#)

[5](#) Citations

[40](#) References

[Related records](#)

Use in Web of Science

3

Last 180 Days

12

Since 2013

6. [Integrated Noise Management Strategies in Industrial Environments: A Framework for Occupational Safety, Health, and Productivity](#)

[Chis, TV](#); [Cioca, LI](#); (...); [Barsan, VA](#)

Feb 2025

[SUSTAINABILITY](#)

17 (3)

Noise exposure in rubber manufacturing poses significant risks to worker health, safety, and productivity. This study explores these challenges via an integrated approach that combines task-based and group noise measurements as required by Directive 2003/10/EC, noise mapping, real-time monitoring, and worker feedback. Noise levels were found to range from 81 to 89 dB(A) across worker groups, wi

[Free Full Text from Publisher](#)

[4](#) Citations

[51](#) References

[Related records](#)

Use in Web of Science

5

Last 180 Days

13

Since 2013

7. [Digital technologies in nursing: An umbrella review](#)

[Schlicht, L](#); [Wendsche, J](#); (...); [Rosler, U](#)

Jan 2025

[INTERNATIONAL JOURNAL OF NURSING STUDIES](#)

161

Background: Digital technologies promise to reduce nurses' workload and increase quality of care. However, considering the plethora of single and review studies published to date, maintaining a comprehensive overview of digital technologies' impact on nursing and effectively utilizing available evidence is challenging.

Objective: This review aims (i) to map published reviews on digital nursing

[Free Full Text From Publisher](#)

[4](#) Citations

[256](#) References

[Related records](#)

Use in Web of Science

7

Last 180 Days

28

Since 2013

8. [Factors influencing safety behaviours of construction tradesmen](#)

[Afuye, OO](#); [Oladimeji, O](#); (...); [Haddad, AN](#)

Mar 12 2025

[INTERNATIONAL JOURNAL OF CONSTRUCTION MANAGEMENT](#)

25 (4) , pp.375-384

The Occupational Safety and Health Administration (OSHA) observed that 90% of fatalities arise from the familiar 'fatal four'- falls, electrocutions, stuck-bys and caught -in between. American Industrial Hygiene Association (AIHA) also fingered other four hazards due to exposures on construction jobs not paid attention to yet far more construction workers suffer chronic injuries or illness. The

[Free Full Text From Publisher](#)

[4](#) Citations

[58](#) References

[Related records](#)

Use in Web of Science

7

Last 180 Days

28

Since 2013

9. [Association Between Shift Working and Brain Morphometric Changes in Workers: A Voxel-wise Comparison](#)

[Choi, JY](#); [Kim, S](#); (...); [Lee, W](#)

Jun 2025

[SAFETY AND HEALTH AT WORK](#)

16 (2) , pp.236-242

Objective: There is abundant evidence from observational studies linking various health problems to shift work, but there is a lack of brain-based neurological evidence. Therefore, we examined morphometric changes on brain magnetic resonance imaging (MRI) between shift and non-shift workers. Methods: A total 111 healthy workers participated in this study and underwent brain MRI, with the analys

[Free Full Text from Publisher](#)

[3 Citations](#)

[39 References](#)

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

10. [Work Exposome and Related Disorders of Firefighters: An Overview of Systematized Reviews](#)

[Descatha, A](#); [Dousseau, H](#); (...); [Fadel, M](#)

Jun 2025

[SAFETY AND HEALTH AT WORK](#)

16 (2) , pp.145-155

Introduction: Firefighters experience many exposures associated with negative health outcomes. Because of this, there are many studies on the subject. Our objective here was to conduct an umbrella review of systematized reviews to identify firefighting activities and related exposures associated with negative health outcomes. Methods: A comprehensive search of the PubMed, Web of Science, and Sc

[Free Full Text from Publisher](#)

[3 Citations](#)

[69 References](#)

[Related records](#)

Use in Web of Science

6

Last 180 Days

6

Since 2013

11. [Data-Driven Analysis of Construction Safety Dynamics: Regulatory Frameworks, Evolutionary Patterns, and Technological Innovations](#)

[Olimat, H](#); [Alwashah, Z](#); (...); [Liu, HX](#)

May 16 2025

[BUILDINGS](#)

15 (10)

Construction remains one of the most hazardous industries, consistently reporting high rates of workplace injuries and fatalities. Despite advancements in safety regulations and technologies, significant risks persist due to hazardous tasks, including working at heights, operating heavy machinery, and exposure to harmful materials. The establishment of the Occupational Safety and Health Adminis

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

[3 Citations](#)

[118 References](#)

[Related records](#)

Use in Web of Science

12

Last 180 Days

12

Since 2013

12. [Algorithmic management and occupational health: A comparative case study of organizational practices in logistics](#)

[Nilsson, KH](#); [Matilla-Santander, N](#); (...); [Håkansta, C](#)

Jul 2025

[SAFETY SCIENCE](#)

187

Algorithmic Management (AM), which refers to technologies that use algorithms to oversee and direct workers, is increasingly being introduced across various sectors and workplaces. While previous research has focused on AM's impact on job quality in platform work, its effects on worker well-being in non-platform workplaces remain underexplored. This study seeks to deepen our understanding of th

[Free Full Text From Publisher](#)

[3 Citations](#)

[91 References](#)

[Related records](#)

Use in Web of Science

11

Last 180 Days

13

Since 2013

13. [The single machine scheduling problem with bio-mathematical fatigue constraints](#)

[Wang, ZT](#); [Deng, TH](#); (...); [Guo, H](#)

Aug 3 2025

[INTERNATIONAL JOURNAL OF PRODUCTION RESEARCH](#)

63 (15) , pp.5649-5670

Despite the adverse impacts of occupational fatigue such as accidents and injuries in the manufacturing industry, it has not been systematically examined in the literature on production scheduling. In this paper, we integrate the classic bio-mathematical fatigue prediction model from the brain science literature into the simple single machine scheduling problem with sequence-dependent setup time

[View full text](#)

[3 Citations](#)

[45 References](#)

[Related records](#)

Use in Web of Science

19

Last 180 Days

29

Since 2013

14. [Furthering decent work by expanding the role of occupational safety and health](#)

[Schulte, PA](#); [Pot, FD](#); (...); [Violante, FS](#)

Feb 2025

[WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION](#)

80 (2) , pp.680-690

BACKGROUND: The International Labour Organization (ILO) and the United Nations (UN) have promoted the concept of decent work as a Sustainable Development Goal for 2030 to address critical global problems. Occupational safety and health (OSH) are components of decent work, primarily through the ILO social protection objective of the goal, and are linked to various other objectives.OBJECTIVE: Thi

[View full text](#)

[3 Citations](#)

[76](#) References

[Related records](#)

Use in Web of Science

4

Last 180 Days

9

Since 2013

15. [The SAM-Krom biomonitoring study shows occupational exposure to hexavalent chromium and increased genotoxicity in Denmark](#)

[Saber, AT](#); [Levin, M](#); (...); [Vogel, U](#)

Mar 2025

[INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH](#)

264

Background: Hexavalent chromium (Cr(VI)) is a carcinogen. Exposure to Cr(VI) may occur in different industrial processes such as chrome plating and stainless steel welding. The aim of this study was to assess occupational exposure to Cr(VI) in Denmark. Methods: This cross-sectional study included 28 workers and 8 apprentices with potential Cr(VI) exposure and 24 within company controls, all rec

[Free Full Text From Publisher](#)

[3](#) Citations

[43](#) References

[Related records](#)

Use in Web of Science

2

Last 180 Days

3

Since 2013

16. [Hazardous exposures and engineering controls in the landscaping services industry](#)

[Alexander, BM](#); [Graydon, PS](#); (...); [Beamer, BR](#)

Mar 4 2025

[JOURNAL OF OCCUPATIONAL AND ENVIRONMENTAL HYGIENE](#)

22 (3) , pp.189-202

Landscapers are exposed to noise, carbon monoxide (CO), respirable dust, and respirable crystalline silica (RCS) generated from the tools they use. Although engineering controls are available to reduce these exposures, no previous study has evaluated chronic exposures to landscapers in different work settings and compared exposures from landscaping tools with and without engineering controls. T

[Full Text at Publisher](#)

[3](#) Citations

[35](#) References

[Related records](#)

Use in Web of Science

4

Last 180 Days

7

Since 2013

17. [Caring for the Caregiver: Work Mistreatment and Well-Being Among Early Childhood Education Staff in Colorado](#)

[Hagan-Haynes, K](#); [Mccarthy, V](#); (...); [Farewell, C](#)

Apr 2025

[EARLY CHILDHOOD EDUCATION JOURNAL](#)

53 (4) , pp.1095-1105

Experiences of workplace mistreatment are associated with poor physical and mental health outcomes. Workplace mistreatment among early childhood education workers is underexplored in the United States. The National Institute for Occupational Safety and Health's Worker Well-Being Questionnaire was used to assess the extent and types of workplace mistreatment among 332 early childhood education s

[Full Text at Publisher](#) [Free Submitted Article From Repository](#)

[3](#) Citations

[69](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

6

Since 2013

18. [Structural and Quantitative Analysis of Polyfluoroalkyl Substances \(PFASs\) and Para-Phenylenediamines \(PPDs\) by Direct Analysis in Real Time Ion Mobility Mass Spectrometry \(DART-IM-MS\)](#)

[Bochenek, C](#); [Edwards, J](#); (...); [Wesdemiotis, C](#)

Jun 30 2025

[MOLECULES](#)

30 (13)

Polyfluoroalkyl substances (PFASs) and para-phenylenediamines (PPDs) are emerging classes of anthropogenic contaminants that are environmentally persistent (most often found in ground and surface water sources), bioaccumulative, and harmful to human health. These chemicals are currently regulated in the US by the

Environmental Protection Agency (EPA), the Food and Drug Administration (FDA), and

[Free Full Text from Publisher](#)

[2](#) Citations

[52](#) References

[Related records](#)

Use in Web of Science

3

Last 180 Days

3

Since 2013

19. [Noise-Induced Hearing Loss in Orthopaedic Surgery: A Review Article](#)

[Gilreath, N](#); [Galambas, A](#); (...); [Cohen, E](#)

Jun 2025

[JOURNAL OF ARTHROPLASTY](#)

40 (6) , pp.1636-1642

There are many sources of noise production in the operating room, including conversations among the surgical team, background music, electric monitors and alarms, surgical power tools, surgical instrument clattering and hammering, and suction devices. These sources introduce occupational hazards by producing damaging noise levels that exceed noise exposure level guidelines set by the National I

[Full Text at Publisher](#)

[2](#) Citations

[44](#) References

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

20. [Integrating 3D photogrammetry and game engine for construction safety training](#)

[Zaman, AAU](#); [Abdelaty, A](#); (...); [Marzouk, M](#)

Apr 2025 (Early Access)

[BUILT ENVIRONMENT PROJECT AND ASSET MANAGEMENT](#)

PurposeDespite ongoing safety efforts, construction sites remain some of the most hazardous workplaces. This study introduces an innovative occupational safety and health administration (OSHA) training approach by creating a realistic virtual

construction environment using unmanned aerial vehicle (UAV) imagery and a game engine. Integrating OSHA regulations makes safety instructions more effect

[Full Text at Publisher](#)

[2](#) Citations

[59](#) References

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

WoS CC_„occupational safety and health” _All countries_2025

Poniżej informacja o artykułach - 20 pierwszych w wynikach, które otrzymały jedno cytowanie, dla wszystkich afiliacji (All countries), w tym publikacje Early Access (bez zakończonego procesu wydawniczego).
Publikacje uzyskały 1 cytowanie

Data dostępu do danych: 24.10.2025.

Matadane i abstrakty pochodzą z bazy WoS CC.

1.[Advanced Risk Assessment in Coal Mines: Integrating Fuzzy Logic and Linguistic Variables for Enhanced Hazard Management](#)

[Nevskaya, EE](#); [Guskov, MA](#) and [Samylovskaya, EE](#)

Dec 2025

[INTERNATIONAL JOURNAL OF ENGINEERING](#) 38 (12) , pp.2854-2864

Due to the numerous human casualties and major industrial accidents occurring annually, the issues of occupational safety and health of underground coal mine workers come to the forefront. This article applied an approach to the assessment of production risks based on the principles of fuzzy logic. This method makes it possible to effectively balance decisions in the field of industrial safety

[Free Full Text From Publisher](#)

[1](#) Citation

[22](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

2. Enhancing occupational safety in Construction: Predictive analytics using advanced ensemble machine learning algorithms

Shehadeh, A and Alshboul, O

Nov 15 2025

ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE 159

In the construction industry, persistent occupational injury risks demand robust predictive methodologies to identify and mitigate hazards effectively. This study leverages advanced ensemble machine learning algorithms (ML), Extreme Gradient Boosting (XGBoost), Light Gradient-Boosting Machine (LightGBM), and a Modified Decision Tree (MDT) that evaluated against a comprehensive Occupational Safe

[View full text](#)

[1](#) Citation

[51](#) References

[Related records](#)

Use in Web of Science

4

Last 180 Days

4

Since 2013

3. Occupational Hazards in Lead-acid Battery Factories in Bangladesh: Assessing Excess Heat, Noise, Chemical Exposures, and Health Impacts on Workers

Das, S; Nath, TC; (...); Adhikari, A

Sep 2025

SAFETY AND HEALTH AT WORK 16 (3) , pp.289-296

Background: Lead-acid battery (LAB) manufacturing is growing in Bangladesh because of the expanding automotive industry and low lead prices. Although these factories employ a big workforce, the working environment has led to concerns about the possible health risks for employees. This study aimed to address this issue by investigating workplace chemical and physical hazards in three LAB industr

[Free Full Text from Publisher](#)

[1](#) Citation

[26](#) References

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

[4. Enterprise Characteristics Were Associated With Adherence to a Dialog-based Inspection Practice Aimed at Improving Occupational Safety and Health in Denmark](#)

[Jakobsen, ME](#); [Kjærgaard, A](#); (...); [Ajslev, JZN](#)

Sep 2025 [SAFETY AND HEALTH AT WORK](#) 16 (3) , pp.297-302

Background: Risks in the psychosocial and ergonomic working environment can be complex and difficult for labor inspectors to uncover. In 2020, authorities implemented a dialog-based inspection practice in order to improve the working environment in all types of Danish enterprises. Methods: The study sample consisted of 3183 enterprises and stemmed from a quasi-experiment, Agreement To Problem-s

[Free Full Text from Publisher](#)

[1](#) Citation

[30](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

[5. A systematic review of occupational safety and health in modular integrated construction](#)

[Sadeghi, H](#); [Cheung, CM](#); (...); [Manu, P](#)

Sep 2025

[SAFETY SCIENCE](#) 189

The construction industry is facing increased pressure to enhance efficiency and safety, owing to its high incident rates. Modular integrated construction (MiC) has gained significant attention as a viable means of enhancing the overall performance of the industry. Despite its numerous advantages, MiC presents occupational safety and health (OSH) challenges due to its unique characteristics, li

[Free Full Text From Publisher](#)

[1](#) Citation

[179](#) References

[Related records](#)

Use in Web of Science

15

Last 180 Days

15

Since 2013

6. [Surfactant-assisted tungsten oxide for enhanced acetone sensing and solar-driven photocatalysis: exploring the role of surfactants](#)

[Patil, AP](#); [Patil, SS](#); (...); [Suryavanshi, SS](#)

Aug 1 2025

[RSC ADVANCES](#) 15 (34) , pp.27895-27907

Surfactants play a pivotal role in the kinetics of nucleation and accretion of nanoparticles in such a way that they serve as a template for the development of nanostructures, consequently influencing the morphology, dimensions, and other surface properties. Herein, we report the influence of cationic and anionic surfactants (CTAB, SDS, PVP and HMT) on the development of pristine WO₃ nanostruct

[Free Full Text from Publisher](#)

[1](#) Citation

[31](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

7. [Jim Howe \[1950-2024\] The Safety Professional Who Transformed the Field with Innovative Models for Accident Investigations, Contract Negotiations and International Standards](#)

[Dooley, P](#)

Nov 2025

[NEW SOLUTIONS-A JOURNAL OF ENVIRONMENTAL AND OCCUPATIONAL HEALTH POLICY](#)

35 (3) , pp.279-282

Jim Howe's contribution to the worker safety movement was enormous. Jim worked in a factory in Chicago, where he was the union safety representative. This was followed by a career with the United Auto Worker health and Safety department. After that, he served as president of Safety Solutions consulting. During his long career, Jim had many accomplishments including collective bargaining victori

[Full Text at Publisher](#)

[1 Citation](#)

[0 References](#)

[Use in Web of Science](#)

3

Last 180 Days

3

Since 2013

[8. Relationships between occupational stress and occupational safety and health outcomes amongst construction workers: A meta-analysis of evidence from the past twenty years](#)

[Man, SS](#); [Wang, DL](#); (...); [Chan, AHS](#)

Nov 2025

[SAFETY SCIENCE](#)

191

Occupational stress (OS), as well as occupational safety and health (OSH) outcomes, amongst construction workers has gained increasing attention in the last several years. Much research has been carried out to explore the relationships between OS and OSH outcomes. However, a study synthesising quantitatively the relationships between OS and OSH outcomes is lacking. This study systematically rev

[Full Text at Publisher](#)

[1 Citation](#)

[100 References](#)

[Related records](#)

[Use in Web of Science](#)

6

Last 180 Days

6

Since 2013

[9. Deep neural network-based probabilistic classifier of occupational accident types on a construction site in Korea](#)

[Kim, T](#); [Lee, M](#); (...); [Yoo, WS](#)

Jul 4 2025

[JOURNAL OF ASIAN ARCHITECTURE AND BUILDING ENGINEERING](#)

24 (4) , pp.2763-2772

The number of accidents in the Korean construction industry has been increasing rapidly, reaching about 25,000 every year. Although strong and binding laws and systems have been implemented to reduce accidents in the construction industry, the frequency of accidents is still higher than that of other industries. While existing studies have provided models for predicting occupational accidents,

[Free Full Text from Publisher](#)

[1 Citation](#)

[32 References](#)

[Related records](#)

DANE NIE SĄ DOSTĘPNE: 24.10.2025

10. [A vision-based approach to assessing worker ergonomics in low-light construction environments](#)

[Chen, XY](#); [Yu, YT](#) and [Li, ZR](#)

Jul 2025

[ADVANCED ENGINEERING INFORMATICS](#) 66

Ergonomic risk assessments have been increasingly adopted in construction projects to protect worker health, prevent accidents, and organize production schedules. Vision-based ergonomic risk assessment methods are widely applied in construction scenarios due to their cost-effectiveness and non-invasive. On low-light construction sites, such as tunnels and nighttime road construction, the risk o

[Full Text at Publisher](#)

[1 Citation](#)

[71 References](#)

[Related records](#)

Use in Web of Science

13

Last 180 Days

13

Since 2013

11. [Bridging the mercury exposure threshold: Development and application of whole-cell biosensors incorporating biotransformation pathways](#)

[Liu, XY](#); [Guo, Y](#); (...); [Hui, CY](#)

Jun 15 2025

[ENVIRONMENTAL RESEARCH](#) 275

Mercury is a toxic heavy metal prevalent in the environment, requiring sensitive and comprehensive detection methods to protect public health. Our study introduces transformative whole-cell biosensors with MerA and MerB biotransformation modules in Escherichia coli, enhancing the biosensors' capacity for high-sensitivity detection across a wide range of inorganic and organic mercury (Hg) concen

[Full Text at Publisher](#)

[1 Citation](#)

[37 References](#)

[Related records](#)

Use in Web of Science

3

Last 180 Days

6

Since 2013

12. What Activity is the Most Dangerous to Work in? Estimation of the Risk Level of Economic Activities in Ecuador

[Gómez-García, AR](#); [Gutierrez-Alvarez, R](#); (...); [García-Arroyo, JA](#)

Jun 2025

[SAFETY AND HEALTH AT WORK](#)

16 (2) , pp.172-179

Background: Classifying economic activities into risk levels is an occupational health and safety practice that several countries worldwide observe. It allows government agencies to formulate public policies with occupational risk prevention requirements tailored to each activity's needs. Further, this level of risk directly influences companies' contributions to occupational risk insurers, whe

[Free Full Text from Publisher](#)

[1 Citation](#)

[56 References](#)

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

13. Moderating Effect of Psychosocial Safety Climate on the Association of Job Demands and Job Resources With Psychological Distress Among Japanese Employees: A Cross-sectional Study

[Inoue, A](#); [Eguchi, H](#); (...); [Tsutsumi, A](#)

Jun 2025

[SAFETY AND HEALTH AT WORK](#) 16 (2) , pp.213-219

Background: We examined the moderating (buffering or amplifying) effect of psychosocial safety climate (PSC) on the association of job demands (psychological demands) and job resources (job control, supervisor support, coworker support, and extrinsic reward) with psychological distress among Japanese employees. Methods: A self-report web-based questionnaire was administered to 2,200 employees (

[Free Full Text from Publisher](#)

[1 Citation](#)

[43 References](#)

[Related records](#)

Use in Web of Science

6

Last 180 Days

6

Since 2013

[14. Nonauditory Impacts of Industrial Noise Exposures: A Case Study From a Steel Manufacturing Industry](#)

[Sakthivel, R](#); [Kamalakaran, LP](#); (...); [Venugopal, V](#)

Jun 2025

[SAFETY AND HEALTH AT WORK](#) 16 (2) , pp.243-248

Background: Excessive workplace noise poses a significant threat to occupational health, impacting both auditory and nonauditory health. This research examined the nonauditory effects of noise on steel workers. Methods: A cross-sectional study of 80 industrial workers exposed to occupational noise was conducted with approval from the institutional ethics board and management. Nonauditory impact

[Free Full Text from Publisher](#)

[1 Citation](#)

[37 References](#)

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

[15. A bibliometric study on technology usage for occupational safety and health risk assessment in construction industry](#)

[Su, XS](#); [Chau, KY](#); (...); [Tang, YM](#)

May 2025 (Early Access)

[JOURNAL OF ASIAN ARCHITECTURE AND BUILDING ENGINEERING](#)

The recent research efforts in the use of visual imaging techniques such as artificial intelligence (AI), virtual reality (VR), and the Internet of Things (IoT) provide the opportunity to enhance risk assessment methods. However, our understanding of enabling technologies to enhance construction occupational safety and health is still insufficient. This paper uses bibliometric approaches to com

[Free Full Text from Publisher](#)

[1 Citation](#)

[74 References](#)

[Related records](#)

Use in Web of Science

17

Last 180 Days

17

Since 2013

16. [Noise-Induced Hearing Loss in Orthopaedic Surgery: A Review Article](#)

[Gilreath, N](#); [Galambas, A](#); (...); [Cohen, E](#)

Jun 2025

[JOURNAL OF ARTHROPLASTY](#) 40 (6) , pp.1636-1642

There are many sources of noise production in the operating room, including conversations among the surgical team, background music, electric monitors and alarms, surgical power tools, surgical instrument clattering and hammering, and suction devices. These sources introduce occupational hazards by producing damaging noise levels that exceed noise exposure level guidelines set by the National I

[Full Text at Publisher](#)

[1 Citation](#)

[44 References](#)

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

17. [Industrial Robotics and the Future of Work](#)

[Howard, J](#); [Murashov, V](#); (...); [Srinivasan, D](#)

Jul 2025

[AMERICAN JOURNAL OF INDUSTRIAL MEDICINE](#) 68 (7) , pp.559-572

Starting in the 1970s with robots that were physically isolated from contact with their human co-workers, robots now collaborate with human workers towards a common task goal in a shared workspace. This type of robotic device represents a new era of workplace automation. Industrial robotics is rapidly evolving due to advances in sensor technology, artificial intelligence (AI), wireless communic

[Free Full Text From Publisher](#)

[1 Citation](#)

[180 References](#)

[Related records](#)

Use in Web of Science

13

Last 180 Days

13

Since 2013

[18. A Quantitative Analysis of Work System Factors and Well-Being Among Nurses and Physicians in Rural and Urban Settings During Covid-19 Pandemic](#)

[Mazur, LM](#); [Lee, N](#); (...); [Adapa, K](#)

Sep 2025

[WORKPLACE HEALTH & SAFETY](#) 73 (9) , pp.440-453

Background: The aim of this study was to assess work system factors and nurse and physician well-being across professionals (nurse vs. physician) and geographic locations (rural vs. urban) during COVID-19 pandemic. **Methods:** This study invited nurses and physicians within four hospitals from one large healthcare system to participate: one urban academic medical center and three rural hospitals. W

[Free Full Text From Publisher](#)

[1](#) Citation

[68](#) References

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

[19. A comparison of fit, heat stress, oxygen saturation and comfort between a novel reusable mask and disposable N95 respirator](#)

[Strickling, M](#); [Zarif, N](#); (...); [Wang, Y](#)

Apr 16 2025

[PLOS ONE](#) 20 (4)

The effectiveness of face masks in infection prevention depends not only on filtration technology but also on user compliance. However, existing masks suffer from limitations impacting comfort, ease of use, and communication, leading to reduced compliance, especially during prolonged use in healthcare settings. Innovations in mask design are needed to address these issues to ensure effective pr

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

[1 Citation](#)

[32 References](#)

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

20. [OSHA Injury Data: An Opportunity for Improving Work Injury Prevention](#)

[Michaels, D](#) and [Wagner, GR](#)

Apr 2025

[AMERICAN JOURNAL OF PUBLIC HEALTH](#) 115 (4) , pp.588-595

Millions of US workers are seriously injured on the job annually. These injuries have a significant and deleterious impact on injured workers, their families, and their communities. The limitations of the historical work injury surveillance systems have constrained research into the distribution and determinants of work injuries and efforts to improve allocation of limited injury prevention res

[Full Text at Publisher Free Submitted Article From Repository View Full Text on ProQuest](#)

[1 Citation](#)

[50 References](#)

[Related records](#)

Use in Web of Science

0

Last 180 Days

1

Since 2013

Poniżej informacja o artykułach - 20 pierwszych w wynikach, które nie zostały zacytowane, dla wszystkich afiliacji (All countries), w tym publikacje Early Access (bez zakończonego procesu wydawniczego)

Data dostępu do danych: 24.10.2025.

Matadane i abstrakty pochodzą z bazy WoS CC.

1. [Evaluating the Functionality and Accessibility of TL Sharps Bin among Experienced Dental Surgeons and Medical Practitioners: A Cross-Sectional Study](#)

[Shiow, YY](#); [Liszen, T](#); (...); [Ghazali, FMM](#)

2026

[PESQUISA BRASILEIRA EM ODONTOPEDIATRIA E CLINICA INTEGRADA](#) 26

Objective: To present the TL Sharps Bin, a newly developed device designed to enhance safety and functionality in healthcare settings, and to evaluate its performance and usability among healthcare professionals.

Material and Methods: A total of 82 participants, comprising 40 dental surgeons and 42 medical doctors, were selected using random sampling. Following a demonstration and hands-o

[View full text](#)

[30](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

[2. Collaboration, coordination, and cooperation in occupational health and safety management: perspectives of managers, human resource practitioners, and occupational health and safety representatives](#)

[Reineholm, C](#); [Lundqvist, D](#) and [Ståhl, C](#)

Dec 31 2025

[INTERNATIONAL JOURNAL OF QUALITATIVE STUDIES ON HEALTH AND WELL-BEING](#) 20 (1)

PurposeTo increase knowledge about organizations' OHSM, a specific focus should be placed on how managers, HR practitioners, and OHS representatives conduct OHSM.**Methods**A content analysis was carried out based on semi-structured interviews with 18 managers, 6 HR practitioners, and 5 OHS representatives in different industries and occupations.**Results**All three roles had several OHS assignments. M

[Free Full Text from Publisher](#)

[42](#) References

[Related records](#)

Use in Web of Science

3

Last 180 Days

3

Since 2013

[3. A synthetic data-enhanced method for automated 3D pose recognition of construction workers](#)

[Fu, YL](#); [Lu, WS](#); (...); [Fang, YH](#)

Dec 15 2025

EXPERT SYSTEMS WITH APPLICATIONS

294

Automated 3D pose recognition of construction workers is instrumental to analyzing their occupational safety and health, productivity and other jobsite behaviors. Existing studies in this field have been confined to highquality training datasets collected from real-life construction jobsites, potentially triggering ethical, privacy, and cost concerns. Inspired by the success of synthetic data i

[Full Text at Publisher](#)

[55](#) References

[Related records](#)

Use in Web of Science

2

Last 180 Days

2

Since 2013

4.Number of side jobs and self-reported occupational injuries or diseases risk among young workers: a cross-sectional study in Japan

[Mori, T](#); [Nagata, T](#); (...); [Mori, K](#)

Dec 2025

SAFETY SCIENCE 192

As side jobs become increasingly common worldwide, concerns are growing about their potential impacts on occupational safety and health. However, few studies have examined the association between engaging in side jobs and occupational injuries or diseases in the main job, the number of side jobs, or how this association differs across age groups, particularly among younger workers. We conducted

[Full Text at Publisher](#)

[45](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

5.Multimodal data fusion for ergonomic assessment of construction workers in visually obstructed environments

[Chen, XY](#); [Yu, YT](#); (...); [Hu, ZZ](#)

Nov 2025

[AUTOMATION IN CONSTRUCTION](#) 179

Work-related musculoskeletal disorders are the leading cause of nonfatal injuries in the construction industry. Ergonomic assessment methods can effectively prevent these disorders. Vision-based ergonomic risk assessment methods are widely applied in construction sites due to their cost-effectiveness and non-invasiveness. However, existing vision-based methods often face challenges in accurate

[Full Text at Publisher](#)

[68](#) References

[Related records](#)

Use in Web of Science

3

Last 180 Days

3

Since 2013

6. [Social trust and workplace safety](#)

[Chen, XY](#) and [Tong, JR](#)

Nov 2025

[FINANCE RESEARCH LETTERS](#) 85

This paper investigates the impact of social trust on workplace safety. Using the establishment-level data compiled by Occupational Safety and Health Administration (OSHA), we find a negative relation between social trust and workplace injury rates. Our results are robust to removing the influence of regional factors, employing an entropy-balanced sample, and adopting various model specification

[Full Text at Publisher](#)

[37](#) References

[Related records](#)

Use in Web of Science

6

Last 180 Days

6

Since 2013

7. [Quantitative evaluation of attention during sustained heat exposure: An fNIRS study](#)

[Zhu, H](#); [Wang, YC](#); (...); [Hu, ST](#)

Nov 1 2025

[BUILDING AND ENVIRONMENT](#) 285

With the intensification of global warming, extreme heat events such as heatwaves are becoming more frequent and severe, posing significant risks to

the occupational safety and health of workers, particularly mental-demanding workers. Attentional decline during heat exposure is a major contributor to these risks. However, most prior studies on attention under sustained heat exposure have large

[Full Text at Publisher](#)

[79](#)

References

[Related records](#)

Use in Web of Science

9

Last 180 Days

9

Since 2013

8.A Systematic Review of Mental States and Safety Performance of Construction Workers

[Zhou, H](#); [Chan, APC](#); (...); [Yi, W](#)

Oct 1 2025

[JOURNAL OF CONSTRUCTION ENGINEERING AND MANAGEMENT](#)

151 (10)

The mental states of construction workers are recognized as having a significant impact on their safety performance, which has attracted the attention of researchers and practitioners. However, existing studies on the mental states of construction workers are fragmented and lack a comprehensive understanding of the key concepts and paths that affect workers' safety performance. This paper syste

[Full Text at Publisher](#)

[168](#) References

[Related records](#)

Use in Web of Science

11

Last 180 Days

11

Since 2013

9.On-farm observations of socioenvironmental impacts of *Humulus lupulus* L. cultivation in Brazil

[Viriato, V](#); [Rodrigues, GS](#); (...); [Bonfim, FPG](#)

Sep 28 2025

[AGRONOMY JOURNAL](#) 117 (5)

Hops (*Humulus lupulus* L.) have been cultivated in Brazil, the world's third-largest beer producer, to meet the growing demand of its expanding brewing industry. Despite advances in agricultural practices, research on the sustainability of tropicalizing hop production remains limited. This study evaluates the social and environmental impacts of hop production in 10 reference farms across the Bra

[Free Full Text From Publisher](#)

[41](#) References

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

10. [Safety culture maturity models in occupational safety and health: An updated scoping review](#)

[Curti, S](#); [Gallo, M](#); (...); [De Merich, D](#)

Dec 2025

[SAFETY SCIENCE](#) 192

[Free Full Text From Publisher](#)

[44](#) References

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

11. [Do Occupational Safety and Health Direct Investment Policies Affect Firm Survival?](#)

[Marrocco, A](#); [Castaldo, A](#) and [Forti, M](#)

Sep 2025 (Early Access)

[ITALIAN ECONOMIC JOURNAL](#)

Using a unique dataset provided by the Italian National Institute for Insurance against Accidents at Work (Inail), this study investigates whether Inail's 2013 initiative—designed to promote fixed investments in safer assets—has an indirect impact on firm survival. By subsidizing investments aimed at replacing outdated machinery or automating manual processes, the policy plausibly fosters proce

[Free Full Text From Publisher](#)

[61](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

12. [Digital applications in occupational healthcare. A literature overview](#)

[Holzgräwe-Eichmann, J](#); [Suraj, S](#); (...); [Mache, S](#)

Sep 2025 (Early Access)

[ZENTRALBLATT FUR ARBEITSMEDIZIN ARBEITSSCHUTZ UND ERGONOMIE](#)

Background. Digital services can be a perspective in occupational healthcare to avoid potential underuse; however, there is no overview of digital applications already in use in occupational medicine. The aim of this article is to record digital applications in selected areas of occupational medical care and to provide an overview of the current state of research on their use.

Method. The

[Free Full Text From Publisher](#)

[52](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

13. [Exploring a Multimodal Conversational Agent for Construction Site Safety: A Low-Code Approach to Hazard Detection and Compliance Assessment](#)

[de Marco, G](#); [Niederwieser, E](#) and [Siegele, D](#)

Sep 16 2025

[BUILDINGS](#) 15 (18)

This paper discusses the viability of using a low-code multimodal large language model agent with computer vision functionality to support occupational safety and health evaluations on construction sites. The central hypothesis aims to verify that these systems can provide reliable answers, as evaluated against a ground truth review, including the identification of high-risk dangers. A conversa

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

[49](#) References

[Related records](#)

Use in Web of Science

0

Last 180 Days

0

Since 2013

14. Development and Application of Standard Codes for the National Exposure Surveillance System Utilizing Korea's Nationwide Exposure Database

Choi, S; Park, JH; (...); Seo, H

Sep 2025

SAFETY AND HEALTH AT WORK

16 (3) , pp.361-370

Background: The Work Environment Measurement Database (WEMD) is a valuable system for occupational exposure surveillance. However, its use is limited due to the lack of proper standardization of exposure-related variables. Hence, we developed a new standard process classification (SPC), standard occupation classification (SOC), and exposure condition category (ECOC) codes to establish an exposu

Free Full Text from Publisher

23 References

Related records

Use in Web of Science

0

Last 180 Days

0

Since 2013

15. Ineffectiveness of Water Mist Spray to the Upper Body of Healthy Adults in Suppressing Core Temperature Under Windless Environment

Fukuzawa, K; Mori, K; (...); Horie, S

Sep 2025

SAFETY AND HEALTH AT WORK 16 (3) , pp.341-348

Background: Global warming has increased heat-related illness concerns. Water misting is used for workplace cooling, but its effect on core body temperature is unclear. **Methods:** We examined whether spraying water mist on the upper body suppresses the increase in core body temperature in hot and humid environments. Nine healthy adult men exercised for 60 min on a bicycle ergometer at four metabo

Free Full Text from Publisher

25 References

Related records

Use in Web of Science

0

Last 180 Days

0

Since 2013

16. Literature Review on Construction Safety Resilience: A Bibliometric Analysis to Map the State of the Art

[Hu, Z](#); [Li, SY](#); (...); [Li, SY](#)

Sep 2025

[SAFETY AND HEALTH AT WORK](#) 16 (3) , pp.259-267

Background: This study provides a comprehensive overview of the research progress on construction safety resilience and sets up a three-subdimension concept framework (structural resilience, psychological resilience, and managerial resilience) with the theory of engineering resilience. Methods: With a three-step review method based on document metrics analysis and scientific measurements, this

[Free Full Text from Publisher](#)

[85](#) References

[Related records](#)

Use in Web of Science

7

Last 180 Days

7

Since 2013

17. Quantitative Analysis of the Factors that Influence Welding Fume Exposure via ART Modelling

[Jiang, W](#); [Xu, Y](#); (...); [Ma, SX](#)

Sep 2025

[SAFETY AND HEALTH AT WORK](#) 16 (3) , pp.317-324

Background: Welding fumes from industrial operations pose serious health risks. This study aimed to investigate the factors driving changes in welding fume exposure by analyzing key factors using the Advanced REACH Tool (ART) for dust exposure assessment in building materials enterprises. Methods: The dust exposure of 18 building materials enterprises was compared using ART model as-sessm

[Free Full Text from Publisher](#)

[30](#)

References

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

18. Risk for Diabetes From Long Working Hours and Night Work in the United States: Prospective Associations and Machine Learning Techniques

Keller, E; Chen, LW; (...); Li, J

Sep 2025

SAFETY AND HEALTH AT WORK 16 (3) , pp.355-360

Background: Diabetes contributes significantly to death in the U.S., with many working-age individuals affected. This research determined the independent and joint associations of long working hours and night work with diabetes risk in U.S. workers, and their contribution to risk prediction. Methods: This prospective study included 1,454 workers from the Midlife in the United States (MIDUS) stu

[Free Full Text from Publisher](#)

[37 References](#)

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

19. Development of Korean CARcinogen EXposure: IARC Group 2A Carcinogens

Koh, DH; Choi, S; (...); Park, DU

Sep 2025

SAFETY AND HEALTH AT WORK 16 (3) , pp.303-309

Backgrounds: Reliable exposure data are critical for occupational cancer prevention and epidemiological studies. We developed the Korean CARcinogen EXposure (K-CAREX) to provide exposure prevalence and intensity for 20 carcinogens classified as Group 1 by the International Agency for Research on Cancer (IARC). This study extends K-CAREX to include IARC Group 2A agents. Methods: National data so

[Free Full Text from Publisher](#)

[32 References](#)

[Related records](#)

Use in Web of Science

1

Last 180 Days

1

Since 2013

20. Measuring Potential of a Candidate for a Job in the Light of Psychotechnical Tests and the Use of Selected Methods of Multivariate Analysis

Korban, Z and **Taraszkiewicz-Lyda, M**

Sep 2025

SAFETY AND HEALTH AT WORK 16 (3) , pp.281-288

Background: The article presents a way to use the so-called "raw" results of psychotechnical tests in the process of broadly understood personnel policy. Based on the "raw" results of psychotechnical tests, the authors performed the so-called synthetic/aggregate assessments. From a computational perspective, the study employed: a popular multiattribute decision making (MADM) method- the Developm

Free Full Text from Publisher

33 References

Related records

Use in Web of Science

0

Last 180 Days

0

Since 2013

Zapytanie wyszukiwawcze w Scopus: ergonomics **2025 All countries**

Uzyskane wyniki wyszukiwań na poszczególne zapytania wyszukiwawcze. W uzyskanych wynikach przeważają artykuły (Articles) i publikacje przeglądowe (Reviews) opublikowane w 2025.

Pola wyszukiwawcze używane do zestawienia: Title, abstract, keywords=ergonomics, Afiliacja: All countries/Poland.

Każda z baz Web of Science CC i Scopus indeksuje inną liczbę czasopism , w tym dokumentów, zatem za każdym razem uzyskiwane wyniki będą się różniły.

W poniższym zestawieniu na wszystkie pytania uzyskiwano wyższe wskazania w bazie Scopus.

Dla każdego wyniku zaprezentowano 20 publikacji (w przypadku uzyskania w wynikach wskazań poniżej 20, zamieszczono informacje o wszystkich, które znalazły się w pierwszej kolejności na liście wyników).

Zaprezentowane w zestawieniu publikacje:

- z najwyższymi wskaźnikami cytowań,
- z jednym cytowaniem
- bez cytowań.

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

(stan na: 24.10.2025.)

wyniki = 410 publikacji, 102 uzyskało przynajmniej jedno cytowanie, 201 zindeksowano jako All Open Access

Data dostępu do danych: 24.10.2025.

TITLE-ABS-KEY ("occupational safety and health") AND PUBYEAR = 2025

410 documents found

Article 308, Review 37, Conference paper 32, Book chapter 15, Editorial 9, Note 6, Conference review 1, Data paper, 1, Erratum 1

Poniżej informacja o artykułach - 20 pierwszych w wynikach, które nie zostały zacytowane, dla wszystkich afiliacji (All countries):

Article

1.A framework to integrate virtual reality into international standard safety trainings

Engineering Construction and Architectural Management, 32(4), pp. 2320–2341 2025

Citations 13

☐ 1		Article			
		A framework to integrate virtual reality into international standard safety trainings	Abotaleb, I.S. , Elhakim, Y. , El Rifaee, M. , ... Sorour, A. , Soliman, M.	Engineering Construction and Architectural Management , 32(4), pp. 2320–2341	2025 13

Widok rekordu:

A framework to integrate virtual reality into international standard safety trainings

13 99th percentile
Citations

12.60
FWCI

Engineering, Construction and Architectural Management • Article • 2025 • DOI: 10.1108/ECAM-09-2023-0969
Abotaleb, Ibrahim S. ^a ; Elhakim, Yasmin ^a ; El Rifaee, Mohamed ^a ; Bader, Sahar ^a ; Hosny, Osama ^a ; +5 authors

^aDepartment of Construction Engineering, The American University in Cairo, Cairo, Egypt

[Show all information](#)

[Full text](#)  [Export](#)  [Save to list](#) 

[Document](#) [Impact](#) [Cited by \(13\)](#) [References \(68\)](#) [Similar documents](#)

Abstract

Purpose: The objective of this research is to propose an immersive framework that integrates virtual reality (VR) technology with directives international safety training certification bodies to enhance construction safety training, which eventually leads to safer construction sites. **Design/methodology/approach:** The adopted methodology combines expert insights and experimentation to maximize the effectiveness of construction safety training. The first step was identifying key considerations for VR models such as motion sickness prevention and adult learning theories. The second step was developing a game-like VR model for safety training, with multiple hazards and scenarios based on the considerations of the previous step. After that, safety experts evaluated the model and provided valuable feedback on its alignment with international safety training practices. Finally, the developed model is tested by senior students, where the testing format followed the Institution of Occupational Safety and Health (IOSH) working safely exam structure. **Findings:** An advanced immersive VR safety training model was developed based on extensive lessons learned from the literature, previous work and psychology-informed adult learning theories. Model testing – through focus groups and hands-on experimentation – demonstrated significant benefit of VR in upgrading and complementing traditional training methods. **Originality/value:** The findings presented in this paper make a significant contribution to the field of safety training within the construction industry and the broader context of immersive learning experiences. It also fosters further exploration into immersive learning experiences across educational and professional contexts. © 2023, Emerald Publishing Limited.

Abstract

[Author keywords](#)
[Indexed keywords](#)
[Funding details](#)
[Corresponding authors](#)

Author keywords

IOSH; NEBOSH; OSHA; Virtual reality

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

A framework to integrate virtual reality into international standard safety trainings

Citation Data: Engineering, Construction and Architectural Management, ISSN: 0969-9988, Vol: 32, Issue: 4, Page: 2320-2341
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		See all news 	
Citation Indexes	13	Reports from American University Cairo Highlight Recent Findings in Motion Sickness (A Framework To Integrate Virtual Reality Into International Standard Safety Trainings)	
Scopus 	13	24 stycznia 2024 Disease Prevention Daily 	
CrossRef	5	2024 JAN 24 (NewsRx) -- By a News Reporter-Staff News Editor at Disease Prevention Daily -- Investigators discuss new findings in Motion Sickness. According to	
USAGE			
Abstract Views	13		
Digital Commons 	13		
CAPTURES			
Readers	62		
Mendeley 	62		
MENTIONS			
News Mentions	1		
News	1		

Article • Open access

2.The Psychosocial Hierarchy of Controls: Effectively Reducing Psychosocial Hazards at Work

American Journal of Industrial Medicine, 68(3), pp. 250–263 2025

Citations 8

Article • Open access

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

The Psychosocial Hierarchy of Controls: Effectively Reducing Psychosocial Hazards at Work

Citation Data: American Journal of Industrial Medicine, ISSN: 1097-0274, Vol: 68, Issue: 3, Page: 250-263
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		Rethinking the hierarchy of controls: A comprehensive framework for modern workplace hazards	
Citation Indexes	8	2 lipca 2025 OHS Canada	
Scopus	8	As health and safety practitioners in Canada, we've long relied on the traditional hierarchy of controls (HoC) – elimination, substitution, engineering, administrative, and PPE – to guide	
CrossRef	4		
PubMed Central	2		
CAPTURES			
Readers	32		
Mendeley	32		
MENTIONS			
News Mentions	1		
News	1		

3.Highly sensitive, responsive, and selective iodine gas sensor fabricated using AgI-functionalized graphene

Nature Communications, 16(1), 1169 2025

Citations 6

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Highly sensitive, responsive, and selective iodine gas sensor fabricated using AgI-functionalized graphene

Citation Data: Nature Communications, ISSN: 2041-1723, Vol: 16, Issue: 1, Page: 1169
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		Researchers at King Abdullah University of Science and Technology (KAUST) Report Research in Science (Highly sensitive, responsive, and selective iodine gas sensor fabricated using AgI-functionalized graphene)	
Citation Indexes	5	14 lutego 2025 NewsRx Science Daily	
Scopus	5	2025 FEB 14 (NewsRx) -- By a News Reporter-Staff News Editor at NewsRx Science Daily -- Researchers detail new data in science. According to news	
CAPTURES			
Readers	10		
Mendeley	10		
MENTIONS			
News Mentions	2		
News	2		
SOCIAL MEDIA			
Shares, Likes & Comments	20		
Facebook	20		

Review • Open access

4.Research on Control Strategy Technology of Upper Limb Exoskeleton Robots: Review

Machines, 13(3), 207

2025

Citations 5

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Research on Control Strategy Technology of Upper Limb Exoskeleton Robots: Review

Citation Data: Machines, ISSN: 2075-1702, Vol: 13, Issue: 3

Publication Year: 2025

Metrics Details		Most Recent Blog	
CITATIONS		See all blogs >	
CITATION INDEXES		Machines, Vol. 13, Pages 207: Research on Control Strategy Technology of Upper Limb Exoskeleton Robots: Review	
Scopus	5	3 marca 2025 MDPI Publishing	
CrossRef	1	Machines, Vol. 13, Pages 207: Research on Control Strategy Technology of Upper Limb Exoskeleton Robots: Review Machines doi: 10.3390/machines13030207 Authors: Libing Song Chen Ju Hengrui	
CAPTURES			
Readers	18		
Mendeley	18		
MENTIONS			
Blog Mentions	1		
Blog	1		

Review • Open access

5.The Impact of Digitalization and Information and Communication Technology on the Nature and Organization of Work and the Emerging Challenges for Occupational Safety and Health

International Journal of Environmental Research and Public Health, 22(3), 362

2025

Citations 5

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

The Impact of Digitalization and Information and Communication Technology on the Nature and Organization of Work and the Emerging Challenges for Occupational Safety and Health

Citation Data: International Journal of Environmental Research and Public Health, ISSN: 1660-4601, Vol: 22, Issue: 3

Publication Year: 2025

Metrics Details		Review Description	
CITATIONS		Digitalization, driven by the widespread adoption of information and communication technology (ICT), reshapes occupational safety (OSH). This study examines emerging OSH risks linked to digitalization, assessing its benefits and challenges. Through a comprehensive literature review, key technologies influencing OSH are identified, their effects are categorized, and mitigation strategies are proposed. While ICT enhances workplace safety through improved monitoring and decision-making, it also introduces risks such as stress and information overload. The findings emphasize the need for further research on long-term impacts and effective risk management. This paper contributes to the field by highlighting ICT's positive and negative implications on OSH and underscoring the importance of responsible technology adoption. The in	
CITATION INDEXES		are valuable for policymakers, researchers, and industry practitioners cor	
Scopus	5	Show more	
CAPTURES			
Readers	55		
Mendeley	55		

6. Factors influencing safety behaviours of construction tradesmen
International Journal of Construction Management, 25(4), pp. 375–384
2025

Citations 5

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce
Impact_PlumX metrics:

Factors influencing safety behaviours of construction tradesmen

Citation Data: International Journal of Construction Management, ISSN: 2331-2327, Vol: 25, Issue: 4, Page: 375-384
Publication Year: 2025

Metrics Details		Article Description	
CITATIONS		5	The Occupational Safety and Health Administration (OSHA) observed that 90% of fatalities arise from the familiar ‘fatal four’- falls, electrocutions, stuck-bys and caught –in between. American Industrial Hygiene Association (AIHA) also fingered other four hazards due to exposures on construction jobs not paid attention to yet far more construction workers suffer chronic injuries or illness. These infamous concerns make research findings on factors influencing safety behaviours of construction workers ever relevant and this is the focus of this paper. A total of 117 construction tradesmen out of the 159 sampled within Lagos indicated their degree of agreement with factors capable of influencing construction workers’ safety behaviour on a five-point Likert scale. These were factors adjudged to influence construction workers safety behaviour based on extant literature analysed using Mean Item Score and Factor Analysis. Construction trade
Citation Indexes		5	
Scopus ↗		5	
CrossRef		1	
CAPTURES		75	
Readers		75	
Mendeley ↗		75	

Article • Open access

7. Algorithmic management and occupational health: A comparative case study of
organizational practices in logistics
Safety Science, 187, 106863 2025

Citations 4

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce
Impact_PlumX metrics:

Algorithmic management and occupational health: A comparative case study of organizational practices in logistics

Citation Data: Safety Science, ISSN: 0925-7535, Vol: 187, Page: 106863
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		See all news New Engineering Findings from Karolinska Institute Described (Algorithmic Management and Occupational Health: a Comparative Case Study of Organizational Practices In Logistics) 3 lipca 2025 Fitness & Wellness Daily 2025 JUL 03 (NewsRx) -- By a News Reporter-Staff News Editor at Fitness & Wellness Daily -- Investigators publish new report on Engineering. According to	
Citation Indexes	4		
Scopus	4		
CAPTURES			
Readers	78		
Mendeley	78		
MENTIONS			
News Mentions	1		
News	1		

Review • Open access

8.Data-Driven Analysis of Construction Safety Dynamics: Regulatory Frameworks, Evolutionary Patterns, and Technological Innovations

Buildings, 15(10), 1680 2025

Citations 4

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Data-Driven Analysis of Construction Safety Dynamics: Regulatory Frameworks, Evolutionary Patterns, and Technological Innovations

Citation Data: Buildings, ISSN: 2075-5309, Vol: 15, Issue: 10
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		See all news >	
Citation Indexes	4	Research on Information Technology Described by Researchers at Western Michigan University (Data-Driven Analysis of Construction Safety Dynamics: Regulatory Frameworks, Evolutionary Patterns, and Technological Innovations)	
Scopus ↗	4		
CAPTURES	28		
Readers	28	5 czerwca 2025 Information Technology Daily	
Mendeley ↗	28	2025 JUN 05 (NewsRx) -- By a News Reporter-Staff News Editor at Information Technology Daily -- Investigators discuss new findings in information technology. According to	
MENTIONS	1		
News Mentions	1		
News	1		

Article • Open access

9.The SAM-Krom biomonitoring study shows occupational exposure to hexavalent chromium and increased genotoxicity in Denmark

International Journal of Hygiene and Environmental Health, 264, 114444

2025

Citations 4

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

The SAM-Krom biomonitoring study shows occupational exposure to hexavalent chromium and increased genotoxicity in Denmark

Citation Data: International Journal of Hygiene and Environmental Health, ISSN: 1438-4639, Vol: 264, Page: 114444
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		See all news >	
Citation Indexes	5	26 września 2024 Health and Safety International	
Scopus	4	In brief: Danish research uncovers chromium-6 exposure in metal processing and hard chrome plating industries. Air, blood, and urine tests reveal elevated chromium-6 levels, particularly	
CrossRef	1		
Policy Citations	1		
Policy Citation	1		
CAPTURES			
Readers	12		
Mendeley	12		
MENTIONS			
News Mentions	1		
News	1		

Article • Open access

10.Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector
Buildings, 15(3), 486 2025

Citations 4

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector

Citation Data: Buildings, ISSN: 2075-5309, Vol: 15, Issue: 3
Publication Year: 2025

Metrics Details		Most Recent Blog	
CITATIONS		See all blogs >	
Citation Indexes	4	Buildings, Vol. 15, Pages 486: Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector	
Scopus	4	4 lutego 2025 MDPI Publishing	
CAPTURES		Buildings, Vol. 15, Pages 486: Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector Buildings doi: 10.3390/buildings15030486 Authors: Hyun	
Readers	48		
Mendeley	48		
MENTIONS			
Blog Mentions	2		
Blog	1		
News Mentions	1		
News	1		

Most Recent News		See all news >	
		Research Results from Kookmin University Update Understanding of Building Construction (Enhancing Worker Safety Behaviors Through the Job Demands-Resources Approach: Insights from the Korean Construction Sector)	
		26 lutego 2025 Daily Real Estate News	
		2025 FEB 26 (NewsRx) -- By a News Reporter-Staff News Editor at Daily Real Estate News -- Research findings on building construction are discussed in	

Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector

Citation Data: Buildings, ISSN: 2075-5309, Vol: 15, Issue: 3
Publication Year: 2025

Metrics Details

CITATIONS		4
Citation Indexes		4
Scopus		4
CAPTURES		48
Readers		48
Mendeley		48
MENTIONS		2
Blog Mentions		1
Blog		1
News Mentions		1
News		1

Most Recent Blog

See all blogs >

Buildings, Vol. 15, Pages 486: Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector

4 lutego 2025 | MDPI Publishing >

Buildings, Vol. 15, Pages 486: Enhancing Worker Safety Behaviors Through the Job Demands–Resources Approach: Insights from the Korean Construction Sector
Buildings doi: 10.3390/buildings15030486 Authors: Hyun

Most Recent News

See all news >

Research Results from Kookmin University Update Understanding of Building Construction (Enhancing Worker Safety Behaviors Through the Job Demands-Resources Approach: Insights from the Korean Construction Sector)

26 lutego 2025 | Daily Real Estate News >

2025 FEB 26 (NewsRx) -- By a News Reporter-Staff News Editor at Daily Real Estate News --
Research findings on building construction are discussed in

Review • Open access

11.Digital technologies in nursing: An umbrella review

International Journal of Nursing Studies, 161, 104950 2025

Citations 4

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce
Impact_PlumX metrics:

Digital technologies in nursing: An umbrella review

Citation Data: International Journal of Nursing Studies, ISSN: 0020-7489, Vol: 161, Page: 104950
Publication Year: 2025

Metrics Details

CITATIONS

4

Citation Indexes

4

Scopus ↗

4

CAPTURES

92

Readers

92

Mendeley ↗

92

Review Description

Digital technologies promise to reduce nurses' workload and increase quality of care. However, considering the plethora of single and review studies published to date, maintaining a comprehensive overview of digital technologies' impact on nursing and effectively utilizing available evidence is challenging. This review aims (i) to map published reviews on digital nursing technologies, based on their aims and the specific technologies investigated, to synthesize evidence on how these technologies' uses is associated with (ii) nurses' work-related and organizational factors, professional behavior, and health and work safety and (iii) ethically relevant outcomes for people in need of care. Preregistered overview of reviews (PROSPERO-ID: CRD42023389751). We searched for systematic reviews in eight databases, five key journals, and reference lists of included studies published in English until May 21, 2024. We used the AMSTAR 2 checklist to assess the methodological quality of the included reviews.

Show more ▼

Bibliographic Details

DOI: 10.1016/j.ijnurstu.2024.104950 ↗

PMID: 39603090 ↗

URL ID: <http://www.sciencedirect.com/science/article/pii/S0020748924002633> ↗; <http://dx.doi.org/10.1016/j.ijnurstu.2024.104950> ↗; <http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=85210124647&origin=inward> ↗; <http://www.ncbi.nlm.nih.gov/pubmed/39603090> ↗; <https://linkinghub.elsevier.com/retrieve/pii/S0020748924002633> ↗; <https://dx.doi.org/10.1016/j.ijnurstu.2024.104950> ↗

AUTHOR(S):

Schlicht, Larissa; Wendsche, Johannes; Melzer, Marlen; Tschetsche, Letizia

Show more ▼

Article • Open access

12. Immigrant workers in the meat industry during COVID-19: comparing governmental protection in Germany, the Netherlands, and the USA

Globalization and Health, 21(1), 10 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Immigrant workers in the meat industry during COVID-19: comparing governmental protection in Germany, the Netherlands, and the USA

Citation Data: Globalization and Health, ISSN: 1744-8603, Vol: 21, Issue: 1, Page: 10
Publication Year: 2025

Metrics Details

CITATIONS

3

Citation Indexes

3

Scopus ↗

3

CrossRef

1

PubMed Central ↗

1

CAPTURES

12

Readers

12

Mendeley ↗

12

Article Description

The meat industry showcases the precarity of employment arrangements as part of broader global economic liberalization. In many countries, its workforce consists mostly of precariously employed immigrant and resident foreign-born workers. Categorized as “essential workers”, they worked throughout the COVID-19 pandemic, while facing high infection risk. Using case-studies in three country contexts – Illinois/USA, the Netherlands, and North Rhine-Westphalia/Germany – we analyzed policy documents, investigative reports, publicly available data, and informal expert consultation to examine structural causes of protection gaps for workers in the meat industry as well as facilitators and barriers to improving occupational safety and health. The Framework Method was applied to systematize and compare the overall data. Our analysis yields First, immigrant workers in the meat industry face similar structural con

Show more

Bibliographic Details

DOI: 10.1186/s12992-025-01104-9 ↗

PMID: 40121426 ↗

URL ID: <http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=105000731506&origin=inward> ↗; <http://dx.doi.org/10.1186/s12992-025-01104-9> ↗; <http://www.ncbi.nlm.nih.gov/pubmed/40121426> ↗; <https://globalizationandhealth.biomedcentral.com/articles/10.1186/s12992-025-01104-9> ↗; <https://dx.doi.org/10.1186/s12992-025-01104-9> ↗

AUTHOR(S):
Gottlieb, Nora; Jungwirth, Ingrid; Glassner, Marius; de Lange, Tesseltje; Show more

Article • Open access

13.Caring for the Caregiver: Work Mistreatment and Well-Being Among Early Childhood Education Staff in Colorado

Early Childhood Education Journal, 53(4), pp. 1095–1105 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Caring for the Caregiver: Work Mistreatment and Well-Being Among Early Childhood Education Staff in Colorado

Citation Data: Early Childhood Education Journal, ISSN: 1573-1707, Vol: 53, Issue: 4, Page: 1095-1105
Publication Year: 2025

Metrics Details

CITATIONS

4

Citation Indexes

3

Scopus ↗

3

CrossRef

1

Policy Citations

1

Policy Citation

1

CAPTURES

15

Readers

15

Mendeley ↗

15

MENTIONS

1

News Mentions

1

News

1

Most Recent News

Findings on Mental Health Diseases and Conditions Discussed by Investigators at University of Colorado Anschutz Medical Campus (Caring for the Caregiver: Work Mistreatment and Well-being Among Early Childhood Education Staff In Colorado)

25 kwietnia 2024 | Education Daily Report ↗

2024 APR 25 (NewsRx) -- By a News Reporter-Staff News Editor at Education Daily Report -- Investigators publish new report on Mental Health Diseases and

See all news

44

Article • Open access

14. Integrated Noise Management Strategies in Industrial Environments: A Framework for Occupational Safety, Health, and Productivity

Sustainability Switzerland, 17(3), 1181 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Integrated Noise Management Strategies in Industrial Environments: A Framework for Occupational Safety, Health, and Productivity

Citation Data: Sustainability (Switzerland), ISSN: 2071-1050, Vol: 17, Issue: 3
Publication Year: 2025

Metrics Details		Most Recent Blog	
CITATIONS		See all blogs >	
Citation Indexes	3	Sustainability, Vol. 17, Pages 1181: Integrated Noise Management Strategies in Industrial Environments: A Framework for Occupational Safety, Health, and Productivity	
Scopus >	3	1 lutego 2025 MDPI Publishing >	
CAPTURES		Sustainability, Vol. 17, Pages 1181: Integrated Noise Management Strategies in Industrial Environments: A Framework for Occupational Safety, Health, and Productivity Sustainability doi: 10.3390/su17031181 Authors: Timur	
Readers	71		
Mendeley >	71		
MENTIONS			
Blog Mentions	1		
Blog	1		

15. Article

Furthering decent work by expanding the role of occupational safety and health

Work, 80(2), pp. 680–690 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Furthering decent work by expanding the role of occupational safety and health

Citation Data: Work, ISSN: 1051-9815, Vol: 80, Issue: 2, Page: 680-690
Publication Year: 2025

Metrics Details		Most Recent News	
CITATIONS		See all news >	
Citation Indexes	3	Occupational safety expands to tackle ILO's "Decent Work" goal by 2030	
Scopus >	3	11 października 2024 Health and Safety International >	
CrossRef	1	In brief: Decent work includes opportunities for income, worker rights, health, and fair treatment in the workplace. OSH can help achieve decent work through research,	
PubMed Central >	1		
CAPTURES			
Readers	15		
Mendeley >	15		
MENTIONS			
News Mentions	1		
News	1		

Article • Open access

16.The role of client in fostering construction safety during the planning and design stages

Journal of Asian Architecture and Building Engineering, 24(3), pp. 1659–1671 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

The role of client in fostering construction safety during the planning and design stages

Citation Data: Journal of Asian Architecture and Building Engineering, ISSN: 1347-2852, Vol: 24, Issue: 3, Page: 1659-1671

Publication Year: 2025

Metrics Details		Article Description	
CITATIONS		3	The construction industry is deemed a hazardous industry in terms of occupational safety and health (OSH) which is the obligation of all project parties during the project life cycle. This research aims to investigate the role of the client in fostering construction safety, in the planning and design stages in the Gaza Strip, a territory of Palestine. A quantitative survey was designed and used where the response rate of the distribution came to 72.48% (79 responses). The results were obtained from questionnaire responses and findings based on the ranking indicate a lack of awareness of the construction project clients about their responsibilities on OSH practices. Establishing a special unit in the syndicate of engineers to review the design and plans and consider their compatibility with new design theories that deal with safety and establishing an independent institution concerned with OSH issues in all aspects and clauses is necessary to ma 12345678910111213141516171819202122232425262728293031323334353637383940414243444546474849505152535455565758596061626364656667686970717273747576777879808182838485868788899091929394959697989910010110210310410510610710810911011111211311411511611711811912012112212312412512612712812913013113213313413513613713813914014114214314414514614714814915015115215315415515615715815916016116216316416516616716816917017117217317417517617717817918018118218318418518618718818919019119219319419519619719819920020120220320420520620720820921021121221321421521621721821922022122222322422522622722822923023123223323423523623723823924024124224324424524624724824925025125225325425525625725825926026126226326426526626726826927027127227327427527627727827928028128228328428528628728828929029129229329429529629729829930030130230330430530630730830931031131231331431531631731831932032132232332432532632732832933033133233333433533633733833934034134234334434534634734834935035135235335435535635735835936036136236336436536636736836937037137237337437537637737837938038138238338438538638738838939039139239339439539639739839940040140240340440540640740840941041141241341441541641741841942042142242342442542642742842943043143243343443543643743843944044144244344444544644744844945045145245345445545645745845946046146246346446546646746846947047147247347447547647747847948048148248348448548648748848949049149249349449549649749849950050150250350450550650750850951051151251351451551651751851952052152252352452552652752852953053153253353453553653753853954054154254354454554654754854955055155255355455555655755855956056156256356456556656756856957057157257357457557657757857958058158258358458558658758858959059159259359459559659759859960060160260360460560660760860961061161261361461561661761861962062162262362462562662762862963063163263363463563663763863964064164264364464564664764864965065165265365465565665765865966066166266366466566666766866967067167267367467567667767867968068168268368468568668768868969069169269369469569669769869970070170270370470570670770870971071171271371471571671771871972072172272372472572672772872973073173273373473573673773873974074174274374474574674774874975075175275375475575675775875976076176276376476576676776876977077177277377477577677777877978078178278378478578678778878979079179279379479579679779879980080180280380480580680780880981081181281381481581681781881982082182282382482582682782882983083183283383483583683783883984084184284384484584684784884985085185285385485585685785885986086186286386486586686786886987087187287387487587687787887988088188288388488588688788888989089189289389489589689789889990090190290390490590690790890991091191291391491591691791891992092192292392492592692792892993093193293393493593693793893994094194294394494594694794894995095195295395495595695795895996096196296396496596696796896997097197297397497597697797897998098198298398498598698798898999099199299399499599699799899910001001100210031004100510061007100810091010101110121013101410151016101710181019102010211022102310241025102610271028102910301031103210331034103510361037103810391040104110421043104410451046104710481049105010511052105310541055105610571058105910601061106210631064106510661067106810691070107110721073107410751076107710781079108010811082108310841085108610871088108910901091109210931094109510961097109810991100110111021103110411051106110711081109111011111112111311141115111611171118111911201121112211231124112511261127112811291130113111321133113411351136113711381139114011411142114311441145114611471148114911501151115211531154115511561157115811591160116111621163116411651166116711681169117011711172117311741175117611771178117911801181118211831184118511861187118811891190119111921193119411951196119711981199120012011202120312041205120612071208120912101211121212131214121512161217121812191220122112221223122412251226122712281229123012311232123312341235123612371238123912401241124212431244124512461247124812491250125112521253125412551256125712581259126012611262126312641265126612671268126912701271127212731274127512761277127812791280128112821283128412851286128712881289129012911292129312941295129612971298129913001301130213031304130513061307130813091310131113121313131413151316131713181319132013211322132313241325132613271328132913301331133213331334133513361337133813391340134113421343134413451346134713481349135013511352135313541355135613571358135913601361136213631364136513661367136813691370137113721373137413751376137713781379138013811382138313841385138613871388138913901391139213931394139513961397139813991400140114021403140414051406140714081409141014111412141314141415141614171418141914201421142214231424142514261427142814291430143114321433143414351436143714381439144014411442144314441445144614471448144914501451145214531454145514561457145814591460146114621463146414651466146714681469147014711472147314741475147614771478147914801481148214831484148514861487148814891490149114921493149414951496149714981499150015011502150315041505150615071508150915101511151215131514151515161517151815191520152115221523152415251526152715281529153015311532153315341535153615371538153915401541154215431544154515461547154815491550155115521553155415551556155715581559156015611562156315641565156615671568156915701571157215731574157515761577157815791580158115821583158415851586158715881589159015911592159315941595159615971598159916001601160216031604160516061607160816091610161116121613161416151616161716181619162016211622162316241625162616271628162916301631163216331634163516361637163816391640164116421643164416451646164716481649165016511652165316541655165616571658165916601661166216631664166516661667166816691670167116721673167416751676167716781679168016811682168316841685168616871688168916901691169216931694169516961697169816991700170117021703170417051706170717081709171017111712171317141715171617171718171917201721172217231724172517261727172817291730173117321733173417351736173717381739174017411742174317441745174617471748174917501751175217531754175517561757175817591760176117621763176417651766176717681769177017711772177317741775177617771778177917801781178217831784178517861787178817891790179117921793179417951796179717981799180018011802180318041805180618071808180918101811181218131814181518161817181818191820182118221823182418251826182718281829183018311832183318341835183618371838183918401841184218431844184518461847184818491850185118521853185418551856185718581859186018611862186318641865186618671868186918701871187218731874187518761877187818791880188118821883188418851886188718881889189018911892189318941895189618971898189919001901190219031904190519061907190819091910191119121913191419151916191719181919192019211922192319241925192619271928192919301931193219331934193519361937193819391940194119421943194419451946194719481949195019511952195319541955195619571958195919601961196219631964196519661967196819691970197119721973197419751976197719781979198019811982198319841985198619871988198919901991199219931994199519961997199819992000200120022003200420052006200720082009201020112012201320142015201620172018201920202021202220232024202520262027202820292030203120322033203420352036203720382039204020412042204320442045204620472048204920502051205220532054205520562057205820592060206120622063206420652066206720682069207020712072207320742075207620772078207920802081208220832084208520862087208820892090209120922093209420952096209720982099210021012102210321042105210621072108210921102111211221132114211521162117211821192120212121222123212421252126212721282129213021312132213321342135213621372138213921402141214221432144214521462147214821492150215121522153215421552156215721582159216021612162216321642165216621672168216921702171217221732174217521762177217821792180218121822183218421852186218721882189219021912192219321942195219621972198219922002201220222032204220522062207220822092210221122122213221422152216221722182219222022212222222322242225222622272228222922302231223222332234223522362237223822392240224122422243224422452246224722482249225022512252225322542255225622572258225922602261226222632264226522662267226822692270227122722273227422752276227722782279228022812282228322842285228622872288228922902291229222932294229522962297229822992300230123022303230423052306230723082309231023112312231323142315231623172318231923202321232223232324232523262327232823292330233123322333233423352336233723382339234023412342234323442345234623472348234923502351235223532354235523562357235823592360236123622363236423652366236723682369237023712372237323742375237623772378237923802381238223832384238523862387238823892390239123922393239423952396239723982399240024012402240324042405240624072408240924102411241224132414241524162417241824192420242124222423242424252426242724282429243024312432243324342435243624372438243924402441244224432444244524462447244824492450245124522453245424552456245724582459246024612462246324642465246624672468246924702471247224732474247524762477247824792480248124822483248424852486248724882489249024912492249324942495249624972498249925002501250225032504250525062507250825092510251125122513251425152516251725182519252025212522252325242525252625272528252925302531253225332534253525362537253825392540254125422543254425452546254725482549255025512552255325542555255625572558255925602561256225632564256525662567256825692570257125722573257425752576257725782579258025812582258325842585258625872588258925902591259225932594259525962597259825992600260126022603260426052606260726082609261026112612261326142615261626172618261926202621262226232624262526262627262826292630263126322633263426352636263726382639264026412642264326442645264626472648264926502651265226532654265526562657265826592660266126622663266426652666266726682669267026712672267326742675267626772678267926802681268226832684268526862687268826892690269126922693269426952696269726982699270027012702270327042705270627072708270927102711271227132714271527162717271827192720272127222723272427252726272727282729273027312732273327342735273627372738273927402741274227432744274527462747274827492750275127522753275427552756275727582759276027612762276327642765276627672768276927702771277227732774277527762777277827792780278127822783278427852786278727882789279027912792279327942795279627972798279928002801280228032804280528062807280828092810281128122813281428152816281728182819282028212822282328242825282628272828282928302831283228332834283528362837283828392840284128422843284428452846284728482849285028512852285328542855285628572858285928602861286228632864286528662867286828692870287128722873287428752876287728782879288028812882288328842885288628872888288928902891289228932894289528962897289828992900290129022903290429052906290729082909291029112912291329142915291629172918291929202921292229232924292529262927292829292930293129322933293429352936293729382939294029412942294329442945294629472948294929502951295229532954295529562957295829592960296129622963296429652966296729682969297029712972297329742975297629772978297929802981298229832984298529862987298829892990299129922993299429952996299729982999300030013002300330043005300630073008300930103011301230133014301530163017301830193020302130223023302430253026302730283029303030313032303330343035303630373038303930403041304230433044304530463047304830493050305130523053305430553056305730583059306030613062306330643065306630673068306930703071307230733074307530763077307830793080308130823083308430853086308730883089309030913092309330943095309630973098309931003101310231033104310531063107310831093110311131123113311431153116311731183119312031213122312331243125312631273128312931303131313231333134313531363137313831393140314131423143314431453146314731483149315031513152315331543155315631573158315931603161316231633164316531663167316831693170317131723173317431753176317731783179318031813182318331843185318631873188318931903191319231933194319531963197319831993200320132023203320432053206320732083209321032113212321332143215321632173218321932203221322232233223432253226322732283229323032313232323332343235323632373238323932403241324232433244324532463247324832493250325132523253325432553256325732583259326032613262326332643265326632673268326932703271327232733274327532763277327832793280328132823283328432853286328732883289329032913292329332943295329632973298329933003301330233033304330533063307330833093310331133123313331433153

Article • Open access

17.Hazardous exposures and engineering controls in the landscaping services industry

Journal of Occupational and Environmental Hygiene, 22(3), pp. 189–202 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Hazardous exposures and engineering controls in the landscaping services industry

Citation Data: Journal of Occupational and Environmental Hygiene, ISSN: 1545-9632, Vol: 22, Issue: 3, Page: 189-202
Publication Year: 2025

Metrics Details		Article Description	
CITATIONS		Landscapers are exposed to noise, carbon monoxide (CO), respirable dust, and respirable crystalline silica (RCS) generated from the tools they use. Although engineering controls are available to reduce these exposures, no previous study has evaluated chronic exposures to landscapers in different work settings and compared exposures from landscaping tools with and without engineering controls. This field study of workers in the landscaping services industry documented the occupational exposures of 80 participants at 11 varied worksites to noise, CO, respirable dust, and RCS using personal breathing zone sampling. Results were analyzed using SAS/STAT 14.1. Analysis of variance was used for normally distributed data; otherwise, nonparametric methods were used. Most workers were overexposed to noise, with 94 of the 119 8-hr time-weighted average (TW) exposures at or above the National Institute for Occupational Safety and	
Citation Indexes	3		
Scopus	3		
CAPTURES			
Readers	7		
Mendeley	7		
		Bibliographic Details	
		DOI: 10.1080/15459624.2024.2439810	
		PMID: 39745904	
		URL ID: http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=85214367036&origin=inward ; http://dx.doi.org/10.1080/15459624.2024.2439810 ; http://www.ncbi.nlm.nih.gov/pubmed/39745904 ; https://www.tandfonline.com/doi/full/10.1080/15459624.2024.2439810	
		AUTHOR(S): Alexander, Barbara M; Graydon, Pamela S; Pena, Mirla; Feng, H Amy; B	
		Show more	

Article

18.The single machine scheduling problem with bio-mathematical fatigue constraints
International Journal of Production Research, 63(15), pp. 5649–5670
2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

The single machine scheduling problem with bio-mathematical fatigue constraints

Citation Data: International Journal of Production Research, ISSN: 1366-588X, Vol: 63, Issue: 15, Page: 5649-5670
Publication Year: 2025

Metrics Details		Article Description	
CITATIONS		Despite the adverse impacts of occupational fatigue such as accidents and injuries in the manufacturing industry, it has not been systematically examined in the literature on production scheduling. In this paper, we integrate the classic bio-mathematical fatigue prediction model from the brain science literature into the simple single machine scheduling problem with sequence-dependent setup times. Then, we formulate the problem as a mixed-integer linear programming model and propose an adaptive large neighborhood search heuristic. The effectiveness of the heuristic is numerically validated through real cases. Finally, we argue that considering bio-mathematical fatigue prediction can lead to safer production schedules, notably reducing the fatigue working hours in our real case.	
Citation Indexes	3		
Scopus	3		
CrossRef	2		
CAPTURES			
Readers	3		
Mendeley	3		
		Bibliographic Details	
		DOI: 10.1080/00207543.2025.2459290	
		URL ID: http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=85216947003&origin=inward ; http://dx.doi.org/10.1080/00207543.2025.2459290 ; https://www.tandfonline.com/doi/full/10.1080/00207543.2025.2459290	
		AUTHOR(S): Zhaotong Wang; Tianhu Deng; Yize Meng; Han Guo	

Editorial • Open access

19. Editorial: Use of AR/MR/VR in the context of occupational safety and health

Frontiers in Virtual Reality, 6, 1528804 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce

Impact_PlumX metrics:

Editorial: Use of AR/MR/VR in the context of occupational safety and health

Citation Data: Frontiers in Virtual Reality, ISSN: 2673-4192, Vol: 6
Publication Year: 2025

Metrics Details	Article Description
CITATIONS 3	Frontiers in Virtual Reality
Citation Indexes 3	
Scopus 3	
CAPTURES 11	Bibliographic Details
Readers 11	DOI: 10.3389/frvir.2025.1528804 ↗
Mendeley 11	URL ID: http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=85219420293&origin=inward ; http://dx.doi.org/10.3389/frvir.2025.1528804 ; https://www.frontiersin.org/articles/10.3389/frvir.2025.1528804/full ; https://dx.doi.org/10.3389/frvir.2025.1528804 ; https://www.frontiersin.org/journals/virtual-reality/articles/10.3389/frvir.2025.1528804/full ↗
	AUTHOR(S): Florian Soyka; Peter Nickel; Francisco Rebelo; Aurélien Lux; Andrzej Grabowski
	PUBLISHER(S): Show more ↕

Article

20. Enhancing occupational safety in Construction: Predictive analytics using advanced ensemble machine learning algorithms

Engineering Applications of Artificial Intelligence, 159, 111761 2025

Citations 2

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce

Impact_PlumX metrics:

Enhancing occupational safety in Construction: Predictive analytics using advanced ensemble machine learning algorithms

Citation Data: Engineering Applications of Artificial Intelligence, ISSN: 0952-1976, Vol: 159, Page: 111761
Publication Year: 2025

Metrics Details	Article Description
CITATIONS 2	In the construction industry, persistent occupational injury risks demand robust predictive methodologies to identify and mitigate hazards effectively. This study leverages advanced ensemble machine learning algorithms (ML), Extreme Gradient Boosting (XGBoost), Light Gradient-Boosting Machine (LightGBM), and a Modified Decision Tree (MDT) that evaluated against a comprehensive Occupational Safety and Health Administration (OSHA) dataset. Our findings reveal that the MDT, with tailored split criteria and advanced pruning techniques, achieved a prediction accuracy of 98.13 %, surpassing traditional models and other algorithms. XGBoost and LightGBM also showed robust performance with prediction accuracies of 92.9 % and 95.97 %, respectively. The efficacy of these models is demonstrated through k-fold cross-validation, with the MDT outperforming others, recording a Mean Absolute Error (MAE) of 6.37, N
Citation Indexes 2	
Scopus 2	
CrossRef 1	
CAPTURES 18	Bibliographic Details
Readers 18	DOI: 10.1016/j.engappai.2025.111761 ↗
Mendeley 18	URL ID: http://www.sciencedirect.com/science/article/pii/S0952197625017634 ; http://dx.doi.org/10.1016/j.engappai.2025.111761 ; http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=105010838528&origin=inward ; https://linkinghub.elsevier.com/retrieve/pii/S0952197625017634 ; https://dx.doi.org/10.1016/j.engappai.2025.111761 ↗
	AUTHOR(S): Ali Shehadeh; Odey Alshboul

Artykuły uzyskane na zapytanie „occupational safety and health” zindeksowane w Scopus CC z afiliacją Poland (stan na: 24.10.2025.)

wyniki = 4 publikacje (edytorial, artykuły), 2 uzyskały przynajmniej jedno cytowanie,

Wszystkie zindeksowano jako All Open Access

Data dostępu do danych: 24.10.2025.

(TITLE-ABS-KEY ("occupational safety and health") AND AFFILCOUNTRY (Poland)) AND PUBYEAR = 2025

Editorial • Open access

1.Editorial: Use of AR/MR/VR in the context of occupational safety and health

Frontiers in Virtual Reality, 6, 1528804 2025

Citations 3

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce

Impact_PlumX metrics:

Editorial: Use of AR/MR/VR in the context of occupational safety and health

Citation Data: Frontiers in Virtual Reality, ISSN: 2673-4192, Vol: 6

Publication Year: 2025

Metrics Details	Article Description
CITATIONS 3	Frontiers in Virtual Reality
Citation Indexes 3	
Scopus ↗ 3	
CAPTURES 11	Bibliographic Details
Readers 11	DOI: 10.3389/frvir.2025.1528804 ↗
Mendeley ↗ 11	URL ID: http://www.scopus.com/inward/record.url?partnerID=HzOxMe3b&scp=85219420293&origin=inward ↗; http://dx.doi.org/10.3389/frvir.2025.1528804 ↗; https://www.frontiersin.org/articles/10.3389/frvir.2025.1528804/full ↗; https://dx.doi.org/10.3389/frvir.2025.1528804 ↗; https://www.frontiersin.org/journals/virtual-reality/articles/10.3389/frvir.2025.1528804/full ↗
	AUTHOR(S): Florian Soyka; Peter Nickel; Francisco Rebelo; Aurélien Lux; Andrzej Grabowski
	PUBLISHER(S): Show more ▼

Article • Open access

2.A Study of Working Conditions in Platform Work

Sustainability Switzerland, 17(14), 6536 2025

Citations 1

Citation Data: Sustainability (Switzerland), ISSN: 2071-1050, Vol: 17, Issue: 14
Publication Year: 2025

Article • Open access

International Journal of Environmental Science and Technology, 22(14), pp. 14591–14606 2025

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact PlumX metrics:

Citation Data: International Journal of Environmental Science and Technology, ISSN: 1735-2630, Vol: 22, Issue: 14, Page: 14591-14606
Publication Year: 2025

Article • Open access

50

Healthcare Switzerland, 13(6), 684

2025

Citations 0

Metryki artykułu – cytowania i wskaźniki altmetryczne dostępne w Scopus_w zakładce Impact_PlumX metrics:

Service-Related Musculoskeletal Injuries in Polish Firefighters: A 2021–2023 Accidents Analysis

Citation Data: Healthcare (Switzerland), ISSN: 2227-9032, Vol: 13, Issue: 6
Publication Year: 2025

Metrics Details		Most Recent Blog	
CITATIONS		See all blogs >	
Citation Indexes	0	Healthcare, Vol. 13, Pages 684: Service-Related Musculoskeletal Injuries in Polish Firefighters: A 2021–2023 Accidents Analysis	
Scopus >	0	20 marca 2025 MDPI Publishing >	
CAPTURES		Healthcare, Vol. 13, Pages 684: Service-Related Musculoskeletal Injuries in Polish Firefighters: A 2021–2023 Accidents Analysis Healthcare doi: 10.3390/healthcare13060684 Authors: Łukasz Dudziński Łukasz Czyżewski Janusz Wyzgał	
Readers	2		
Mendeley >	2		
MENTIONS			
Blog Mentions	1		
Blog	1		

Zrealizowano na podstawie wyników VI etapu programu wieloletniego pn. „Rządowy Program Poprawy Bezpieczeństwa i Warunków Pracy”, finansowanego w zakresie zadań służb państwowych ze środków Ministerstwa Rodziny, Pracy i Polityki Społecznej. zadanie nr: 7.ZS.06. pod tytułem: naukowa (dotycząca bezpiecznego funkcjonowania człowieka w środowisku pracy) na rzecz podnoszenia efektywności prac badawczych. Koordynator Programu: Centralny Instytut Ochrony Pracy – Państwowy Instytut Badawczy.