

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. 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.

Zapytanie wyszukiwawcze w WoS CC: ergonomics 2025_All countries

The screenshot shows the search results for 'ergonomics' in the Web of Science Core Collection. The search bar contains 'ergonomics (Topic)' and shows 1,151 results. Below the search bar, there are several filters: '+ Add Keywords', 'Quick add keywords: < + ergonomics + surgical ergonomics + visual ergonomics + orbeye + systems engineering initiative for patient safety'. The page also includes a 'Copy query link' button and a timestamp: '| Timespan: 2025-01-01 to 2025-12-31 (Index Date)'.

Data wyszukiwania: 9.10.2025.

Typy dokumentów uzyskane w wynikach: Article 839, Early Access 171, Review Article 140, Proceeding Paper 130, Editorial Material 26, Meeting Abstract 12, Letter 3, Book Chapters 2, Correction 2

Biorąc pod uwagę wszystkie 1151 publikacji z 2025 roku – poniżej zaprezentowano zestawienia informacji uzyskanych za pomocą narzędzia: ANALIZA WYNIKÓW.

- 15 czasopism z najwyższą liczbą publikacji
- 15 krajów - afiliacja autorów z najwyższą liczbą publikacji
- 15 afiliacji – instytucji z najwyższą liczbą publikacji

Analyze Results – Analiza wyników

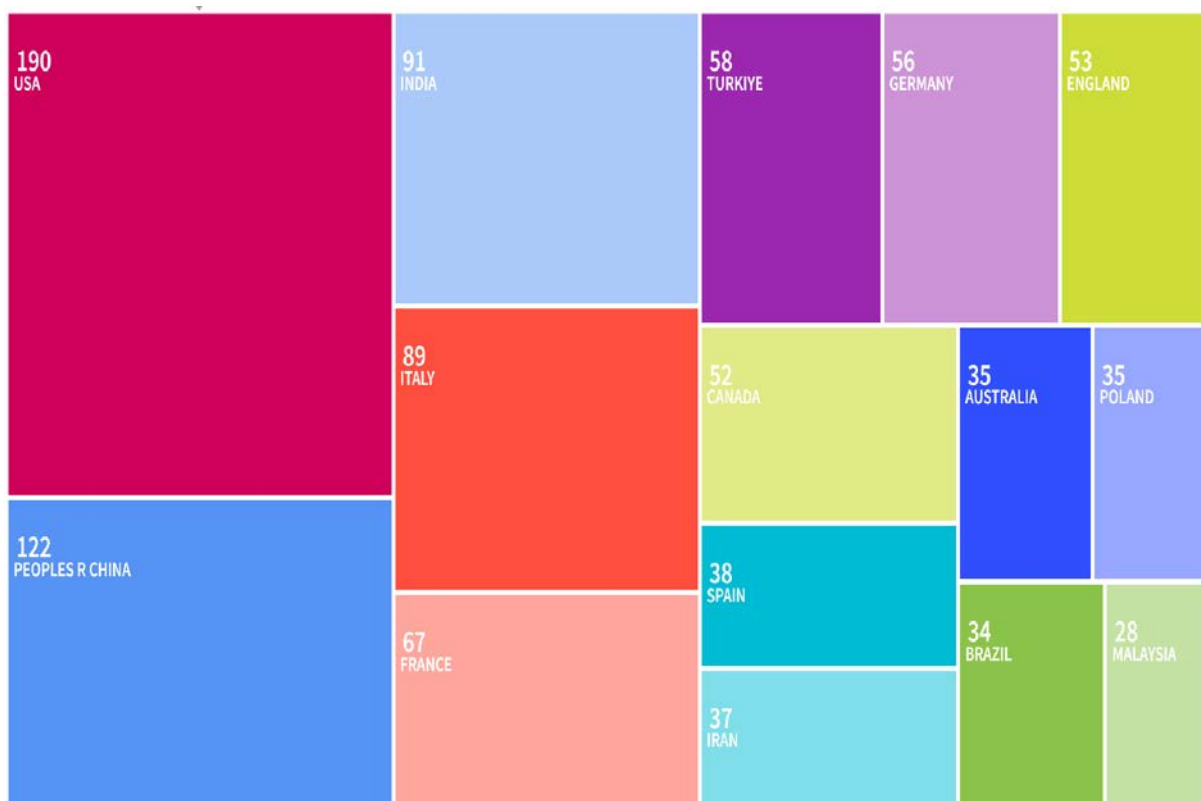
15 czasopism z najwyższą liczbą publikacji



Data wyszukiwania: 9.10.2025.

Analyze Results – Analiza wyników

15 krajów - afiliacja autorów z najwyższą liczbą publikacji



Data wyszukiwania: 9.10.2025.

Analyze Results – Analiza wyników

15 afiliacji – instytucji z najwyższą liczbą publikacji



Data wyszukiwania: 9.10.2025.

Zapytanie wyszukiwawcze w polu Topic: ergonomics

_afiliacja: All countries_2025

Poniżej informacja o 20 artykułach, które uzyskały najwięcej cytowań, są pierwsze na liście wyników

Metadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

1. [A Comprehensive Review of AI-Based Digital Twin Applications in Manufacturing: Integration Across Operator, Product, and Process Dimensions](#)
[Alfaro-Viquez, D](#); [Zamora-Hernandez, M](#); (...); [Azorin-Lopez, J](#)

Feb 2025

[ELECTRONICS](#) 14 (4)

Digital twins (DTs) represent a transformative technology in manufacturing, facilitating significant advancements in monitoring, simulation, and optimization. This paper offers an extensive bibliographic review of AI-Based DT applications, categorized into three principal dimensions: operator, process, and product. The operator dimension focuses on enhancing safety and ergonomics through intell

[Free Full Text from Publisher](#)

[12 Citations](#)

[115 References](#)

[Related records](#)

2. [Human Factors and Ergonomics in Industry 5.0-A Systematic Literature Review](#)

[Trstenjak, M](#); [Benesova, A](#); (...); [Cajner, H](#)

Feb 2025

[APPLIED SCIENCES-BASEL](#) 15 (4)

Featured Application This paper supports the design and implementation of human-centric work environments in industrial and organizational settings. By addressing traditional and cognitive ergonomics, workload management, and employee well-being, the findings can be applied to develop socio-technical systems that enhance productivity, efficiency, and motivation. Industries can leverage these in

[Free Full Text from Publisher](#)

[11 Citations](#)

[130 References](#)

[Related records](#)

3. Direct-to-consumer self-tests sold in the UK in 2023: cross sectional review of regulation and evidence of performance

Hillier, B; Deeks, JJ; (...); Davenport, C

Jul 23 2025

BMJ-BRITISH MEDICAL JOURNAL 390

OBJECTIVES To review the evidence base, clinical performance claims, and usability and safety of self-tests available for sale on the UK high street.

DESIGN Cross sectional review of self-tests-regulation, evidence of performance, usability, and safety. **SETTING** Tests were identified from supermarkets, pharmacies, and health and wellbeing shops within a 10 mile radius of the University of Birmin

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

5 Citations

47 References

[Related records](#)

4. Metrological evaluation of contactless sleep position recognition using an accelerometric smart bed and machine learning

Hoang, ML; Matrella, G and Ciampolini, P

Apr 16 2025

SENSORS AND ACTUATORS A-PHYSICAL

385

Precise categorization of sleep postures is essential for evaluating overall physical and mental condition. A smart bed was constructed with the microelectromechanical systems (MEMS) accelerometer sensor and an STM 32-bit microcontroller board. This work applies machine learning (ML) methods to acceleration data to accurately categorize four main sleep positions: right side, left side, prone, a

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5 Citations

43 References

[Related records](#)

5. Port Site Placement and Outcomes for Surgical Obesity and Metabolic Surgeries (PSOSO) Checklist: A New Reporting Checklist Based on Evidential Assessment of the Number of Trocars and Positions

Zidan, MH; El-Masry, H; (...); Abokhozima, A

Mar 2025

OBESITY SURGERY

35 (3) , pp.1086-1108

Since the early 1980s, efforts to standardize ergonomic practices in laparoscopic surgeries have aimed to improve procedural efficiency and reduce complications, but clinical validation remains limited. In metabolic and

bariatric surgeries (MBS), innovations in trocar site placements, driven by the popularity of laparoscopic sleeve gastrectomy (LSG), have advanced surgical techniques. However,

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[5 Citations](#)

[67 References](#)

[Related records](#)

[6. Ergonomics and design for safety: A scoping review and bibliometric analysis in the industrial engineering literature](#)

[Vigoroso, L](#); [Caffaro, F](#); (...); [Fargnoli, M](#)

May 2025

[SAFETY SCIENCE](#) 185

The rate of accidents in the manufacturing context is not decreasing significantly, despite the continuous effort of providing stricter safety requisites at the regulatory level. In particular, recent statistics show that most accidents are related to the interaction between humans and technical systems, primarily due to inadequate consideration of human factors. Based on this, the purpose of t

[Full Text at Publisher](#)

[5 Citations](#)

[144 References](#)

[Related records](#)

[7. Integrating exoskeletons in the construction sector: a systematic review of empirical evaluation tools and future directions](#)

[Al-Khiami, MI](#); [Lindhard, SM](#) and [Wandahl, S](#)

Dec 2024 (Early Access)

[ENGINEERING CONSTRUCTION AND ARCHITECTURAL MANAGEMENT](#)

Purpose - This study aims to evaluate and synthesize literature on exoskeleton implementation in the construction industry to understand their current applications, evaluate existing research approaches and identify critical areas for future investigation. Through a comprehensive analysis of empirical studies, the research seeks to establish a clear roadmap for advancing exoskeleton adoption in

[Full Text at Publisher](#)

[5 Citations](#)

[89 References](#)

[Related records](#)

[8. Vaginal-Assisted Natural Orifice Transluminal Endoscopic Surgery Hysterectomy for Large Uterus Using the da Vinci SP](#)

[Kanno, K](#); [Higuchi, N](#); (...); [Andou, M](#)

May 2025

[JOURNAL OF MINIMALLY INVASIVE GYNECOLOGY](#)

32 (5) , pp.415-416

Objective: Recent advancements of minimally invasive gynecologic surgery have led to the development of transvaginal natural orifice transluminal endoscopic surgery (vNOTES) [1,2]. Robot-assisted vNOTES has also been explored as a method providing accurate and fine surgical procedures with improved ergonomics, visualization, wristed instruments, elimination of the hand tremor [3,4]. The objecti

[Full Text at Publisher](#)

[4 Citations](#)

[5 References](#)

[Related records](#)

9. [Wearable Sensors in Industrial Ergonomics: Enhancing Safety and Productivity in Industry 4.0](#)

[Naranjo, JE](#); [Mora, CA](#); (...); [Garcia, MV](#)

Mar 2025

[SENSORS](#)

25 (5)

The fourth industrial revolution has transformed industrial ergonomics through the adoption of wearable technologies to enhance workplace safety and well-being. This study conducts a comprehensive scoping review, structured according to PRISMA guidelines, examining how wearable devices are revolutionizing ergonomic practices within Industry 4.0. After analyzing 1319 articles from major database

[Free Full Text from Publisher](#)

[4 Citations](#)

[68 References](#)

[Related records](#)

10 [Enhancing ergonomic comfort: A study on customized cushion design using 3D scanning and additive manufacturing](#)

[Pagliari, C](#); [Montalti, A](#); (...); [Liverani, A](#)

Mar 2025

[RESULTS IN ENGINEERING](#) 25

This paper presents a method for designing a customized ergonomic office chair backrest aimed at improving user posture and long-term health. Given the importance of ergonomics in workplace settings, this study leverages 3D scanning and additive manufacturing to create personalized cushions that conform precisely to individual anatomical shapes, aligning with ergonomic standards. The process be

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[4 Citations](#)

[34 References](#)

[Related records](#)

[11. Comprehensive investigation of ergonomic challenges and predictors of work-related musculoskeletal disorders among intensive care unit nurses of Western India through convergent mixed methods study](#)

[Detroja, S](#); [Mahajan, R](#) and [Sheth, A](#)

Feb 7 2025

[BMC MUSCULOSKELETAL DISORDERS](#) 26 (1)

Background Work-related musculoskeletal disorders (WRMSDs) are significant concern in intensive care units (ICUs) due to distinct work environment. This study aims to comprehensively investigate determinants of WRMSDs and ergonomic challenges, specific to ICU nurses, providing valuable insights for targeted interventions. Methods In this six-month convergent mixed methods study, 200 consenting

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[4 Citations](#)

[42 References](#)

[Related records](#)

[12. Towards Human-Centric Manufacturing: Exploring the Role of Human Digital Twins in Industry 5.0](#)

[Bucci, I](#); [Fani, V](#) and [Bandinelli, R](#)

Jan 2025

[SUSTAINABILITY](#) 17 (1)

Human-centricity, a cornerstone of Industry 5.0, emphasizes the central role of human needs and capabilities in the technological landscape of modern manufacturing. As Digital Twins (DTs) become a core technology of Industry 4.0, the evolution towards Human Digital Twins (HDTs) marks a significant shift to enhance human-system integration. HDTs serve as digital replicas that mirror human charac

[Free Full Text from Publisher](#)

[4 Citations](#)

[71 References](#)

[Related records](#)

[13 Advances in Reconstructive Robotic Microsurgery in the Extremity](#)

[Könneker, S](#); [Watson, JA](#); (...); [Lindenblatt, N](#)

Jan-feb 2025

[JOURNAL OF CRANIOFACIAL SURGERY](#) 36 (1) , pp.354-357

Robotic surgery has emerged as a promising technique for reconstructive procedures, offering potential advantages across various surgical fields.

Following initial case reports on the use of the Symani Surgical System (Medical Microinstruments, S.p.A) for microsurgical anastomosis, the authors evaluated its full potential in extremity reconstruction. They conducted a retrospective analysis of p

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[4 Citations](#)

[22 References](#)

[Related records](#)

14 [Various Vibration Harvesting Techniques for Rotating System: An Overview](#)
[Mahto, PR](#); [Mahato, AC](#); (...); [Tripathi, JP](#)

Jan 2025

[JOURNAL OF VIBRATION ENGINEERING & TECHNOLOGIES](#) 13 (1)

PurposeThe purpose of the study is to provide an overview of various conventional and advanced vibration reduction technologies for rotating machinery and mechanical systems. The vibration may accumulate numerous issues, such as reducing the life of the machine due to the formation of wear and tear, which causes the localization of stress concentration; it may generate unwanted sound, effect th

[Full Text at Publisher](#)

[4 Citations](#)

[187 References](#)

[Related records](#)

15. [Synclastic behavior of auxetic metamaterials](#)

[Jiang, W](#); [Zhang, Y](#); (...); [Ren, X](#)

Mar 1 2025

[ENGINEERING STRUCTURES](#) 326

Synclastic curvature is consistently mentioned in the literature as one of the unique properties of auxetics, but detailed investigations and comparisons are lacking. The study utilized a bench-top testing device and implemented a series of indicators and evaluation methodologies to examine synclastic curvature behavior. Two tests, namely forming and conformity tests, were conducted on three ty

[Full Text at Publisher](#)

[4 Citations](#)

[66 References](#)

[Related records](#)

16. [Musculoskeletal disorders among truck drivers: a systematic review and meta-analysis](#)

[Tahernejad, S](#); [Makki, F](#); (...); [Marzban, H](#)

Nov 13 2024

[BMC PUBLIC HEALTH 24 \(1\)](#)

Background The job of truck driving exposes the drivers to various risk factors of musculoskeletal disorders (MSDs) due to unfavorable working conditions. Hence, this research was conducted to investigate the frequency of MSDs among individuals working as truck drivers.

Materials and methods The present research followed the preferred reporting items for systematic reviews and meta-analys

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[4 Citations](#)

[41 References](#)

[Related records](#)

[17.Ergonomic risks affecting the performance of work-from-home employees in IT industry: a comprehensive analysis](#)

[Kamala, V; Yamini, S and Gajanand, MS](#)

[Feb 3 2025](#)

[INTERNATIONAL JOURNAL OF PRODUCTIVITY AND PERFORMANCE MANAGEMENT](#)

[74 \(2\) , pp.389-408](#)

PurposeThis research paper aims to provide a comprehensive analysis of the ergonomic risks faced by employees in the IT industry who work from home (WFH). With the increasing prevalence of remote work, understanding and addressing ergonomic challenges are crucial to ensure the well-being, productivity and long-term health of IT

professionals.Design/methodology/approachThe data are gathered thro

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[4 Citations](#)

[56 References](#)

[Related records](#)

[18.Collaborative human-centered design of manufacturing tasks: a multi-user immersive VR experience](#)

[Arkouli, Z; Tompoulidis, I; \(...\); Makris, S](#)

[34th Design Conference](#)

[2024](#)

[34TH CIRP DESIGN CONFERENCE 128 , pp.597-602](#)

Work-related musculoskeletal disorders are among the top factors impacting the individual's performance and the overall company's productivity. Virtual Reality (VR) has enabled proactive consideration of human factors. However, there are still barriers impeding the broader adoption of human-in-the-loop approaches, including the number and roles of people involved in simulation stages and the co

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[4 Citations](#)
[20 References](#)
[Related records](#)

19.[Proposal for the Hernia ASCEND Hugo™ RAS training pathway: acquisition of skills by comprehensive exercise-based nimbleness and dexterity training](#)
[Brucchi, F](#); [Vierstraete, M](#); (...); [Muysoms, F](#)

Aug 26 2025

[JOURNAL OF ROBOTIC SURGERY](#) 19 (1)

Robotic-assisted surgery (RAS) is increasingly applied in abdominal wall repair, yet structured, system-specific training remains inconsistent for emerging platforms like Hugo (TM) RAS. Existing literature highlights the need for dedicated curricula addressing system ergonomics, docking workflows, and procedural nuances to ensure safe adoption. The Acquisition of Skills by Comprehensive Exercis

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[3 Citations](#)
[20 References](#)
[Related records](#)

20.[Global burden of low back pain from 1990 to 2021: a comprehensive analysis of risk factors and trends using the Global Burden of Disease Study 2021](#)

[Yang, N](#); [Di, JK](#); (...); [Feng, HY](#)

May 22 2025

[BMC PUBLIC HEALTH](#) 25 (1)

BackgroundThis study comprehensively assesses low back pain-related risk factors and the global burden from a multi-dimensional perspective, aiming to provide scientific evidence for disease prevention.MethodsData from the Global Burden of Disease (GBD) database spanning from 1990 to 2021 were incorporated into this study. We conducted an analysis of baseline data, as well as gender and age sub

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[3 Citations](#)
[38 References](#)
[Related records](#)

Zapytanie wyszukiwawcze w polu Topic: ergonomics_afiliacja: All countries_2025

Poniżej informacja o artykułach, które uzyskały przynajmniej 1 cytowanie
Poniżej informacja o 20 publikacjach, pierwsze na liście wyników

Metadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

1. Bi-objective optimization of human-robot collaborative mixed-model multiple assembly lines considering model assignment and energy consumption

Yilmaz, O; Aydin, N and Kucukkoc, I

Feb 2026

JOURNAL OF COMPUTATIONAL AND APPLIED MATHEMATICS 473

A critical yet often overlooked challenge in mixed-model and multi-line production environments is the model-line assignment problem-deciding which product models should be allocated to which assembly lines. This decision has a profound effect on overall production efficiency, as it directly influences subsequent balancing and scheduling decisions. The integration of collaborative robots (cobot

[View full text](#)

[1 Citation](#)

[82 References](#)

[Related records](#)

2. A multi-objective simulated annealing approach to design ergonomic job rotation schedules: a case study in the automotive assembly line

Isik, S; Dinler, E and Aydemir-Karadağ, A

Dec 31 2025

INTERNATIONAL JOURNAL OF SYSTEMS SCIENCE-OPERATIONS & LOGISTICS 12 (1)

This paper addresses the problem of ergonomic job rotation scheduling. The mathematical model is presented as a multi-objective optimisation problem with ergonomic constraints. Rapid entire body assessment (REBA) is used to evaluate the workload for the model in automotive assembly lines. The proposed job rotation schedule simultaneously reduces time differences between workers, balances the ph

[Full Text at Publisher](#)

[1 Citation](#)

[50 References](#)

[Related records](#)

3. Computer vision syndrome: a comprehensive literature review

Kahal, F; Al Darra, A and Torbey, A

Dec 31 2025

FUTURE SCIENCE OA 11 (1)

Computer Vision Syndrome is a growing health concern in the digital age, with a reported prevalence of 69.0%. It is caused by screen-related, environmental, ergonomic, and physiological factors, affecting diverse demographics. The

COVID-19 pandemic significantly amplified CVS due to increased screen time for remote work, online learning, and social media use, with studies reporting symptoms in

[Free Full Text from Publisher](#)

[1](#) Citation

[61](#) References

[Related records](#)

[4. Technical field-evaluation of exoskeleton-assisted overhead work among carpenters](#)

[Brandt, M](#); [Jacobsen, SS](#); (...); [Jakobsen, MD](#)

Nov 2025

[APPLIED ERGONOMICS](#) 129

Carpenters in construction commonly perform overhead work tasks such as installing ceiling panels, plastering, and formwork. While laboratory studies suggest exoskeletons may reduce strain during such work, their effectiveness in real-life conditions remains uncertain. This randomized cross-over field study investigates the effects of a passive shoulder exoskeleton on muscle activity and kinema

[Free Full Text From Publisher](#)

[1](#) Citation

[38](#) References

[Related records](#)

[5. The bus-ergonomics matrix for comprehensive evaluation of buses and bus drivers' exposure](#)

[Remy, VFM](#); [Antoine, B](#) and [Canu, IG](#)

Oct 2025

[APPLIED ERGONOMICS](#) 128

[Free Full Text From Publisher](#)

[1](#) Citation

[67](#) References

[Related records](#)

[6. Optimized Child-Centered Textile Design for a Soft Robotic Glove in Pediatric Rehabilitation](#)

[Cano, C](#); [Abarca, VE](#); (...); [Elias, DA](#)

Sep 22 2025

[INTERNATIONAL JOURNAL OF TECHNOLOGY](#) 16 (5)

Cerebral palsy, a neurological condition that can affect the mobility and coordination of the upper limbs, presents challenges for the design of functional, comfortable, and emotionally acceptable rehabilitation devices to enhance therapeutic adherence in children. This study presents the

development and optimization of a soft robotic glove specifically designed for the rehabilitation of childr

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[1](#) Citation

[46](#) References

[Related records](#)

7.[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](#)

8.[Personalized Video-Based Hand Taxonomy Using Egocentric Video in the Wild](#)

[Dousty, M](#); [Fleet, DJ](#) and [Zariffa, J](#)

Sep 2025

[IEEE JOURNAL OF BIOMEDICAL AND HEALTH INFORMATICS](#) 29 (9) , pp.6214-6225

Objective: Hand function is central to inter- actions with our environment. Developing a comprehen- sive model of hand grasps in naturalistic environments is crucial across various disciplines, including robotics, ergonomics, and rehabilitation. Creating such a taxonomy poses challenges due to the significant variation in grasping strategies that individuals may employ. For instance, individual

[Full Text at Publisher](#)

[1](#) Citation

[51](#) References

[Related records](#)

9.[Avoiding automation surprise: Identifying requirements to support pilot intervention in automated Uncrewed Aerial Vehicle \(UAV\) flight](#)

[Grindley, B](#); [Phillips, K](#); (...); [Plant, KL](#)

Sep 2025

[APPLIED ERGONOMICS](#)

127 The breadth and depth of Uncrewed Aerial Vehicle (UAV) operations are expanding at a considerable rate. With expansion comes challenges for the design of automation to support decision making. This research takes the perceptual cycle model (PCM) and the derived trust version of the Schema World Action Research Method (TSWARM), to identify the issues and challenges of pilot intervention in UAVs

[View full text](#)

[1](#) Citation

[124](#) References

[Related records](#)

[10. Home as an office: Investigating the associations between indoor environmental quality, well-being, and performance in work-from-home settings](#)

[Manu, S](#) and [Rysanek, A](#)

Sep 1 2025

[BUILDING AND ENVIRONMENT](#)

283 The COVID-19 pandemic has reshaped workplace dynamics, with work-from-home (WFH) becoming widespread, necessitating a deeper understanding of indoor environmental quality (IEQ) in residential settings. This study investigates the interplay of monitored IEQ conditions, perception-based assessments, and non-IEQ contextual factors on well-being and work performance in WFH settings. Ninety-five par

[Free Full Text From Publisher](#)

[1](#) Citation

[70](#) References

[Related records](#)

[11. Psychophysiological impacts of working with powered exoskeletons on construction sites](#)

[Ojha, A](#); [Shayesteh, S](#); (...); [Akanmu, A](#)

Sep 2025

[AUTOMATION IN CONSTRUCTION](#)

177 Powered exoskeletons are aimed at enhancing user strength and minimizing physical strain to prevent workrelated musculoskeletal injuries. However, their widespread adoption within the construction sector remains limited, primarily due to uncertainties about their psychophysiological impacts, such as potential cognitive overload, trust issues, and changes in attention levels. To tackle these con

[Free Full Text From Publisher](#)

[1 Citation](#)

[80 References](#)

[Related records](#)

12. [Advantages of robotic surgery in obese patients with endometrial cancer](#)
[Zaccarini, F](#) and [Falconer, H](#)

Sep 2025

[CURRENT OPINION IN ONCOLOGY](#) 37 (5) , pp.464-469

Purpose of review Endometrial cancer is the most common gynecological cancer among women in high-income countries and the prevalence is projected to increase worldwide because of the obesity epidemic. Surgery is a key step in the management of endometrial cancer. Performing surgery and delivering care to obese patients (BMI ≥ 30 kg/m²) and especially to morbidly obese patients (BMI ≥ 40 kg/m²)

[View full text](#)

[1 Citation](#)

[41 References](#)

[Related records](#)

13. [The Cost of Suffering: Providing Workplace Support for Individuals With Chronic Pain](#)

[Lowe, LD](#) and [Heugly, SK](#)

Aug 2025 (Early Access)

[WORKPLACE HEALTH & SAFETY](#)

This article addresses the significant impact of chronic pain on the workplace, highlighting the substantial economic and human costs. According to a National Health Interview Survey, nearly a quarter of U.S. adults live with chronic pain, with a considerable percentage experiencing limitations in daily life and work. The article discusses how chronic pain negatively affects both employees and

[Full Text at Publisher](#)

[1 Citation](#)

[6 References](#)

[Related records](#)

14. [Effects of prismatic loupes on surgeons' intraoperative physical workload and musculoskeletal discomfort in operating room](#)

[Yang, LY](#); [Fan, XL](#); (...); [Kjellman, M](#)

Aug 2025 (Early Access)

[ERGONOMICS](#)

Previous study showed that surgical prismatic loupes improved surgeon physical workload and neck discomfort in a lab setting. However, there is limited knowledge regarding the effects of prismatic loupes in operating room.

Fifteen surgeons performed two similar operations (median duration of 54 minutes) using prismatic and conventional loupes. The muscle activities and work postures were record

[Free Full Text From Publisher](#)

[1](#) Citation

[50](#) References

[Related records](#)

[15.A Systematic Review on Vision-Based Proactive Human Assembly Intention Recognition for Human-Centric Smart Manufacturing in Industry 5.0](#)

[Ma, DX](#); [Zhang, C](#); (...); [Leng, JW](#)

Aug 15 2025

[IEEE INTERNET OF THINGS JOURNAL](#) 12 (16) , pp.32493-32515

Proactive human-robot collaborative (HRC) assembly has caught great attention as emerging paradigm for flexible mass personalization in manufacturing with respect to Industry 5.0. To realize adaptive and ergonomic collaboration, it is essential to enable robots recognize human assembly intention based on context-aware information precisely at edge side with Industrial Internet of Things, also k

[Full Text at Publisher](#)

[1](#) Citation

[171](#) References

[Related records](#)

[16.Occupational biomechanical risk factors for carpal tunnel syndrome surgery: a prospective cohort study on 203 866 Swedish male construction workers followed for 19 years](#)

[Stjernbrandt, A](#); [Liv, P](#); (...); [Wahlström, J](#)

Jun 2025

[OCCUPATIONAL AND ENVIRONMENTAL MEDICINE](#) 82 (6) , pp.263-269

Objectives To prospectively determine the association between occupational biomechanical exposures and the incidence of surgically treated carpal tunnel syndrome (CTS) in Swedish male construction workers.Methods A cohort of 203 866 Swedish male construction workers who participated in a national occupational health surveillance programme between 1971 and 1993 were followed for CTS surgery betw

[Free Full Text From Publisher](#)

[1](#) Citation

[37](#) References

[Related records](#)

[17.Human body area view factors for radiative heat transfer: Influence of body region, shape, and posture](#)

[Kocik, S](#); [Psikuta, A](#) and [Ferdyn-Grygierek, J](#)

Aug 1 2025

[BUILDING AND ENVIRONMENT](#) 281

The study investigates the radiative heat transfer properties of the human body by analysing its whole-body and local area view factors. At the same time, the influence of body shape (slim, regular, overweight) and posture (standing, sitting, sitting on a chair with bent elbows) is considered. Using the Radiance software, detailed simulations were conducted to derive area view factors for the w

[Free Full Text From Publisher](#)

[1](#) Citation

[44](#) References

[Related records](#)

18. [Validating force-estimating insoles for calculating centre of pressure and vertical ground reaction forces during occupational tasks](#)

[Davidson, JB](#); [Larson, DJ](#); (...); [Fischer, SL](#)

Jul 2025 (Early Access)

[ERGONOMICS](#)

Force estimating insoles offer a mobile alternative to in-ground force plates for measuring ground reaction forces (GRFs) and centre of pressure (CoP) in occupational settings. However, their validity in measuring GRFs for occupational tasks has yet to be validated and CoP estimation approach has yet to be developed. This study developed this method for a three-compartment force estimating inso

[Full Text at Publisher](#)

[1](#) Citation

[27](#) References

[Related records](#)

19. [Empowering non-designers with tangible tools for divergent thinking](#)

[Lesage, A](#); [Bourdeau, S](#); (...); [Léger, PM](#)

Jul 2025 (Early Access)

[ERGONOMICS](#)

Design Thinking (DT) has emerged as a pivotal approach harnessed by professionals across domains beyond traditional design practices. To reap its benefits, designers rely on sketching, but non-designers hesitate to do so. This paper investigates an alternative tool to engage non-designers effectively in the design process. A comparative study was conducted, juxtaposing the use of pen & paper ag

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[83](#) References

[Related records](#)

[20.Low-Cost Augmented Reality System in Endoscopic Spine Surgery: Analysis of Surgeon Ergonomics, Perceived Workload and A Step-by-Step Guide for Implementation](#)

[Van Isseldyk, F](#); [Chavalparit, P](#); (...); [Kim, JS](#)

Jul 2025 (Early Access)

[GLOBAL SPINE JOURNAL](#)

Study Design Prospective controlled study.**Objectives** To evaluate the impact of an augmented reality (AR) visualization system on surgeon workload and ergonomics during endoscopic spine surgery, compared to conventional display monitors.**Methods** Ten experienced endoscopic spine surgeons (five neurosurgeons and five orthopedic surgeons; mean age 54 years) each performed 20 surgeries: the first 10

[Free Full Text from Publisher](#)

[1 Citation](#)

[29 References](#)

[Related records](#)

W obiegu naukowym co jakiś czas powracają pytania o to, czy publikacje Open Access mają wpływ na wskaźniki cytowań. Ponieważ nie ma jednoznacznej odpowiedzi, poniżej zamieszczono zestawienie tytuły czasopism zindeksowanych w WoS CC jako Open Access – uzyskane w wyniku (ergonomics_All countries_2025) wraz z liczbą publikacji, która się ukazała w 2025 roku:

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Zapytanie wyszukiwawcze w WoS CC: ergonomics
2025 Poland

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Data wyszukiwania: 9.10.2025.

Biorąc pod uwagę wszystkie 35 publikacji z 2025 roku – poniżej zaprezentowano zestawienia informacji uzyskanych za pomocą narzędzia: **Analyze Results**_Analiza wyników

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- 15 krajów - afiliacja autorów z najwyższą liczbą publikacji
- 15 afiliacji – instytucji z najwyższą liczbą publikacji

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Data wyszukiwania: 9.10.2025.

Analyze Results – Analiza wyników

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Data wyszukiwania: 9.10.2025.

Zapytanie: ergonomics _ WoS CC_2025_Poland

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Wynik = 2 rekordy

Metadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

1 Smart Glove: A Cost-Effective and Intuitive Interface for Advanced Drone Control

Randieri, C; Pollina, A; (...); Napoli, C

Feb 2025

DRONES 9 (2)

Recent years have witnessed the development of human-unmanned aerial vehicle (UAV) interfaces to meet the growing demand for intuitive and efficient solutions in UAV piloting. In this paper, we propose a novel Smart Glove v 1.0 prototype for advanced drone gesture control, leveraging key low-cost components such as Arduino Nano to process data, MPU6050 to detect hand movements, flexible sensors

[Free Full Text from Publisher](#)

[3 Citations](#)

[35 References](#)

[Related records](#)

[2 Statistical Parametric Mapping Differences in Muscle Recruitment Patterns Between Comfort- and Performance-Oriented Saddle Positions](#)

[Winiarski, S](#); [Kubiak, A](#) and [Paluszak, A](#)

Jan 2025

[APPLIED SCIENCES-BASEL](#) 15 (2)

Featured Application This study demonstrates the use of EMG analysis combined with a personalised bike-fitting method to improve rider comfort and muscle efficiency for urban cyclists. The findings highlight the potential of this approach to optimise cycling ergonomics and reduce musculoskeletal strain, with possible future applications in clinical and recreational settings.

Abstract This study

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[2 Citations](#)

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[Related records](#)

Zapytanie: ergonomics _ WoS CC_2025_Poland

Poniżej informacja o artykułach, które uzyskały 1 cytowanie.

Wynik = 5 rekordów

Matadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

[1. Human body area view factors for radiative heat transfer: Influence of body region, shape, and posture](#)

[Kocik, S](#); [Psikuta, A](#) and [Ferdyn-Grygierek, J](#)

Aug 1 2025

[BUILDING AND ENVIRONMENT](#) 281

The study investigates the radiative heat transfer properties of the human body by analysing its whole-body and local area view factors. At the same time, the influence of body shape (slim, regular, overweight) and posture (standing, sitting, sitting on a chair with bent elbows) is considered. Using the Radiance software, detailed simulations were conducted to derive area view factors for the w

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[1 Citation](#)

[44 References](#)

[Related records](#)

[2. Ergonomics/Human Factors in the Era of Smart and Sustainable Industry: Industry 4.0/5.0](#)

[Plaza, G](#); [Kabiesz, P](#); (...); [Jamil, T](#)

Jun 1 2025

[MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING](#)

33 (2) , pp.229-238

The three primary branches of ergonomics/human factors (E/HF), concentrate on the physical, cognitive, and organizational dimensions, have developed over time. Generally, E/HF is the scientific discipline concerned with the design and arrangement of work environments, systems, and products to fit the physical, cognitive, and emotional needs of the people who use them. The goal of E/HF is to opt

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[1 Citation](#)

[57 References](#)

[Related records](#)

[3. Robot-assited vs. laparoscopic Nissen fundoplication in children: an updated meta-analysis with systematic literature review](#)

[Klimeczek-Chrapusta, M](#); [Stolarz, K](#); (...); [Górecki, W](#)

May 6 2025

[JOURNAL OF ROBOTIC SURGERY](#) 19 (1)

This updated meta-analysis with systematic review aimed to enhance the understanding of robotics in surgical GERD treatment by comparing the reliability and efficacy of two surgical approaches for Nissen fundoplication in pediatric patients: conventional laparoscopy (LNF- laproscopic Nissen fundoplication) and robot-assisted laparoscopy (RNF- robotic Nissen fundoplication). RF has gained increa

[Full Text at Publisher](#)

[1 Citation](#)

[21 References](#)

[Related records](#)

[4. DIGITAL TWIN CONCEPT FOR MANUAL WASTE SORTING MANAGEMENT](#)

[Giel, R](#) and [Dabrowska, A](#)

2025

[ENVIRONMENT PROTECTION ENGINEERING](#) 51 (1) , pp.65-74

In recent years, increasing attention has been given to waste management. It is mainly related to the promotion of the Circular Economy as a key policy objective in the EU. The aim is to shift from a linear approach to a circular one,

which is based on reuse and recycling. To enable recycling, it is necessary to separate waste mixtures into different fractions. Therefore, it is crucial to consi

[Full Text at Publisher](#)

[1 Citation](#)

[25 References](#)

[Related records](#)

[5. Health behaviours and work-related musculoskeletal pain among Polish physiotherapists and nurses](#)

[Kuligowski, T](#); [Kowalewska, K](#); (...); [Cieslik, B](#)

Jan 2025

[WORK-A JOURNAL OF PREVENTION ASSESSMENT & REHABILITATION](#) 80 (1)
, pp.375-382

BACKGROUND: Physiotherapists and nurses play crucial roles in healthcare, often requiring them to adopt physically demanding positions. However, these positions can lead to joint stress and an increased risk of injury, as well as work-related musculoskeletal disorders (WRMSDs). These disorders can significantly impact the performance of their duties, which can negatively affect patient recovery

[Full Text at Publisher](#)

[1 Citation](#)

[31 References](#)

[Related records](#)

Zapytanie: ergonomics _ WoS CC_2025_Poland

Poniżej informacja o artykułach, które nie zostały zacytowane

Wynik = 28 rekordów

Matadane i abstrakty pochodzą z bazy WoS CC (Clarivate Analytics).

[1. Correspondence between pelvic and ankle kinematics and wobble board tilt at bipedal stance - balance strategy in middle-aged women](#)

[Szczerbik, E](#) and [Syczewska, M](#)

Oct 2025

[JOURNAL OF BODYWORK AND MOVEMENT THERAPIES](#)

44 , pp.106-115

Introduction: Wobble boards are used in recreation, therapy, and ergonomics. Research is needed to determine the optimal control strategy in double-leg standing. The previous study concluded that pelvic and ankle range of motion in planes influence balance scores differently. So, this study aimed to assess the correspondence between temporary pelvic and ankle kinematics and board tilt.
Methods:

[Free Full Text From Publisher](#)

[42](#) References

[Related records](#)

[2. Ergonomic stress and surgical performance of general surgeons: a cross-sectional comparison of laparoscopic and open procedures](#)

[Serag, I](#); [Sarhan, MY](#); (...); [Abu-Jeyyab, M](#)

Sep 5 2025

[LANGENBECKS ARCHIVES OF SURGERY](#) 410 (1)

BackgroundSurgeons are actively seeking ways to enhance operating room ergonomics. A comprehensive report on surgeon job-related disease and injuries could raise awareness, encourage workplace improvements, and emphasize the importance of ergonomic practices such as body posture awareness, appropriate operating room setup, and exercise to lessen discomfort and improve general health.PurposeTo a

[Free Full Text From Publisher](#)

[16](#) References

[Related records](#)

[3. 5S Method Usage for the Improvement of Production Process in the Manufacturing Company](#)

[Oleksiak, B](#); [Zyszczyński, M](#) and [Micor, K](#)

Sep 1 2025

[MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING](#)

33 (3) , pp.354-361

In the face of growing competition and dynamically changing market requirements, manufacturing companies are forced to continuously improve their processes, increase operational efficiency and reduce costs. The key factor enabling the achievement of these goals is the implementation of organizational tools supporting work optimization. The aim of this study was to analyze the possibilities of i

[Free Full Text from Publisher](#)

[24](#) References

[Related records](#)

[4. Fuzzy Logic-Based Expert Evaluation of Tram Driver's Console Fidelity in a Universal Simulator](#)

[Wolniewicz, L](#) and [Mardeusz, E](#)

Aug 16 2025

[APPLIED SCIENCES-BASEL](#) 15 (16)

Simulators are an effective tool for improving tram driver training. In urban rail transportation, the fidelity of reproducing the driver's working environment is crucial due to the high diversity of vehicle models. This study presents a structured

assessment model for evaluating the mapping of a tram driver's console in a universal simulator. The model is based on expert judgment and utilizes

[Free Full Text from Publisher](#)

[38](#) References

[Related records](#)

5. Acceptance and feasibility of an augmented reality-based navigation system with optical tracking for percutaneous procedures in interventional radiology - a simulation-based phantom study

[Rohmer, K](#); [Becker, M](#); (...); [Pech, M](#)

Aug 2025

[ROFO-FORTSCHRITTE AUF DEM GEBIET DER RONTGENSTRAHLEN UND DER BILDGEBENDEN VERFAHREN](#)

197 (08) , pp.936-944

Purpose Augmented reality (AR) projects additional information into the user's field of view during interventions. The aim was to evaluate the acceptance and clinical feasibility of an AR system and to compare users with different levels of experience. A system was examined that projects a CT-generated 3D model of a phantom into the field of view using a HoloLens 2, whereby the tracked needle i

[Full Text at Publisher](#)

[19](#) References

[Related records](#)

6. Flexible Ureteroscopy and Laser Lithotripsy Using a Flexible and Navigable Ureteral Access Sheath Are Equally Safe and Effective whether Done in a Sitting or a Standing Position: A Multicenter Study by European Association of Urology-Endourology and the Flexible and Navigable Suction Access Sheath Collaborative Group

[Fong, KY](#); [Somani, B](#); (...); [Gauhar, V](#)

Aug 1 2025

[JOURNAL OF ENDOUROLOGY](#) 39 (8) , pp.841-848

Introduction: Flexible ureteroscopy (FURS) using the flexible and navigable suction ureteral access sheath (FANS) is a novel technique for treatment of kidney stones. We aimed to compare outcomes of FURS with FANS in the sitting vs standing position. Patients and Methods: We analyzed adult patients from 21 centers who underwent FURS with FANS, divided according to whether the surgeon operated i

[View full text](#)

[23](#) References

[Related records](#)

7. Flexible robotic platforms for surgical applications in microgravity environments: a comprehensive systematic review of minimally invasive mechatronic systems and the impact of artificial intelligence on behalf of the

[Center for Space Systems \(C-SET\) & TROGSS-The Robotic Global Surgical Society](#)

[Macias, CA](#); [Goyal, A](#); (...); [Oviedo, RJ](#)

Jul 24 2025

[JOURNAL OF ROBOTIC SURGERY](#)

19 (1)

The advent of minimally invasive surgery (MIS) in the 1990s marked a transformative shift in surgical practice, leveraging advanced robotic-assisted systems (RAS) for enhanced precision, dexterity, and improved patient outcomes. Over the past two decades, the surgical field has expanded from a handful of platforms to over 20 commercially available systems, some of them with artificial intelligence

[Full Text at Publisher](#)

[107](#) References

[Related records](#)

[8. Ergonomics and Endoscopy-Related Injuries Among Endoscopists and Endoscopy Nurses. Results of International Multicenter Survey](#)

[Tejedor-Tejada, J](#); [Sanchez-Sanmamed, L](#); (...); [Pérez-Pariente, JM](#)

Jul 2025 (Early Access)

[JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY](#)

Background and Aim: The aim was to determine the prevalence, risk factors, and patterns of endoscopy-related injury (ERI) and the knowledge of ergonomics. Methods: A multicenter, international, cross-sectional study was conducted using a 21-item electronic survey to investigate ERI. The study included 484 (67.8%) endoscopists and 230 (32.2%) endoscopy nurses from 91 centers. Results: A total of

[View full text](#)

[30](#) References

[Related records](#)

[9. Application of Surface Electromyography \(sEMG\) in the Analysis of Upper Limb Muscle Activity in Women Aged 50+ During Torqway Riding](#)

[Beczowska, SA](#); [Grabarek, I](#) and [Zysk, Z](#)

Jul 9 2025

[SENSORS](#)

25 (14)

The aim of this study was to analyze the activation of selected upper limb muscles. For the purposes of this article, we present results concerning the following muscles: triceps brachii, anterior and posterior deltoid, and trapezius in women aged 50 and above during simulated riding of the Torqway device, using surface electromyography (sEMG). The primary objective was to compare muscle activation

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[54](#) References

[Related records](#)

10. [**New Luddites? Counterproductive Work Behavior and Its Correlates, Including Work Characteristics, Stress at Work, and Job Satisfaction Among Employees Working With Industrial and Collaborative Robots**](#)

[Pollak, A](#); [Biolik, E](#) and [Chudzicka-Czupala, A](#)

Jul 2025

[HUMAN FACTORS AND ERGONOMICS IN MANUFACTURING & SERVICE INDUSTRIES](#)

35 (4)

Human-robot interaction (HRI) is integral to Industry 4.0, yet its psychological aspects remain insufficiently explored. In particular, relatively little is known about differences in the organizational and individual factors contributing to counterproductive work behaviors (CWB) among employees working with industrial robots and collaborative robots (cobots). This deficiency highlights the need

[Full Text at Publisher](#)

[129](#) References

[Related records](#)

11. [**CFD modeling of heat transfer through composites for protective gloves containing aerogel and Parylene C coatings supported by micro-CT and thermography**](#)

[Miskiewicz, P](#); [Puszkarz, AK](#) and [Nosal, A](#)

Jun 24 2025

[AUTEX RESEARCH JOURNAL](#) 25 (1)

The research presented in this article concerns the modeling of physical processes occurring in protective clothing that determine the ergonomics and thermal balance between its user and the work environment. In the first part, three-dimensional models of real composites based on cotton fabrics and aerogel were designed using the original method of Parylene C deposition in the chemical vapour d

[Free Full Text from Publisher](#)

[57](#) References

[Related records](#)

12. [**Integrating Motion Capture Technology into Ergonomics Design: Managerial Implications for Systemic Safety Management**](#)

[Butlewski, M](#); [Czernecka, W](#) and [Zembik, M](#)

Jun 2025

[TEHNICKI GLASNIK-TECHNICAL JOURNAL](#) 19 , pp.49-54

In the era of increasing attention to ergonomic work organization (which also affects employee safety), ways are being sought to improve and detail ergonomic analyses aimed at proposing ways to improve working conditions. One such method may be the use of Mo-Cap technology, which allows for examining the position of employee body segments while performing key activities at work. The findings are

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[21](#) References

[Related records](#)

13. [**Designing ergonomic machine control panels with consideration for dimensional allowances of protective gloves**](#)

[Szkudlarek, J](#); [Zagrodny, B](#) and [Rochminski, J](#)

May 2025 (Early Access)

[INTERNATIONAL JOURNAL OF OCCUPATIONAL SAFETY AND ERGONOMICS](#)

The study highlights the aspect of ergonomic control panel design for devices, taking into account the additional dimensions resulting from the use of Personal Protective Equipment (PPE) during their operation. Analysis of theoretical and experimental research on existing control panels highlights the need for design guidelines based on dimensional allowances, particularly from protective glove

[Full Text at Publisher](#)

[19](#) References

[Related records](#)

14. [**Analysis of the Impact of Vibrations on the Driver of a Motor Vehicle**](#)

[Konieczny, L](#); [Fabis, P](#); (...); [Kilikevicius, A](#)

May 14 2025

[APPLIED SCIENCES-BASEL](#) 15 (10)

Vibration can have a significant impact on long-term health, driver comfort, and vehicle performance. With a focus on steering wheel vibrations, this study examines both general and local vibrations that affect the driver. Under real-world conditions, a series of controlled test drives were conducted, with high-precision accelerometers mounted on the driver's seat and steering wheel recording v

[Free Full Text from Publisher](#)

[55](#) References

[Related records](#)

15. [**Optimizing Pediatric Chest Compressions: A Randomized Crossover Simulation Trial of Over-the-Head vs. Lateral Techniques**](#)

[Kietlinska, M](#); [Wieczorek, W](#); (...); [Tomaszewska, M](#)

Apr 8 2025

[PEDIATRIC REPORTS](#)

17 (2)

Background/Objectives: Pediatric cardiac arrest poses considerable obstacles, with survival rates markedly inferior to those of adults. Effective chest compressions are essential for enhancing outcomes; nevertheless, the ideal rescuer attitude is still ambiguous. This study sought to compare the efficacy of lateral (LAT) and over-the-head (OTH) chest compression techniques in pediatric cardiopu

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[26](#) [References](#)

[Related records](#)

16. [Ergonomics of the TMS system in the context of the efficiency of the freight forwarder work-the example of TMS AndSoft](#)

[Gala, D](#); [Kurowski, M](#) and [Szudra, P](#)

Mar 2025

[ACTA LOGISTICA](#)

12 (1) , pp.63-76

The subject of consideration is to discuss key aspects related to the ergonomics and efficiency of IT systems, particularly in the context of Transport Management Systems (TMS). TMS supports the planning, control, analysis and optimization of flow processes, which translates to better technical resource management and cost reduction. Ergonomic design of IT systems aims to create intuitive and ea

[Free Full Text from Publisher](#)

[24](#) [References](#)

[Related records](#)

17. [Comparative Study of Selected Order-Picking Methods: Efficiency, Ergonomics, and Adaptation Rate of New Employees](#)

[Lopuszynski, M](#); [Janusz, K](#) and [Karwat, D](#)

Feb 2025

[SENSORS](#) 25 (3)

The human manual order-picking process in the warehouse is still the leading method despite increasing automation. This manual process is supported by indicating and receipt systems to reduce the order-picking time and the number of errors. Many studies in the literature compare the Pick-by-Light system with the Pick-by-Paper and other systems, and it is more challenging to study the Pick-by-Po

[Free Full Text from Publisher](#)

[17](#) [References](#)

[Related records](#)

18. [Evaluating the Role of Robotic Surgery Gastric Cancer Treatment: A Comprehensive Review by the Robotic Global Surgical Society \(TROGSS\) and European Federation International Society for Digestive Surgery \(EFISDS\) Joint Working Group](#)

[Marano, L](#); [Cwalinski, T](#); (...); [Vashist, Y](#)

Feb 2025

[CURRENT ONCOLOGY](#) 32 (2)

Introduction: Robot-assisted minimally invasive gastrectomy (RAMIG) represents a significant advancement in the surgical management of gastric cancer, offering superior dexterity, enhanced visualization, and improved ergonomics compared to

laparoscopic gastrectomy (LG). This review systematically evaluates the current evidence on perioperative outcomes, oncological efficacy, learning curves, and

[Free Full Text from Publisher](#)

[167](#)

References

[Related records](#)

19. [Central transport hub: Analysis of ground and airspace environments](#)

[Nowoczyn, T](#) and [Specht, M](#)

2025

[ADVANCES IN SCIENCE AND TECHNOLOGY-RESEARCH JOURNAL](#)

19 (9) , pp.171-188

The planned central transport hub (CPK - Centralny Port Komunikacyjny) is a response to the dynamic increase in the number of air transport operations in Poland and the region of Central and Eastern Europe. Like any other airport in the world, the modern international hub will operate in a local environment. Its surroundings will undoubtedly exert an impact on the air traffic using the airport.

[Free Full Text from Publisher](#)

[43](#) References

[Related records](#)

20. [Efficient File-Naming Convention for Data Exchange in Construction Industry](#)

[Pasalski, J](#); [Owerko, T](#); (...); [Czerw, K](#)

2025

GEOMATICS AND ENVIRONMENTAL ENGINEERING 19 (2) , pp.99-129

This paper aims to find common and universal naming convention for files to allow for the efficient exchange of data within the construction industry. Since building information management (BIM) has become a norm on the market and new technologies are rapidly driving the concept, there is a noticeable lack of unification in the deliveries of projects. The analysis focuses on exploring the most

[Free Full Text from Publisher](#)

[43](#) References

[Related records](#)

21. [A Sensory Glove With a Limited Number of Sensors for Recognition of the Finger Alphabet of Polish Sign Language](#)

[Piskozub, J](#) and [Strumillo, P](#)

2025

[IEEE ACCESS](#)

13 , pp.28408-28418

Existing data glove designs are fitted with multiple sensors. This is because existing designs often prioritize accuracy at the cost of ergonomics, accessibility, and

affordability. This paper addresses this gap by building a model of a novel sensory glove with a reduced number of sensors and using machine learning paradigms in experiments to maximize gesture recognition performance. Usability

[Free Full Text from Publisher](#)

[28](#) References

[Related records](#)

22. [**NURSES' ASSESSMENT OF WORKING CONDITIONS IN THE OPERATING THEATER**](#)

[Sierpinska, LE](#); [Comber, E](#) and [Kozestanska-Oczkowska, M](#)

2025

[ACTA NEUROPSYCHOLOGICA](#)

23 (1) , pp.69-84

In the work of nurses within an operating suite, there are many determinants conditioning the effective and safe work of scrub nurses during surgical procedures. Safety and quality of care depend on the organizational efficiency of scrub nurses in an operating room. The aim of this study was to identify and understand the factors influencing the work of nurses within the operating suite. The st

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[28](#) References

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23. [**Evolution of Factors Hindering Innovation Adoption by Residential Developers in Poland**](#)

[Sitek, M](#)

2025

[EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT](#)

14 (2) , pp.207-220

Innovations in the real estate market stimulate pro-ecology, energy efficiency, ergonomics and renewable energy sources. They make economies develop by creating increasingly better conditions for people, thus contributing to the increase in the competitive position of regions and stimulating sustainable development. The aim of the article is to identify factors influencing the counteraction of

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[Related records](#)

24. [**Tire Deformation-Based Regulation of Braking Torque in Manual Wheelchairs Equipped with Reverse Locking Modules**](#)

[Wieczorek, B](#); [Wargula, L](#) and [Giedrowicz, M](#)

2025

[PLOS ONE](#) 20 (6)

Moving in a manual wheelchair involves overcoming various architectural and terrain barriers. One of the obstacles that most burdens the muscular system and generates a high risk of instability is the climb up a slope. This article presents a comprehensive regulation method that allows for achieving the desired braking torque of the locking module based solely on tire deformation measurements,

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

[51](#) References

[Related records](#)

25. [**From Motion to Prevention: Evaluating Ergonomic Risks of Asymmetrical Movements and Worker Well-Being in an Assembly Line Work**](#)

[Winiarski, S](#); [Molek-Winiarska, D](#) and [Chomatowska, B](#)

Jan 2025

[APPLIED SCIENCES-BASEL](#) 15 (2)

(1) Background: This study examines the association between asymmetrical movements of an assembly line and machining workers and their overall well-being. The primary aim is to quantify the extent to which asymmetrical movements serve as predictors of work-related musculoskeletal disorders (WMSDs) among these workers and their overall well-being. The study emphasises the predictive relationship

[Free Full Text from Publisher](#)

[52](#) References

[Related records](#)

26. [**A Python code for simulations of RHEED intensity oscillations within the one-dimensional dynamical approximation**](#)

[Daniluk, A](#); [Daniluk, B](#) and [Wójcik, GM](#)

Mar 2025

[COMPUTER PHYSICS COMMUNICATIONS](#)

308

We present a Python-based implementation of a practical procedure of construction of simulation program, which facilitates the calculation of changes to the intensity of RHEED oscillations in the function of the glancing angle of incidence of the electron beam, employing various models of crystal potential for heteroepitaxial structures including the possible existence of various diffuse scatter

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[5](#) References

[Related records](#)

27. [**Parametric evaluation as a tool for evaluating shell geodesic domes. Modelling the Fuller Dome with ReSa mobile recreational facility panels.**](#)

[Berbesz, A](#); [Sadowski, K](#) and [Onyszkiewicz, J](#)

2024

[ARCHIVES OF CIVIL ENGINEERING](#)

70 (4) , pp.163-185

Mobile structures are one of directions of shaping recreational facilities. In terms of their geometry, geodesic domes and quasi-dome systems deserve special attention. Panel shell domes were the subject of consideration, e.g. Buckminster Fuller and David Geiger, whose patent solutions are referred to in the article. Combining a system of layered self-supporting panels with the geometry of geod

[Free Full Text from Publisher](#)

[34](#) References

[Related records](#)

28.Using Augmented Reality for Training Computer Workstation Ergonomic Issues: An Exploratory Project

[Raposo, R](#); [Vairinhos, M](#); (...); [Kaminska, D](#)

[7th International Conference on Design and Digital Communication](#)

2024

ADVANCES IN DESIGN AND DIGITAL COMMUNICATION IV, DIGICOM 2023 35 , pp.3-14

The number of hours dedicated to working at a desk and in front of a computer is gradually taking its toll on millions of people. It has drastically increased the number of health issues associated with this study and work habits. The ATOMIC project, presented in this paper, explores the use of Virtual Reality and Augmented Reality solutions for training and teaching activities in a diverse arr

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[27](#) References

[Related records](#)

W obiegu naukowym co jakiś czas powracają pytania o to, czy publikacje Open Access mają wpływ na wskaźniki cytowań. Ponieważ nie ma jednoznacznej odpowiedzi, poniżej zamieszczono zestawienie 18 tytułów czasopism – uzyskanych w wyniku (ergonomics_Poland_2025) wraz z liczbą publikacji, która się ukazała w 2025 roku:

1. APPLIED SCIENCES BASEL 4
2. ACTA LOGISTICA 2
3. MANAGEMENT SYSTEMS IN PRODUCTION ENGINEERING 2
4. SENSORS 2
5. ADVANCES IN SCIENCE AND TECHNOLOGY RESEARCH JOURNAL 1
6. AUTEX RESEARCH JOURNAL 1
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8. CURRENT ONCOLOGY 1
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10. EUROPEAN JOURNAL OF SUSTAINABLE DEVELOPMENT 1
11. GEOMATICS AND ENVIRONMENTAL ENGINEERING 1

12. IEEE ACCESS 1
13. JOURNAL OF BODYWORK AND MOVEMENT THERAPIES 1
14. LANGENBECKS ARCHIVES OF SURGERY 1
15. MEDYCYNĄ PRACY WORKERS HEALTH AND SAFETY 1
16. PEDIATRIC REPORTS 1
17. PLOS ONE 1
18. TEHNICKI GLASNIK TECHNICAL JOURNAL 1

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.

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Zaprezentowane w zestawieniu publikacje:

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☒ Applied Ergonomics	66
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☒ Lecture Notes in Mechanical Engineering	50
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Zapytanie: ergonomics _ Scopus_2025_All countries

Poniżej informacja o artykułach, które zostały zacytowane więcej niż 1 raz

Wynik = 2524 rekordy

Poniżej 20 rekordów – pierwsze na liście w uzyskanych wynikach

1.An assessment of South African airlines' growth in the era of Fourth Industrial Revolution technologies: the unexplored dimension
Journal of Facilities Management, 23(1), pp. 19–33
2025
Citation 24

2.Benefits and challenges of wearable safety devices in the construction sector
Smart and Sustainable Built Environment, 14(1), pp. 50–71 2025
Citation 20

3.Human Factors and Ergonomics in Industry 5.0—A Systematic Literature Review
Applied Sciences Switzerland, 15(4), 2123 2025
Citation 17

4. An intelligent hybrid-fabric wristband system enabled by thermal encapsulation for ergonomic human-machine interaction
Nature Communications, 16(1), 591 2025
Citation 13
5. Comparison of active and passive back-support exoskeletons for construction work: range of motion, discomfort, usability, exertion and cognitive load assessments
Smart and Sustainable Built Environment, 14(3), pp. 582–598 2025
Citation 13
6. A Comprehensive Review of AI-Based Digital Twin Applications in Manufacturing: Integration Across Operator, Product, and Process Dimensions
Electronics Switzerland, 14(4), 646 2025
Citation 12
7. Ergonomic workplace design based on real-time integration between virtual and augmented realities
Robotics and Computer Integrated Manufacturing, 92, 102859 2025
Citation 11
8. A human digital twin approach for fatigue-aware task planning in human-robot collaborative assembly
Computers and Industrial Engineering, 200, 110774 2025
Citation 10
9. The Chartered Institute of Ergonomics and Human Factors at 75: perspectives on contemporary challenges and future directions for Ergonomics and Human Factors
Ergonomics, 68(6), pp. 759–775 2025
Citation 10
10. Advancements in AI-enhanced collaborative robotics: towards safer, smarter, and human-centric industrial automation
Results in Engineering, 27, 105704 2025
Citation 9
11. Smart Glove: A Cost-Effective and Intuitive Interface for Advanced Drone Control
Drones, 9(2), 109 2025
Citation 9
12. Exploring Human–AI Dynamics in Enhancing Workplace Health and Safety: A Narrative Review
International Journal of Environmental Research and Public Health, 22(2), 199 2025
Citation 9
13. Towards Human-Centric Manufacturing: Exploring the Role of Human Digital Twins in Industry 5.0

Sustainability Switzerland, 17(1), 129 2025
Citation 9

14.A systematic literature review of computer vision-based biomechanical models for physical workload estimation
Ergonomics, 68(2), pp. 139–162
2025
Citation 9

15.Gaze Sharing, a Double-Edged Sword: Examining the Effect of Real-Time Gaze Sharing Visualizations on Team Performance and Situation Awareness
Human Factors, 67(3), pp. 196–224 2025
Citation 8

16.Examining the Use of Intelligent Conversational Voice-Assistants for Improved Mobility Behavior of Older Adults in Smart Cities
International Journal of Human Computer Interaction, 41(7), pp. 3867–3888 2025
Citation 8

17.Optimizing Large Language Models: A Deep Dive into Effective Prompt Engineering Techniques
Applied Sciences Switzerland, 15(3), 1430 2025
Citation 7

18.Analyzing resilient performance of workers with multiple disturbances in production systems
Applied Ergonomics, 122, 104391 2025
Citation 7

19.Recent Trends in Soft Robotics for Assistive Technologies
Assistive Technology Solutions for Aging Adults and Individuals with Disabilities, pp. 119–143 2025
Citation 7

20.Safety Compliant, Ergonomic and Time-Optimal Trajectory Planning for Collaborative Robotics
IEEE Transactions on Automation Science and Engineering, 22, pp. 594–605 2025
Citation 7

W nawiązaniu do zaprezentowanych w wynikach publikacji, które ukazały się w czasopismach Open Access – w których ukazał się publikacje z zakresu ergonomii - poniżej zamieszczono zestawienie 67 tytułów czasopism – uzyskanych w wyniku (ergonomics_All countries_2025) wraz z liczbą publikacji, która się w nich ukazała w 2025 roku, w których opublikowano co najmniej 3 artykuły:

1. Applied Sciences Switzerland 28
2. Sensors 23
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4. IFAC Papersonline 20
5. Ergonomics 16

6. Human Factors 16
7. Scientific Reports 14
8. Plos One 13
9. IEEE Access 12
10. International Journal of Industrial Ergonomics 12
11. Sustainability Switzerland 11
12. Procedia CIRP 10
13. Procedia Computer Science 10
14. Conference on Human Factors in Computing Systems Proceedings 9
15. Human Factors and Ergonomics in Manufacturing and Service Industries 9
16. BMC Public Health 8
17. Journal of Robotic Surgery 8
18. BMC Musculoskeletal Disorders 7
19. Human Factors in Healthcare 7
20. International Journal of Occupational Safety and Health 7
21. Journal of Clinical Medicine 7
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23. Lecture Notes in Mechanical Engineering 7
24. Healthcare Switzerland 6
25. Indian Journal of Occupational and Environmental Medicine 6
26. International Journal of Environmental Research and Public Health 6
27. Surgical Endoscopy 6
28. Bioengineering 5
29. Buildings 5
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33. International Journal on Interactive Design and Manufacturing 4
34. Iop Conference Series Earth and Environmental Science 4
35. Journal of Physics Conference Series 4
36. Medicina Del Lavoro 4
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51. Frontiers in Public Health 3
52. Frontiers in Robotics and AI 3
53. Health Science Reports 3
54. International Conference on Computer Supported Education Csedu Proceedings 3

- 55. Journal of Asian Architecture and Building Engineering 3
- 56. Journal of Manufacturing Systems 3
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- 60. Laryngoscope 3
- 61. Machines 3
- 62. Safety Science 3
- 63. Scandinavian Journal of Work Environment and Health 3
- 64. Systems 3
- 65. Tehnicki Glasnik 3
- 66. Work 3
- 67. World Neurosurgery 3

(TITLE-ABS-KEY (ergonomics) AND AFFILCOUNTRY (Poland)) AND PUBYEAR = 2025

42 documents found

Zapytanie: ergonomics _ Scopus_2025_Poland

Poniżej informacja o artykułach, które zostały zacytowane więcej niż 1 raz

Wynik = 42 rekordy

Poniżej 6 rekordów, które uzyskały więcej niż 1 cytowanie

1. Smart Glove: A Cost-Effective and Intuitive Interface for Advanced Drone Control Drones, 9(2), 109 2025
Citations 9

2. Exploring Human–AI Dynamics in Enhancing Workplace Health and Safety: A Narrative Review
International Journal of Environmental Research and Public Health, 22(2), 199 2025
Citations 9

3. Squeeze and Excitation-Based Multiscale CNN for Classification of Steady-State Visual Evoked Potentials
IEEE Internet of Things Journal, 12(5), pp. 5822–5833 2025
Citations 3

4. Illuminating the dark mess of fibers: Application of circular cross polarized light in unravelling the bone tissue structure of the dermal pectoral girdle of *Metoposaurus krasiejowensis*
Journal of Anatomy, 247(3-4), pp. 442–465 2025
Citations 2

5. A Sensory Glove With a Limited Number of Sensors for Recognition of the Finger Alphabet of Polish Sign Language

IEEE Access, 13, pp. 28408–28418 2025
Citations 2

6. Statistical Parametric Mapping Differences in Muscle Recruitment Patterns
Between Comfort- and Performance-Oriented Saddle Positions
Applied Sciences Switzerland, 15(2), 753 2025
Citations 2

Zapytanie: ergonomics _ Scopus_ 2025_ Poland

Poniżej informacja o artykułach, które zostały zacytowane więcej niż 1 raz

Wynik = 9 rekordów

Poniżej 6 rekordów, które uzyskały 1 cytowanie

1. Robot-assisted vs. laparoscopic Nissen fundoplication in children: an updated meta-analysis with systematic literature review
Journal of Robotic Surgery, 19(1), 202 2025
Citation 1

2. Human body area view factors for radiative heat transfer: Influence of body region, shape, and posture
Building and Environment, 281, 113200 2025
Citation 1

3. Design of Automotive HMI: New Challenges in Enhancing User Experience, Safety, and Security
Applied Sciences Switzerland, 15(10), 5572 2025
Citation 1

4. Analysis of the Impact of Vibrations on the Driver of a Motor Vehicle
Applied Sciences Switzerland, 15(10), 5510 2025
Citation 1

5. Ergonomics of the TMS system in the context of the efficiency of the freight forwarder work – the example of TMS AndSoft
Acta Logistica, 12(1), pp. 63–76 2025
Citation 1

6. Evaluating Novel Chest Compression Technique in Infant CPR: Enhancing Efficacy and Reducing Rescuer Fatigue in Single-Rescuer Scenarios
Children, 12(3), 346 2025
Citation 1

7. Health behaviours and work-related musculoskeletal pain among Polish physiotherapists and nurses
Work, 80(1), pp. 375–382 2025
Citation 1

8. DIGITAL TWIN CONCEPT FOR MANUAL WASTE SORTING MANAGEMENT
Environment Protection Engineering, 51(1), pp. 65–74 2025

Citation 1

9.Back pain in the midwifery profession in northern Poland
Peerj, 13(3), e19079 2025
Citation 1

Zapytanie: ergonomics _ Scopus 2025 Poland

Poniżej informacja o artykułach, które zostały zacytowane więcej niż 1 raz

Wynik = 27 rekordów

Poniżej wszystkie uzyskane w wynikach, które nie zostały zacytowane

1.Ergonomic stress and surgical performance of general surgeons: a cross-sectional comparison of laparoscopic and open procedures
Langenbeck S Archives of Surgery, 410(1), 265 2025
Citation 0

2.Flexible robotic platforms for surgical applications in microgravity environments: a comprehensive systematic review of minimally invasive mechatronic systems and the impact of artificial intelligence on behalf of the Center for Space Systems (C-SET) & TROGSS—The Robotic Global Surgical Society
Journal of Robotic Surgery, 19(1), 416 2025
Citation 0

3.Robotic 3-arm Roux-en-Y gastric bypass: a feasible, safe and cost-effective approach based on patient selection
Journal of Robotic Surgery, 19(1), 675 2025
Citation 0

4.Correspondence between pelvic and ankle kinematics and wobble board tilt at bipedal stance - balance strategy in middle-aged women
Journal of Bodywork and Movement Therapies, 44, pp. 106–115 2025
Citation 0

5.Ergonomics and Endoscopy-Related Injuries Among Endoscopists and Endoscopy Nurses. Results of International Multicenter Survey
Journal of Gastroenterology and Hepatology Australia, 40(10), pp. 2526–2532 2025
Citation 0

6.A study of the connection between lean manufacturing and ergonomics
Acta Logistica, 12(3), pp. 437–442 2025
Citation 0

7.5S Method Usage for the Improvement of Production Process in the Manufacturing Company
Management Systems in Production Engineering, 33(3), pp. 354–361 2025
Citation 0

8.Flexible Ureteroscopy and Laser Lithotripsy Using a Flexible and Navigable Ureteral Access Sheath Are Equally Safe and Effective whether Done in a Sitting or a

Standing Position: A Multicenter Study by European Association of Urology-
Endourology and the Flexible and Navigable Suction Access Sheath Collaborative
Group

Journal of Endourology, 39(8), pp. 841–848 2025

Citation 0

9.Implementation of Inclusive Work Instructions in Manufacturing Processes

IFAC Papersonline, 59(10), pp. 2286–2291 2025

Citation 0

10.Definition of a solution space to guide AI adoption in manufacturing SMEs

IFAC Papersonline, 59(10), pp. 2298–2303 2025

Citation 0

11.New Luddites? Counterproductive Work Behavior and Its Correlates, Including
Work Characteristics, Stress at Work, and Job Satisfaction Among Employees
Working With Industrial and Collaborative Robots

Human Factors and Ergonomics in Manufacturing and Service Industries, 35(4),
e70016 2025

Citation 0

12.Application of Surface Electromyography (sEMG) in the Analysis of Upper Limb
Muscle Activity in Women Aged 50+ During Torqway Riding

Sensors, 25(14), 4280 2025

Citation 0

13.Efficient File-Naming Convention for Data Exchange in Construction Industry

Geomatics and Environmental Engineering, 19(2), pp. 99–129 2025

Citation 0

14.Optimizing Pediatric Chest Compressions: A Randomized Crossover Simulation
Trial of Over-the-Head vs. Lateral Techniques

Pediatric Reports, 17(2), 44 2025

Citation 0

15.NURSES' ASSESSMENT OF WORKING CONDITIONS IN THE OPERATING
THEATER

Acta Neuropsychologica, 23(1), pp. 69–84 2025

Citation 0

16.A Python code for simulations of RHEED intensity oscillations within the one-
dimensional dynamical approximation

Computer Physics Communications, 308, 109467 2025

Citation 0

17.Comparative Study of Selected Order-Picking Methods: Efficiency, Ergonomics,
and Adaptation Rate of New Employees

Sensors, 25(3), 923 2025

Citation 0

18.Evaluating the Role of Robotic Surgery Gastric Cancer Treatment: A Comprehensive Review by the Robotic Global Surgical Society (TROGSS) and European Federation International Society for Digestive Surgery (EFISDS) Joint Working Group
Current Oncology, 32(2), 83 2025
Citation 0

19.CFD MODELING OF HEAT TRANSFER THROUGH COMPOSITES FOR PROTECTIVE GLOVES CONTAINING AEROGEL AND PARYLENE C COATINGS SUPPORTED BY MICRO-CT AND THERMOGRAPHY
Autex Research Journal, 25(1), 20250042
2025
Citation 0

20.Central transport hub: Analysis of ground and airspace environments
Advances in Science and Technology Research Journal, 19(9), pp. 171–188 2025
Citation 0

21.Integrating Motion Capture Technology into Ergonomics Design: Managerial Implications for Systemic Safety Management
Tehnicki Glasnik, 19, pp. 49–54 2025
Citation 0

22.From Motion to Prevention: Evaluating Ergonomic Risks of Asymmetrical Movements and Worker Well-Being in an Assembly Line Work
Applied Sciences Switzerland, 15(2), 560 2025
Citation 0

23.“We’re Not Robots”: Legal Limits on Work Intensity at the AI-Powered Warehouse
E Journal of International and Comparative Labour Studies, 14(1), pp. 25–51
2025
Citation 0

24.Applications of 3D Printing in Pediatric Rehabilitation Products
Lecture Notes in Networks and Systems, 1202 LNNS, pp. 56–64 2025
Citation 0

25.Designing ergonomic machine control panels with consideration for dimensional allowances of protective gloves
International Journal of Occupational Safety and Ergonomics, 31(3), pp. 625–630
2025
Citation 0

26.The Sustainability of Minimum Space: Removable Off-Grid Architecture for Outdoor Tourism
Lecture Notes in Civil Engineering, 615 LNCE, pp. 205–221 2025
Citation 0

27.The Potential of Using Mobile Eye-Tracking in Construction Safety Research— Review

Lecture Notes in Civil Engineering, 418, pp. 45–53 2025

Citation 0

Poniżej zamieszczono zestawienie 20 tytułów czasopism, w których ukazały się publikacje Open Access – uzyskanych w wyniku (ergonomics_Poland_2025):

1. Applied Sciences Switzerland 4
2. Acta Logistica 2
3. IFAC Papersonline 2
4. Sensors 2
5. Advances in Science and Technology Research Journal 1
6. Autex Research Journal 1
7. Building and Environment 1
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9. Current Oncology 1
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14. Journal of Anatomy 1
15. Journal of Bodywork and Movement Therapies 1
16. Langenbeck S Archives of Surgery 1
17. Management Systems in Production Engineering 1
18. Pediatric Reports 1
19. Peerj 1
20. Tehnicki Glasnik 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.