



Repertorio Bibliografico Italiano di Medicina del Lavoro



a cura del Comitato Scientifico SIML

GENNAIO-GIUGNO 2025

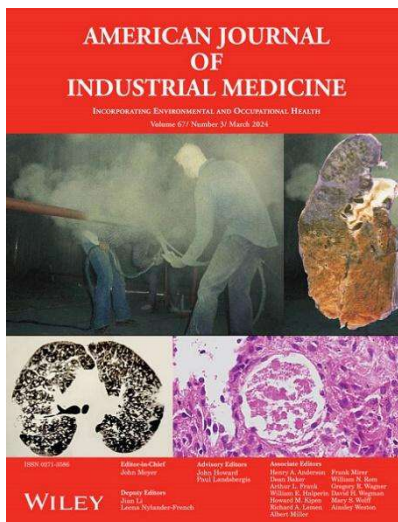
Presentazione

Il primo numero del Repertorio 2025 è composto esclusivamente, a seguito della decisione del Direttivo Nazionale del dicembre 2024 us, esclusivamente dalla presentazione degli degli indici dei fascicoli gennaio -giugno delle riviste internazionali più importanti e rappresentative della nostra disciplina di cui alla tabella sotto riportata.

Riviste più rappresentative della Medicina del Lavoro, con Journal Impact Factor (JIF) 2024 e CiteScore (CS) del 2024.

	<i>Link to online issue</i>	<i>Country</i>	<i>JIF</i>	<i>CS</i>	<i>Owner/Publisher</i>
<i>American Journal of Industrial Medicine</i>	Am J Ind Med	US	3.1	5.5	Wiley-Liss Inc.
<i>Ergonomics</i>	Ergonomics	UK	2.4	5.1	Taylor & Francis
<i>International Archives of Occupational and Environmental Health</i>	Int Arch Environ Occup Health	DE	2.4	6.5	Springer Verlag
<i>International Journal of Occupational Medicine and Environmental Health</i>	Int J Occup Med Environ Health	PL	1.4	3.2	Nofer Institute
<i>Journal of Occupational Health</i>	JOH	JA	2.0	5.0	Japan SOH
<i>Journal of Occupational Medicine and Toxicology</i>	J Occup Med Toxicol	UK	2.7	5.3	BioMed Central Ltd.
<i>Journal of Occupational and Environmental Medicine</i>	JOEM	US	1.4	4.1	ACOEM
<i>La Medicina del Lavoro</i>	Med Lav	IT	2.0	4.3	SIML/Mattioli1885
<i>Occupational and Environmental Medicine</i>	OEM	UK	3.1	8.3	BMJ Publishing Group
<i>Occupational Medicine</i>	Occupational Medicine	UK	1.7	3.9	Oxford
<i>Safety and Health at Work</i>	SH@W	SK	2.9	5.9	Elsevier BV
<i>Scandinavian Journal of Work Environment and Health</i>	SJWEH	FI	4.3	7.9	Finnish Institute of OH

Si precisa che per gli articoli con più di tre autori è stata fatta la scelta, in analogia al metodo seguito da alcune delle riviste scrutinate, di riportare il primo secondo ed ultimo autore, rimandando all'articolo originale, per la lista completa.



<https://onlinelibrary.wiley.com/loi/10970274>

Volume 68, Issue 1

January 2025

REVIEW ARTICLE

Practical Considerations for Using Personal Cooling Garments for Heat Stress Management in Physically Demanding Occupations: A Systematic Review and Meta-Analysis Using Realist Evaluation

Emily J. Tetzlaff*, Leonidas G. Ioannou & Glen P. Kenny

*University of Ottawa, Canada

RESEARCH ARTICLE

Prevalence of COVID-19 and Long COVID by Industry and Occupation: Behavioral Risk Factor Surveillance System 2022

S. R. Silver*, J. Li & S. H. Saydah

*Health Informatics Branch, USA

Association Between Employment Factors and Prevalence of Cardiovascular Disease in US Law Enforcement Workers: The National Health Interview Survey, 2006–2018

Chibuzor Abasilim*, Brett Shannon & Lee S. Friedman

*University of Illinois Chicago, USA

Sarcoidosis in Beryllium Exposed Workers: A Case-Case Study

Annyce S. Mayer*, Margaret M. Mroz & Lisa A. Maier

*National Jewish Health, USA

The Association Between Employment in Coal Mining and History of Injury, Current Pain, and Prescription Opioid Use

Lee S. Friedman*Leonard H. T. Go & Kirsten S. Almberg

*University of Illinois Chicago, USA

BRIEF REPORT

A Review of Job Assignments and Asbestos Workplace Exposure Measurements for TAWP Mesothelioma Deaths Through 2011

Valerie J. Willis*, Jeffrey L. Levin & Dalia E. Nessim

*University of Texas at Tyler Health Science Center, USA

Volume 68, Issue 2

February 2025

RESEARCH ARTICLE

Respiratory Ill-Health and Welding Exposures: A Canadian Cohort Study

Jean-Michel Galarneau*, Jeremy Beach & Nicola Cherry

*University of Calgary, Canada

Asbestos Burden in Lungs of Subjects Deceased From Mesothelioma Who Lived in Proximity to an Asbestos Factory: A Topographic Post-Mortem SEM-EDS Study

Silvia Damiana Visonà*, Matthew Untalan & Emanuela Taioli

*University of Pavia, Italy

Occupational Injury and Suicide in Washington State, Adjusting for Pre-Injury Depression

Katie M. Applebaum, Abay Asfaw, Paul K. O'Leary, Matthew P. Fox, Yorghos Tripodis, Andrew Busey, Jaimie L. Gradus, Leslie I. Boden

*The George Washington University, USA

Association Between Pre-Injury Opioid Use and Opioid Use Patterns After a Work Injury

Deborah Fulton-Kehoe, John Haight, Andrea Elmore, Jeanne M. Sears, Thomas Wickizer, Gary M. Franklin

*University of Washington, USA

Employment Quality and Self-Rated General Health in the United States: A 3-Year Observational Follow-Up Study

Julie Vanderleyden, Trevor Peckham, Rebeka Balogh, Deborah De Moortel

*Vrije Universiteit Brussel, Belgium

Prevalence of Mild and Severe Cognitive Impairment in World Trade Center Exposed Fire Department of the City of New York (FDNY) and General Emergency Responders

Frank D. Mann*, Alexandra K. Mueller & Sean A. P. Clouston

*Renaissance School of Medicine at Stony Brook University, USA

Evaluating the Effectiveness of an Occupational Health and Safety Management System Certification Program on Firm Work Injury Rates in Alberta, Canada

Christopher B. McLeod* & Robert A. Macpherson

*University of British Columbia, Vancouver, Canada

Heat-Related Illness in California Firefighters, 2001–2020

Margaret Murray*, Stella Beckman & Robert Harrison

*University of California San Francisco, USA

HISTORICAL PERSPECTIVE

Workplace Injury and Death: A National Overview of Changing Trends by Sex, United States 1998–2022

Kitty J. Hendricks*, Scott A. Hendricks & Suzanne M. Marsh

*National Institute for Occupational Safety and Health, USA

BRIEF REPORT

Colorectal Cancer (CRC) Screening in Occupational Health Surveillance Exams Is Associated With Decreased CRC Mortality

Marianne Cloeren*, John Dement & Knut Ringen

*University of Maryland School of Medicine, USA

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March 2025

COMMENTARY

What Control Measures Should I Use? Applying the Total Worker Health Hierarchy of Controls to Manage Workplace Fatigue

Imelda S. Wong*, Drew Dawson & Madeline Sprajcer

* Work & Environment, Colorado School of Public Health, USA

REVIEW ARTICLE

Could Better-Quality Employment Improve Population Health? Findings From a Scoping Review of Multi-Dimensional Employment Quality Research and a Proposed Research Direction

Emily Q. Ahonen*, Megan R. Winkler & Mireia Julià

*University of Utah School of Medicine, USA

RESEARCH ARTICLE

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

Asta Kjærgaard*, Emilie Marie Rudolf & Jeppe Zielinski Nguyen Ajslev

*The National Research Centre for the Working Environment, Denmark

Alternative Formulations of Job Strain and Sleep Disturbances: A Longitudinal Study in the United States

Yijia Sun*, Megan Guardiano & Jian Li

*University of California Los Angeles, USA

Hearing Loss Is Associated With Increased Mortality in a Cohort of Older Construction Trades Workers

John Dement*, Knut Ringen & Scott Haas *Duke University Medical Center, USA

Dermal Exposure to Agrochemicals as Risk Factor for Skin Cancer in Farmers and Ranchers in the US Central States

Sarah Tucker*, Yi Du, Rishad Ahmed & Risto H. Rautiainen

*University of Nebraska Medical Center, USA

California Warehouse Industry Worker Injury Rates in the Occupational Health and Safety Administration's Injury Tracking Application, 2018–2023

Stella Beckman*, Naissem Andamel & Robert Harrison

*Department of Public Health, USA

Volume 68, Issue 4

April 2025

COMMENTARY

Blunted Blood Pressure Dipping During Night Shift Work: Does It Matter? Can We Intervene?

P. Daniel Patterson*, David Hostler & Steven E. Reis

*Department of Emergency Medicine, USA

RESEARCH ARTICLE

Work Participation in Patients With Carpal Tunnel Syndrome Referred to Departments of Occupational Medicine—A Danish Register-Based Cohort Study

Tine Hoffmann Aagaard*, Karin Biering & Marianne Kyndi

*Department of Occupational and Environmental Medicine, Denmark

MATES in Manufacturing: A Cluster RCT Evaluation of a Workplace Suicide Prevention Program

Anthony D. LaMontagne*, Christopher Lockwood & Tania L. King

*Institute for Health Transformation, Australia

Risk of Raynaud's Phenomenon Among Workers in the Occupational Disease Surveillance System

Ryann E. Yeo*, Fanni R. Eros & Jeavana Sritharan

*Occupational Cancer Research Centre, Canada

The Rapid Rise of Silicosis in Victoria, Australia Associated With Artificial Stone Countertop Industry Work

Ryan F. Hoy*, Dunya Tomic & Karen Walker-Bone

*Monash Centre for Occupational and Environmental Health, Australia

A Qualitative Analysis of Immigrant Latinx Housecleaners' Experiences of How Power Relations With “Employers” Influence Working Conditions in New York City: The Safe and Just Cleaners Study

Isabel Cuervo*, Sherry L. Baron & Homero Harari

*Robert Wood Johnson Foundation, Usa

Incidence of Occupational Injuries Among Military Working Dog Handlers, 2016–2023

Sithembile L. Mabila*, Jessica H. Murray & Edward A. Sheriff

*Defense Health Agency, Usa

BRIEF REPORT

Self-Reported Pesticide Application, Access to Pesticide Labels, and QR Code Use Among Agricultural H-2A Workers, North Carolina, 2024

Cesar Asuaje*, Joseph G. L. Lee & Catherine E. LePrevost

*University of Florida Institute of Food and Agricultural Sciences Extension, Usa

Volume 68, Issue 5

May 2025

REVIEW ARTICLE

Exposure to Per- and Polyfluoroalkyl Substances and the Risk of Prostate and Ovarian Cancer: An Epidemiologic Meta-Analysis

Shenglan Yang*, Hui Dong & Jing Wu

*School of Nursing, China

RESEARCH ARTICLE

Exposure to the World Trade Center Disaster, Health, and Health-Related Quality of Life Nearly 20 Years After 9/11

Julia S. Sisti*, Ananya Dhanya & Robert M. Brackbill

*World Trade Center Health Registry, Long Island City, Usa

Student and Parental Job Loss During the COVID-19 Public Health Emergency: Effects on Household Economic Security

Sharon R. Silver*, Taylor M. Shockey & Jonetta J. Mpofo

*National Institute for Occupational Safety and Health, Cincinnati, Usa

Reliability and Validity of the Japanese Version of the Four-Item Psychosocial Safety Climate Scale (PSC-4J)

Akiomi Inoue*, Hisashi Eguchi & Akizumi Tsutsumi

*Institutional Research Center, Japan

Differences in the Effectiveness of Three OHS Training Delivery Methods

Lynda S. Robson*, Cynthia Chen & Aviroop Biswas

*Institute for Work and Health, Canada

Determining Thresholds for Computer-Aided Detection for Silicosis—An Analytic Approach

Stephen Barker*, Annalee Yassi & Rodney Ehrlich

*University of British Columbia, Vancouver, Canada

Gastroesophageal Reflux Disease in the World Trade Center Health Program General Responder Cohort

Christopher R. Dasaro*, Ahmad Sabra & Susan L. Teitelbaum

* Icahn School of Medicine at Mount Sinai, USA

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June 2025

COMMENTARY

Silicosis, Sarcoidosis, or Both? Rethinking Disease Labels in Light of Co-Occurrence

Steven Ronsmans*, Benoit Nemery & Birgit Weynand

*University Hospitals Leuven, Leuven, Belgium

CASE REPORT

Silicosarcoidosis: Histologic and Clinical Features of an Occupational Granulomatous Disease

Jeremy T. Hua*, Carlyne D. Cool & Cecile S. Rose

*University of Colorado School of Medicine, USA

RESEARCH ARTICLE

Work Stressors and Asthma in Female and Male US Workers: Findings From the National Health Interview Survey

Adrian Loerbroks*, Haiou Yang & Jian Li

*Heinrich-Heine-University Düsseldorf, Germany

Occupational Exposure Patterns to Disinfectants and Cleaning Products and Its Association With Asthma Among French Healthcare Workers

Bakari Ibrahim*, Nicole Le Moual & Orianne Dumas

*Université Paris-Saclay, UVSQ, France

Serum Concentration of Selected Per- and Polyfluoroalkyl Substances (PFAS) by Industry and Occupational Groups Among US Adult Workers, NHANES 2005–2014

Ja K. Gu*, Luenda E. Charles & Erin McCanlies

*Centers for Disease Control and Prevention, USA

BRIEF REPORT

Exposure to Psychosocial Work Factors and Occupational Injury and Its Severity: Prospective Associations Among Employees in the French National Working Conditions Survey

Sandrine Bertrais* & Isabelle Niedhammer

*INSERM, Univ Angers, Univ Rennes

Component Associations of the Healthy Worker Survivor Bias in Medical Radiation Workers

Won Jin Lee*, Jaeho Jeong & Young Min Kimy College of Medicine, Seoul, South Korea



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RESEARCH ARTICLES

Computer-aided ergonomic analysis of primary school furniture dimensions

Mehmet Acar*, Yusuf Ziya Erdil & Can Ozcan

*Mugla Sitki Kocman University, Turkiye

Trusting information systems in everyday work events – effects on cognitive resources, performance, and well-being

Lea S. Müller* & Guido Hertel

*University of Münster, Germany

Using HFACS to understand human error in railway dispatcher performance: a study of proactive safety inspection records

Zizheng Guo*, Huishan Pang & Chengen Li

*Southwest Jiaotong University, China

Ergonomic intervention program for office workers: a case study about its effect in computer vision syndrome and musculoskeletal discomfort

Bárbara Cardoso*, Catarina Mateus & Matilde A. Rodrigues

*School of Health of Polytechnic Institute of Porto, Portugal

REVIEW ARTICLE

A state-of-the-art review on biomechanical models and biodynamic responses

Veerasingam Guruguntla* & Mohit Lal

*National Institute of Technology Rourkela, India

RESEARCH ARTICLES

Determining fall risk change throughout pregnancy: the accuracy of postpartum survey and relationship to fall efficacy

Brett C. Stewart*, Shenghai Dai & Robert D. Catena

*Washington State University, USA

Interactions between work-related factors, perceived fatigue and musculoskeletal disorders among handicraft artisans: structural equation model analysis

Dipayan Das* & Ashish Kumar Singh

*National Institute of Technology Sikkim, India

How to walk to reduce footstep noise in multi-story residential buildings

Woojin Yoon*, Yujin Kwon & Gwanseob Shin

*Ulsan National Institute of Science and Technology, South Korea

Optimising computer vision-based ergonomic assessments: sensitivity to camera position and monocular 3D pose model

Aditya Subramani Murugan*, Gijeong Noh & Boubakeur Boufama

*University of Windsor, Ontario, Canada

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REVIEW ARTICLE

A systematic literature review of computer vision-based biomechanical models for physical workload estimation

Darlington Egeonu* & Bochen Jia

* University of Michigan, Dearborn, MI, USA

A systematic review of Personal Comfort Systems from a post-phenomenological view

Katherine Exss*, Paulina Wegertseder-Martínez & Maureen Trebilcock

* Pontificia Universidad Católica de Valparaíso, Chile

Cultural appropriateness of interventions to prevent and reduce musculoskeletal disorders among students: a systematic review

Maryam Afshari*, Elham Gheysvandi, & Mehdi Kangavari

* Hamadan University of Medical Sciences

RESEARCH ARTICLES

Do redundant graphical attributes reduce decision-making efficiency?

Tao Jin*, Chunpeng Chen & Xiaoxu Liu

* China University of Petroleum (East China), China

The effect of a soft active back support exosuit on trunk motion and thoracolumbar spine loading during squat and stoop lifts

Jacob J. Banks*, David A. Quirk & Dennis E. Anderson

* Harvard Medical School, Boston, MA, USA

Clinical tests predictive of temporary low back pain development during the prolonged standing test in physical therapy students

Eric Folkins, Erika Nelson-Wong & Sheri Silfies

* Drexel University, USA

Investigating the effect of emoji position on eye movements and subjective evaluations on Chinese sarcasm comprehension

Jinghua Huang*, Mingyan Wang & Mengyao Qi

* Zhejiang University, Hangzhou, China

Effects of a back-assist exosuit in lab-based approximations of construction tasks performed by novices and experienced construction workers

Yu Song*, Maja Goršič & Vesna Novak

* University of Kansas, USA

Comparison of multidirectional upper limb strength for non-disabled individuals and individuals with C4–C7 spinal cord injury in a seated position

George Stilwell*, Digby Symons & Jennifer Dunn

* University of Canterbury, Christchurch, New Zealand

In the heat of the moment: the effects of extreme temperatures on the cognitive functioning of firefighters

Catherine Thompson*, Lucy Ferrie & Martyn J. Matthews

* Liverpool Hope University, Liverpool, UK

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RESEARCH ARTICLES

An intelligent recommendation system for personalised parametric garment patterns by integrating designer's knowledge and 3D body measurements

Cheng Chi*, Xianyi Zeng & Guillaume Tartare

* Wuhan Textile University, China

The impact of inter-limb leg lean tissue mass asymmetry on stair climb performance in career firefighters

Nicholas A. Buoncristiani*, Gena R. Gerstner & Eric D. Ryan

*University of North Carolina at Chapel Hill, USA

Coupled effect of load weights and belt use on male shoulder pressure redistribution

Yanyang Dai*, Jian Li, Wen Cui & Jun Li
*Donghua University, China

Predicting preferred motorcycle riding postures to support human factors/ergonomic trade-off analyses within a multi-objective optimisation-based digital human model

Justin B. Davidson* & Dr. Steven L. Fischer
*University of Waterloo, Canada

Creating augmented reality-based experiences for aviation weather training: Challenges, opportunities, and design implications for 3D authoring

Jiwon Kim*, Kexin Wang, & Barrett Caldwell
*Iowa State University, USA

Human-centred explanations for artificial intelligence systems

C. Baber, * P. Kandola & E. McCormick
*University of Birmingham, UK

How will technology change people's home care in the next 20 years? A strategic foresight study

M. Pistolesi*, G. Frangioni & F. Masci*University of Florence, Italy

Training flexible spatial-cognitive estimation strategies using augmented reality

Laura Ann Matalenas* & Anne Collins McLaughlin
*North Carolina State University, USA

Understanding the informal aspects of medication processes to maintain patient safety in hospitals: a sociotechnical ethnographic study in paediatric units

Adam B. Sutherland*, Denham L. Phipps & Darren M. Ashcroft
*University of Bradford, UK

Are train horns improving road safety? Road users' perspective

Grégoire S. Larue*, Danielle Villorosi, & Christopher N. Watling
*University of the Sunshine Coast, Australia

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REVIEW ARTICLES

Review on design of real-time posture monitoring system for the cervical region

Vivek Sharma* & Vijay Mohan K* Lovely Professional University, Phagwara, India

Efficacy of lifting devices for wheelchair transfers: a systematic review and meta-analysis

Nur Shuhaidatul Sarmiza Abdul Halim*, Zaidi Mohd Ripin & Mohamad Ikhwan Zaini Ridzwa*Universiti Sains Malaysia, Nibong Tebal, Malaysia

RESEARCH ARTICLES

A preliminary study to identify critical factors for evaluating the effect of car-lock sounds on drivers

Xinyang Tan*, Naixin Liu & Saeema Ahmed-Kristensen, *School of Design, China

The effect of information integration on team communication in a simulated submarine control room task

Stephanie Michailovs*, Stephen Pond & Shayne Loft

*The University of Western Australia, Australia

Simulated quick returns in a laboratory context and effects on sleep and pre-sleep arousal between shifts: a crossover controlled trial

Øystein Holmelid*, Ståle Pallesen & Anette Harris

*University of Bergen, Bergen, Norway

Effects of background music on numerical and spatial location working memory: differences between extraverts and introverts

Mingming Deng*, Xiuzhu Gu & Feng Wu

*Xi'an Jiaotong University, China

Evaluation of self-contained breathing apparatus (SCBA) weight on firefighter stamina, comfort, and postural stability

Richard M. Kesler*, Jeffrey Powell & Farzaneh Masoud

*University of Illinois, Usa

Human factors considerations for the context-aware design of adaptive autonomous teammates

Allyson I. Hauptman*, Rohit Mallick & Nathan J. McNeese

*Clemson University, Clemson, South Carolina

Influence of passive arm-support exoskeleton on static postural balance in load-holding tasks: effects of supportive force, weight and load location

Erik Jonathan* & Shuping Xiong

*Korea Advanced Institute of Science and Technology (KAIST), Republic of Korea

Utilising raw psycho-physiological data and functional data analysis for estimating mental workload in human drivers

David Eniyandunmo*, MinJu Shin & Chris Lee

*University of Windsor, Canada

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Editorial

Editorial

David Golightly*, Becky Charles & Nora Balfe

*Newcastle University, UK

RESEARCH ARTICLES

Identifying resilience: a system safety review of trauma and orthopaedic theatres

Victoria E. Wills*

*Gloucestershire Hospitals NHS Foundation Trust, United Kingdom

Not all uncivil behaviours are equal: exploring responses to incivility in veterinary practice using vignettes

A. Irwin*, H. Silver-MacMahon & K. Macconnell

*Applied Psychology & Human Factors research group, UK

Project PRIME: road markings for motorcycle casualty reduction (an overview of findings from 2020 to 2022)

Alex Stedmon*, David McKenzie & Stuart Geddes

*Open Road Simulation Ltd, Nottingham, UK

Human performance in the rail freight yard

David Golightly*, James Lonergan & David Ethell

*Newcastle University, UK

Women are not small men: the UK's new, comprehensive Tri-Service Anthropometry survey

Laird Evans*, Robert Pringle & Eluned Lewis

*MOD Defence Equipment & Support, UK

Lessons learned from implementing a Human Factors programme into an NHS trust*

Jenny Sutcliffe* & Suzi Lomax

*THAY Medical, UK

On the road to comfort: Evaluating the influence of motion predictability on motion sickness in automated vehicles

Rowenna Wijlens*, Boris J. V. Englebert & Max Mulder

*Delft University of Technology, The Netherlands

Balance recovery after trips is affected by the type of tripping obstacles

Xingda Qu*, Baozhan Yang & Xinyao Hu

*Shenzhen University, Shenzhen, China

Exploring the effect of human-drone communication modality on safety and balance control in virtual construction environments

Boyi Hu*, Shuyan Xia & Masoud Gheisari

*University of Florida, Gainesville, Florida, USA

Research on identification of flight cadets' cognitive load based on multi-source physiological data and CGAN-DBN model

Ting Pan*, Haibo Wang, Haiqing Si, Yixuan Li, Gen Li & Yijin Zhu

*Nanjing University of Aeronautics and Astronautics, Nanjing, China

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EDITORIAL

Special issue celebrating the 75th anniversary of the Chartered Institute of Ergonomics and Human Factors

Mark S. Young* & Patrick Waterson

*Human Factors in Transportation, UK

RESEARCH ARTICLES

The Chartered Institute of Ergonomics and Human Factors at 75: perspectives on contemporary challenges and future directions for Ergonomics and Human Factors

Paul M. Salmon*, Catherine Burns & Mark S. Young

*University of the Sunshine Coast, Australia

Constructive ergonomics and enabling interventions

Pierre Falzon*, Vanina Mollo & Gianna Carta

*Conservatoire national des arts et métiers, France

Developmental approach of safety in ergonomics/human factors: insights of constructed safety in six work environments

Louis Galey*, Adelaide Nascimento & Alain Garrigou

*University Paris Nanterre, Department of Psychology, France

Supporting human factors and ergonomics professionals in anticipating future work changes in response to the anthropocene

Cynthia Lopez-Bagousse*, Arciszewski Thomas & Nathalie Bonnardel

*InCIAM (Institut de Créativité et d'Innovation d'Aix-Marseille), France

Faces of Oppression: Future directions for Ergonomics and Human Factors

Connor Wurst* & Huei-Yen Winnie Chen

*University at Buffalo, Amherst, NY, USA

Defining human-centricity in Industry 5.0 and assessing the readiness of ergonomics/human factors communities in UK

Setia Hermawati*, Rhea Correa & Robert Houghton

*University of Nottingham, Nottingham, UK

Think Human: exploring the exhibition of ergonomics to enhance education and engagement: establishing the CIEHF 75th anniversary exhibition

Rebecca Grant*, Ellie King & Mark S. Young

*Loughborough University, United Kingdom

A new era for stress research: supporting user performance and experience in the digital age

Gerald Matthews*, Ryon Cumings & Salim A. Mouloua

*George Mason University, USA

Isles of autonomy: the rise of intelligent technologies

P. A. Hancock*

* University of Central Florida, USA

REVIEW ARTICLES

Developmental foundations of Activity-Centered Ergonomics: knowledge encounters to construct both a critical analysis of work and developmental set-ups

Flore Barcellini*, Marianne Cerf & Marianne Lacomblez

*Le CNAM, Research Center on Work and Development, France

Usability of consumer product self-assembly instructions – a historical review of ergonomics research to create an international standard

Gordon Hayward*

*Consumer Risk Limited, UK

The human-factors' challenges of (tele)drivers of Autonomous Vehicles

Anat Meir*, Einat Grimberg & Oren Musicant

*HIT Holon Institute of Technology, Holon, Israel

We have to go back, back to the future! Reflecting on 75 years of human factors in the UK to shape a future of responsible artificial intelligence innovation

Aaron P. J. Roberts*, Christopher J. Parnell & Menisha Patel

*Maritime Systems, UK

LATEST ARTICLES

"Latest Articles" sono articoli accettati per la pubblicazione in questa rivista ma non ancora pubblicati in un volume. Gli articoli vengono rimossi dall'elenco "Ultimi articoli" quando vengono pubblicati in un volume/quaderno. Gli ultimi articoli sono citabili utilizzando l'autore/i, l'anno di pubblicazione online, il titolo dell'articolo, la rivista e il DOI dell'articolo.

RESEARCH ARTICLES [Learning to apply Design Thinking in participatory ergonomics: an exploratory study of OHS professionals in Denmark](#)

Ole Broberg* & Sisse Grøn* Technical University of Denmark, Ballerup, Denmark Published online: 05 Jun 2025

ARTICLE COMMENTARY

[Ergonomics and human factors: still fading—and why we need to embrace the AI revolution](#)

J. C. F. de Winter* & Y. B. Eisma* Delft University of Technology, Netherlands Published online: 06 Jun 2025

[Protesting too much](#) Patrick Waterson** Loughborough University, UK Published online: 05 Jun 2025

[Ergonomics and human factors history as craft, engineering, and applied science: a response to de Winter and Eisma](#)

Chris Baber** University of Birmingham, UK Published online: 04 Jun 2025

[Can ergonomics/human factors survive?](#) P. A. Hancock* & G. M. Hancock* University of Central Florida, Orlando, FL, USA Published online: 04 Jun 2025

[As some things fade, others amplify: a response to de Winter and Eisma](#) Paul M. Salmon* University of the Sunshine Coast, Australia Published online: 03 Jun 2025

RESEARCH ARTICLES

[The effects of wearing pilots' oxygen masks on cognitive performance](#) Frank Albers*, Julia Maria Maier & Jean-Baptiste Dupuy *German Aerospace Center (DLR), Hamburg, Germany Published online: 02 Jun 2025

[Determining ergonomics-based sustainability for public utility vehicles: integrating higher-order structural equation modelling and random forest classifier](#)

Yogi Tri Prasetyo*, Zachariah John A. Belmonte & Reny Nadlifatin* Yuan Ze University, Chung-Li, ROC Published online: 31 May 2025

[Human factors and ergonomics: a vital profession for today and the future](#) Mica Endsley* & Farzan Sasangohar *College Station, Texas, USA Published online: 30 May 2025

[The fade of a discipline or a shift in the centre of gravity?](#)

Andrew Todd* & Andrew Thatcher *Rhodes University, South Africa Published online: 29 May 2025

[Seize the moment – demonstrating the value of Ergonomics and Human Factors](#)

Ben Peachey** Ergonomics and Human Factors, Warwickshire, UK Published online: 27 May 2025

[The facilitators, barriers, and perceived benefits of the web-based Mental Health Toolkit implementation at Finnish workplaces](#)

Julia Anttilainen*, Eija Haukka, Heli Järnefelt & Irmeli Pehkonen

*Finnish Institute of Occupational Health, Finland Published online: 26 May 2025

Putting EHF into practice: five (more) challenges Steven Shorrock* & Nuno Cebola *EUROCONTROL, Brétigny-sur-Orge, France Published online: 23 May 2025

Cognitive differences of younger and older adults in skeuomorphic or flat icons Zhengxin Wu*, Yixi Bao & Tao Jin * Jiangnan University, Wuxi, China Published online: 21 May 2025

Sex-specific variations in body pressure distribution across different sleep surfaces and positions Parian Mohamadi*, Dimitri Theurot, Stéphane Hallé & Ludwig Vinches Université de Montréal, Montréal, QC, Canada Published online: 21 May 2025

An automotive human-machine interface design method integrating Fuzzy Kano-QFD and physiological data Xinhao Sun*, Xiurong Guo & Danfeng Du *Northeast Forestry University, PR China Published online: 20 May 2025

Effects of static postural loading on the performance of short-term/working memory tasks Minseok Son*, Soomin Hyun & Woojin Park*Chungbuk National University, Cheongju, South Korea Published online: 17 May 2025

Pilots gaze more outside while performing an auditory cognitive task Annemarie Landman*, Ivo V. Stuldreher & Eric L. Groen *Delft University of Technology, Delft, The Netherlands Published online: 16 May 2025

The impact of different task contexts on emergency responders' trust and usage intention of artificial intelligence Xiangying Zou, Pei-Luen Patrick Rau, Zhangfei Bai & Ben Yang *Tsinghua University, China Published online: 15 May 2025

Are humans still necessary? Expanding the discussion Judi E. See*, Julie Gilpin-McMinn & Nathan Lau & Ruixuan Li *Albuquerque, New Mexico, USA Published online: 13 May 2025

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*Federal Institute for Occupational Safety and Health, Germany
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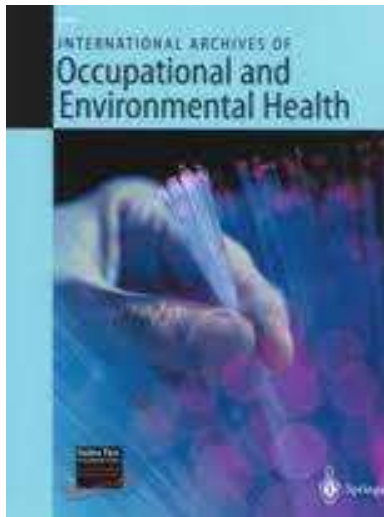
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*Faculdade de Medicina da Universidade Federal da Bahia, Brasil

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*Autonomous University of San Luis Potosí, Mexico

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*Mazandaran University of Medical Sciences, Iran

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*Epidemiology, IQVIA, Germany

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*Federal University of the State of Rio de Janeiro, Brazil

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* Montefiore Medical Center, Bronx, NY, USA

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*Division of Epidemiology and Medical Statistics, China

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*Clinical Medical College of Fujian Medical University, China

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*Chongqing Center for Disease Control and Prevention, China

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*Medical University of Lodz, Poland

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*Peking University Third Hospital, China

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*Nofer Institute of Occupational Medicine, Poland

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*Central Institute for Labor Protection – National Research Institute, Poland

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*Gradient, One Beacon St, United States

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*Akita University Graduate School of Medicine, Japan

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*Kanazawa Medical University, Kahoku-gun, Japan

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*University of Occupational and Environmental Health Japan, Japan

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*The University of Tokyo, Bunkyo-ku, Tokyo, Japan

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*National Defense Medical College, Saitama, Japan

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*Physical Fitness Research Institute, Japan

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*Saint Louis University School of Medicine, United States

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*Department of Emergency Medicine, Taiwan

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*University of Occupational and Environmental Health, Japan

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Makiko Nakano*, Min Gi & Toru Takebayashi

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Jun Kanno*,

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*Shinshu University School of Medicine, Japan

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*Hiroshima University, Japan

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*Tampere Universities, Finland

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Se-Eun Oh* and Sangjun Choi

*The Catholic University of Korea, South Korea

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*Osaka Occupational Health Service Center, Japan

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Rong Yan*, Li Zeng & Yun-Fang Liu

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Mukti Khetan* & Bontha V. Babu

*Indian Council of Medical Research-National Institute for Implementation Research on Non-Communicable Diseases, India

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Emily Ortiz-Delgado*, Guido Bendezu-Quispe & Jaime Rosales-Rimache

*Universidad Alas Peruanas, Peru

Impacts of hazardous noise levels on hearing loss and tinnitus in dental professionals

Celia Zhang*, Andrew Young & Jiong Hu

*University of the Pacific, San Francisco, USA

Research Published on: 3 January 2025

FEBRUARY

Cumulative risk assessment methodology applied to non-dietary exposures: developmental alterations in professional agricultural settings

Luca Tosti* Martina Marazzini & Francesca Metruccio

* ASST Fatebenefratelli Sacco, Milan, Italy

Research Published on: 28 February 2025

Herbicide-related health risks: key mechanisms and a guide to mitigation strategies

Juthamas Hongoeb*, Tanawut Tantimongcolwat & Kamonrat Phopin

*Mahidol University, Thailand

Review Published on: 25 February 2025

Toxic effects of chronic occupational mercury vapor exposure on female workers of childbearing age

Yujie Pan*, Kunlong Qu & Yuguo Song

*Capital Medical University, China

Principles of occupational medicine: an educational case study of hazards and risks for Dr “Indiana” Jones

Thomas C. Erren*, Christopher Dietrich & Philip Lewis

*University of Cologne, Germany

MARCH

A review of silicosis and other silica-related diseases in the engineered stone countertop processing industry

Jane C. Fazio*, Karoly Viragh & Sheiphali A. Gandhi

*University of California Los Angeles, USA

Review Published on: 17 March 2025

Exposure to disulfiram and incidence of parkinsonism

Angelo d’Errico*, Elena Strippoli & Paul D. Blanc

*Epidemiology Unit, Local Health Unit ASL To3, Italy

Research Published on: 12 March 2025

APRIL

Chlorine gas and ultrafine particle emissions from bleach disinfection: exposure risk characterization

Luca Fontana*, Luigi Fappiano & Giorgio Buonanno

*Università degli studi di Cassino e del Lazio Meridionale (UNICAS), Italy

Research Published on: 6 June 2025

Risk assessment and management of chemical hazards for pregnant workers: a qualitative review of guidance from EU member states

Thomas Claessens*, Karin Sørig Hougaard & Steven Ronsmans

*Centre for Environment and Health, Belgium

Review Published on: 2 April 2025

MAY

SARS-CoV-2 infection risk by non-healthcare occupations: a systematic review and meta-analysis

Katharina M. A. Gabriel*, Christin Schröder & Andreas Seidler

*Division ‘Work and Health’, Germany

Communication aspects of feedback from workers’ health surveillance due to hand-arm vibration exposure – a scoping review

Catarina Nordander*, Mats Hagberg & Tohr Nilsson

*Lund University, Lund, Sweden

Effort-reward-imbalance, burnout, and physical pain mediate the relationship between overcommitment and depression in German Emergency Medical Technicians

Laura Manns*, Claus Vögele & André Schulz

*University of Luxembourg, Luxembourg

The history of occupational health on the African continent

Michele A. Riva*, Raz Dekel & Rajen N. Naidoo

*School of Medicine and Surgery, Italy

Re

Assessment of occupational hazards, health effects, and personal protective equipment usage among motorcycle food delivery riders in Thailand: a cross-sectional survey

Siriaran Kwangsukstith*, Vithawat Surawattanasakul & Wachiranun Sirikul

*Chiang Mai University, Thailand

Correction: The human long noncoding RNAs CoroMarker, MALAT1, CDR1as, and LINC00460 in whole blood of individuals after controlled short-term exposure with ultrafine metal fume particles at workplace conditions, and in human macrophages in vitro

Theresa Scheurer*, Jan Steffens & Ralf Baumann

*University Hospital RWTH Aachen University, Germany

A new approach for the implementation of ergonomics in sonography to prevent work-related musculoskeletal disorders (ErgoSon)

Johannes Matthias Weimer*, Bastian Dumancic & Fabian Holzgreve

* University Medical Center of the Johannes Gutenberg University Mainz, Germany

JUNE

Sowing seeds of awareness: a cross-sectional analysis of mental health literacy and help-seeking in Irish farmers

Siobhan O'Connor*, Anna Donnla O'Hagan & Sandra M. Malone

*Dublin City University, Dublin 9, Glasnevin, Ireland

Correction Published on: 16 June 2025

Firefighting, other protective service occupations and prostate cancer risk: a pooled analysis of three case-control studies

Wendy Bijoux*, Marie-Élise Parent & Florence Menegaux

*Université Paris-Saclay, France

Research Published on: 10 June 2025

Orofacial pain and oral health-related quality of life in woodwind and cello musicians in German orchestras: an online based questionnaire study

Felix Marschner*, Armin Sokolowski & Annette Wiegand

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Determinants of Post-COVID Ill-Health in a Cohort of Canadian Healthcare Workers

Zadunayski, Tanis*; Durand-Moreau, Quentin & Cherry, Nicola

*University of Alberta, Edmonton, Alberta, Canada

A Longitudinal Analysis of Long Working Hours and the Onset of Psychological Distress

Ezekekwu, Emmanuel*; Johnson, Christopher & Antimisiaris, Demetra

*University of Louisville, USA

COVID-19 Vaccine Hesitancy and Uptake Among Firefighters: An Application of the Health Belief Model

Hooker, Stephanie A.*; Ziegenfuss, Jeanette Y. & McKinney, Zeke J.

*Division of Research and Evaluation, HealthPartners Institute, Minnesota, USA

Too Soon to Breathe Easy: Trends in Asbestosis Morbidity and Mortality in Wisconsin

Creswell, Paul D.*; McCoy, Katherine E. & Bedno, Sheryl

*Bureau of Environmental and Occupational Health, Madison, USA

Effect of Long COVID on Work Performance and Annual Monetary Loss Among Infected Health Care Workers at a Tertiary Hospital in Malaysia

Lim, Say Hiang*; Lim, Yin Cheng & Kamarulzaman, Adeeba

* Universiti Malaya, Malaysia

Perceptions of Cancer Risk and Gear Decontamination Among Aircraft Rescue and Firefighting Firefighters: Insights from a Mixed Methods Study

Millet, Barbara*; Kobetz, Erin N. & Caban-Martinez, Alberto J.

*University of Miami, Coral Gables, Florida, USA

Returning to Work After Childbirth and Women's Mental Health: The Place of Work-Family Conflict and of Social Supports in a Population of Working Mothers in Paris Area

Radauceanu Anca*; Grzebyk, Michel & Boini, Stéphanie

*French Research and Safety Institute for the Prevention of Occupational Accidents and Diseases (INRS), France

Developing a Job-Exposure Matrix for Sedentary Behavior: A Study Based on the Inpatient Clinico-Occupational Database of Rosai Hospital Group

Fukai, Kota*; Sano, Kei & Tatemichi, Masayuki

*Tokai University School of Medicine, Japan

FAST TRACK ARTICLE

Working Conditions in Complementary and Integrative Healthcare Professions

Whitley, Margaret D.*; Faydenko, Jocelyn & Finnell, John S.

*University of Health Sciences, Illinois, USA

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FAST TRACK ARTICLES

Grenfell Tower Fire: Firefighters' Activities and Their Exposure to Fire Smoke and Heat

Stec, Anna A.*; Purser, David A.; Hull, T Richard

*University of Central Lancashire, United Kingdom.

Grenfell Tower Fire: Toxic Effluents and Assessment of Firefighters' Health Impacts

Stec, Anna A.*; Purser, David A.; Hull, T. Richard

* University of Central Lancashire, United Kingdom.

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Implementation of an Occupational Sun Safety Intervention: A Comparison of Two Scalability Strategies

Buller, David B.*; Buller, Mary Klein & Meenan, Richard

* Klein Buendel, Inc., Golden, Colorado, USA

Corporate Motivation and Performance to Participate in the Government-Led Health Productivity and Management Initiatives in Japan: A Cross-sectional Study Using Text Mining

Sakai, Kosuke*; Nakazawa, Shoko & Tatemichi, Masayuki

* Tokai University School of Medicine, Japan.

Impact of COVID-19 Pandemic on the Prevalence of Metabolic Syndrome in Health Care Workers: A Cohort Study at a Designated COVID-19 Hospital in Taiwan

Hsieh, Chen*; Yen, Yung-Feng & Chen, Mei-Ju

* Taipei City Hospital, Taipei, Taiwan

An Innovative Model to Add Mindfulness to Total Worker Health Training: A Feasibility and Acceptability Trial

Kuehl, Kerry S.*; Elliot, Diane L. & Garg, Bharti

* Oregon Health & Science University, Oregon, USA

The Relationship Between Meeting Workplace Accommodation Needs and Job Disruptions Among Canadians Working With Disabilities: A Cross-Sectional Analysis

Jessiman-Perreault Geneviève*; Smith Peter M. & Gignac Monique A. M.

* Institute for Work and Health, Toronto, Canada

Well-being After Finalization of a Workers' Compensation Claim: A Cross-Sectional Survey

Weir, James*; Fary, Robyn & Beales, Darren

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ACOEM GUIDANCE STATEMENT

Incorporating Lifestyle Medicine Into Occupational Medicine Practice: ACOEM Guidance Statement

Hymel, Pamela A.*; Stave, Gregg M. & Saito, Kenji; ACOEM Presidential Task Force on Lifestyle Medicine and OEM Practice

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LETTERS TO THE EDITOR

Health and Safety Workforces: Specific Exposome Means Specific Occupational Attention

Descatha, Alexis*; Fadel, Marc *Univ Rennes, Inserm, EHESP, Irset

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Potential of Klotho as a Biomarker for Overwork: A Study of Frontline Medical Workers

Zhu Ling-Na*, Xiang, Dong-Lin BA & Xiao, Ning

*Yiling People's Hospital, China

Prospective Associations Between Organizational Changes and Health Outcomes Among French Employees Who Remained in Employment

Niedhammer Isabelle* & Bertrais Sandrine

*INSERM, Univ Angers, Univ Rennes, EHESP, IRSET, France

Effects of the Maternal Work Environment on Psychological Distress During Pregnancy: A Cross-sectional Research—The Japan Environment and Children's Study

Kobayashi, Sumitaka*, Saijo, Yasuaki & Kishi, Reiko

*Division of Epidemiological Research for Chemical Disorders, Japan

Assessing the Impact of the COVID-19 Pandemic on Small and Medium Businesses in North Carolina: Results From the Carolina PROSPER COVID-19 Worksite Impact Survey

McAden, Emily P*, Leff, Maija S & Nylander-French, Leena A.

*North Carolina Occupational Safety and Health Education and Research Center, North Carolina

Work-Related Fatigue: Relationship Between Perceived and Performance Fatigability in Career Firefighters

Schmitz Amber N*, Giuliani-Dewig, Hayden K & Ryan, Eric D

*MOTION Science Institute, Department of Exercise and Sport Science, North Carolina

A Socioecological Approach to Work Performance: A Pilot Study Among Workers With Chronic Skin Diseases

Karni-Efrati, Ziv*, Egozi, Laliv & Pardo, Asher

*University of Haifa, Israel

Association Between Presenteeism and Mistreatment at the Workplace During the COVID-19 Pandemic in Japan: A 1-Year Prospective Cohort Study

Sawamoto Naoya*, Okawara, Makoto & Fujino, Yoshihisa

*Department of Environmental Epidemiology, Japan

Evaluating Injury and Illness Trends in Federal and Postal Service Employees Using Workers' Compensation Claims Data 2007–2022

Wurzelbache Steven*, Krieg, Edward F & Tseng, Chih-Yu

*The National Institute for Occupational Safety and Health, Ohio.

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ORIGINAL ARTICLES

Mutagenicity, DNA Repair Gene Polymorphism, and Differentially Expressed Plasma Protein Fractions Among Textile Dyeing Workers *Al-Wehedy, Adel*, Eldegl, Heba & Sehsah, Radwa*

* Mansoura University, Egypt

Occupational Factors Influencing Turnover Intention in Working Women With Lower Urinary Tract Symptoms *Jung, Joo Hee* Lee, Yu Min & Kang Mo-Yeol * Graduate School of Public Health and Healthcare Management, Republic of Korea*

Impact of Family Cohabitation Status and Work-From-Home on Sleep Problems Among Japanese Workers During the COVID-19 Pandemic: A Cross-sectional Study *Fujii Rintaro*, Okawara Makoto & Fujino Yoshihisa *University of Occupational and Environmental Health, Japan*

Work Functioning Impairment and Telework: Influence of Family Cohabiting Situation

Yoshida Ai*, Okawara Makoto & Fujino Yoshihisa *Department of Preventive Medicine and Community Health, Japan.

Multicontextual Factors That Influence Work-Life Balance of Family Caregivers of Adults With Parkinson's Disease Hellmers Natalie*, Stimpfel Amy Witkoski & Dickson Victoria Vaughan * New York University Rory Meyers College of Nursing, USA

Using the EPIS Framework to Implement a Physical Activity Promotion Intervention at a Large Academic Healthcare System McCarthy Margaret M*, O'Neill Krista & Heffron Sean P *New York University Rory Meyers College of Nursing, USA

Associations of Perceived Privacy at the Workplace With Short Sickness Absences in a Cohort of Finnish Office Workers

Haapakangas Annu*, Ropponen Annina & Reijula Kari *Finnish Institute of Occupational Health, Finland

Predicting Health Access During Critical Public Health Crises: An Analysis of Medical Office Responses to the COVID-19 Pandemic Zhong Nancy*, Wohlers Kirsten & Szema Anthony *Ward Melville High School InSTAR Program, USA

EDITORIAL

Proactive Approaches to Work-Related Musculoskeletal Injuries in an Aging Workforce: A Commentary

Kalia Nimisha*, Bernacki Edward J & Tao Xuguang

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The Impact of Air Pollution on Acute Angle-Closure Glaucoma in Hefei, China, 2017–2022: A Time-Series Study

Zhang Si-Tian*, Wang Li-Qing & Zhou Yan-Feng

*First Affiliated Hospital of Anhui Medical University, China

Association Between the Occupation of Pregnant Women's Partners and Risks of Infant Low Birth Weight and Preterm Birth in a Prospective Birth Cohort: The Japan Environment and Children's Study

Kobayashi Sumitaka*, Saijo Yasuaki & Kishi Reiko

*National Institute of Occupational Safety and Health, Japan

Association Between Male Menopause Severity and Presenteeism: A Cross-sectional Study

Beppu Hiroki*, Okawara Makoto & Fujino Yoshihisa

*Minamigaoka Hospital, Japan

Guidance for Creating Morally Healthy Organizations That Remediate the Experience of Moral Injury in Health Care: Findings From an International e-Delphi Study

Morris Deborah*, Dean Wendy & Talbot Simon

*Centre for Developmental and Complex Trauma, United Kingdom

Staff and Work Environment Factors Associated with Workplace Violence in Hospitals: Comparison of Units With High Versus Low Rates of Violence

Derscheid Della J* & Arnetz Judith E.

*Mayo Clinic, USA

Occupational Exposure to Inhalable Agents Is Associated With Reduced Work Ability: A Prospective Cohort Study in Norway

Klepaker Geir*, Torén Kjell & Fell Anne Kristin Møller

*Telemark Hospital, Norway

Mental Health Support for First Responders Provided Outside of California's Workers' Compensation System

Quigley Denise D.*, Qureshi Nabeel & Meredith Lisa S

*RAND Corporation, USA

The Organic Farmer Safety, Health & Life Questionnaire (OFSHLQ): A Tool for an Expanded Paradigm on Occupational Safety and Health

Soto Mas Francisco*, Hsiao Yu-Yu & Zhao Shixi

*College of Population Health, USA

Psychosocial Stress at Work and Risks for Burnout Among Hotel Workers

Rosemberg Marie-Anne S*, Ghosh Bidisha & Marriott Deanna J.

*University of Michigan, USA

FAST TRACK ARTICLE

Rapid COVID-19 Testing of Symptomatic Health Care Personnel: A Strategy for Safely Maintaining the Workforce

Tilly Monica K*, McNicholas James E. Jr & Jacobson Mark A. *Division of Occupational, Environmental and Climate Medicine, USA

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ORIGINAL ARTICLES

The Impact of SARS-CoV-2 on Work Absence: A Cross-sectional Analysis of Vaccinated and Unvaccinated Workers Etli Dominic*, Wiewior Antonina & Howard Raina *Mission Support and Test Services, USA

Patterns of Mental Health and Resilience Among Nurses and Physicians Throughout the COVID-19 Pandemic: A 3-Year Longitudinal Study Vala Katelyn C.*, Fishbein Joanna S. & Schwartz Rebecca M. *Northwell Health, New Hyde Park, USA

Gaps in Workplace Injury Reporting Among Physicians to the United States Bureau of Labor Statistics Gabrielson Andrew T.*, Chrouser Kristin & Corwin Claudia*Johns Hopkins University School of Medicine, USA

Assessment of UK Heavy Goods Vehicle Drivers' Lifestyle Behaviors: A Cross-Sectional Study Ruettinger Katharina B.*, Willis Scott A. & Clemes Stacy A * Loughborough University, United Kingdom

Effect of Annual Leave Days on Presenteeism—A Cohort Study in Employees of a Japanese Corporate Group Yamashita Satoshi*, Okawara Makoto & Fujino Yoshihis *University of Occupational and Environmental Health, Japan

Psychosocial Risks and Resources at Work and Employee Well-being in the Context of the COVID-19 Pandemic: Time Series of Cross-sections Ervasti Jenni*, Airaksinen Jaakko & Vahtera Jussi *Finnish Institute of Occupational Health, Finland

The Beneficial Role of Participation in Decision-Making on Workers' Health and Commitment: A Cross-Sectional Study in Belgium's Health and Homecare Sector Bensliman Rachida*, Mahieu Celine & Casini Annalisa *Université Libre de Bruxelles, Belgium

BOOK REVIEW

Long-Term Health Effects of COVID-19 Disability and Function Following SARS-CoV-2 Infection and a Long COVID Definition: A Chronic, Systemic Disease State With Profound Consequences

Stave Gregg M.*

*Duke University, USA

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Economic Evaluations of Worksite Health Centers: A Systematic Review

Jiang Hanzi*, Schwirtlich Tim & McHugh Megan

*Feinberg School of Medicine, USA

Predicting Depressive Symptoms and Psychological Distress by Circulating Inflammatory Mediators: A 16-Month Prospective Study in Japanese White-Collar Employees

Soeishi Takahiro*, Nakata Akinori & Kikunaga Kazuki

* International University of Health and Welfare, Japan

Use of Job Exposure Matrices to Inform COVID-19 Vaccine Promotion Among Non-Health Care Workers in Chicago, Illinois

Lendacki Frances R.*, Forst Linda & Kerins Janna L

*University of Illinois at Chicago, USA

Integrating Worker Health Education in Community Agencies to Address Immigrant Worker Health: A Pilot Implementation Trial

Tsai Jenny Hsin-Chun* & Herting Jerald R.

* University of Washington,, USA

Workday Habits and Fatigue of American Jockeys

Keener Michaela M.*, Vice Gavin C. & Heebner Nicholas R.

*University of Kentucky, USA

Internet-Based Cognitive Rehabilitation for Working Cancer Survivors: A Process Evaluation

Klaver Kete M.*, Duijts Saskia F.A. & Schagen Sanne B.

*Netherlands Cancer Institute, The Netherlands

Examining Long-Haul Truck Driver Needs and Preferences to Improve the Truck Stop Environment

McKeown Mackenzie L.* & Crizzle Alexander M.

*School of Public Health,Canada

Metabolic Syndrome and Associated Components Among Police Officers: A 7 and 12-Year Longitudinal Analysis

Violanti John M.*, Fekedulegn Desta & Hartley Tara A.

The State University of New York , USA

Is Well-being Associated With Burnout? From a Multicenter Cross-sectional Study in Taiwan

Wu Tse-Wei*, Chuang Hung-Yi & Kawakami Norito *Kaohsiung Medical University, Taiwan

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ORIGINAL ARTICLES

Assessing Long-Term Impacts of Occupational Welding Fume Exposure on Respiratory Health: A 5-Year Retrospective Cohort Analysis Saadiani Elham*, Sadeghi-Yarandi Mohsen & Kalantary Saba

* Qazvin University of Medical Sciences, Iran

The Relationship Between Longest-Held Occupation and Hand Function in Older Adults

Levinson Jaden E.*, Logue Cook Rachel N. & Brown Susan H. *University of Michigan, USA

Predictors of Ever Using Marijuana Among US First Responders Testoff Addison C.*, Koru-Sengul

Tulay & Caban-Martinez Alberto J *University of Miami, USA

A Cross-Sectional Study to Evaluate Respiratory Symptoms Associated With Exposure to Biological Risks in Informal Waste Pickers in Colombia Roza Silva Yenny Andrea*, Calderón Sierra Leidy Isabel &

Aguilar-Elena Raúl *Valencian International University, Spain

Profiles and Predictor of Pesticide and Metal Mixtures in Urine Among Solar Greenhouse Workers: Findings From the Measures of Environment and the Health Outcomes Study Wang Siyuan*, Su

Jianjian & Yan Tenglong *Beijing Institute of Occupational Disease Prevention and Control, China

Presenteeism Caused by Health Conditions and Its Economic Impacts Among Japanese Workers in the Post-COVID-19 Era Yoshimoto Takahiko*, Matsudaira Ko & Inoue Shinsuke * Showa University, Japan

Epidemiologic Survey for Work-Related Idiopathic Interstitial Pneumonias Focusing on Idiopathic Pulmonary Fibrosis in Korea, 2010–2022 Kang WonYang*, Kim Daeho & Choi Byung-Soon *Institute

of Occupation and Environment, Republic of Korea

Relationship Between Sedentary Lifestyle and Handgrip Strength Among Korean Workers

Yang Junsu* & Lee Wanhyung *Chung-Ang University, Seoul, Republic of Korea

Mortality From Infectious Pneumonia Associated With the Severity of Airflow Limitation in Pneumoconiosis: Proportional Mortality Study as a Case-Control Study Kang WonYang*, Kim Daeho

& Choi Byung-Soon *Korea Workers' compensation & Welfare Service, Incheon, Republic of Korea

Clinical Validation of an AI System for Pneumoconiosis Detection Using Chest X-rays Ruiz Eduardo

R.*, Arellano Carolina A. & Pinochet Francisca *Mutual de Seguridad, Santiago, Región Metropolitana, Chile

A Cross-sectional Analysis of Acute Injuries Among US Coast Guard Responders to the Deepwater Horizon Oil Spill Keshav Taj*, McAdam Jordan & Rusiecki Jennifer A. *Uniformed Services University of

the Health Sciences, USA

ACOEM GUIDELINES

Work Disability Prevention and Management

Kertay Les*, Caruso Garson M. & Hegmann Kurt T

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EDITORIAL

JOEM Updates and Thank You to the 2024 Reviewers

Brandt-Rauf Paul W.* & Yuhasz Stacieann

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ERRATUM

Occupational Dust Exposure as a Risk Factor for Developing Lung Function Impairment: Erratum

Saers Johannes James*, Bryngelsson Ing-Liss & Andersson Lena

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Impact of Persistent Combat-Related PTSD on Heart Disease and Chronic Disease Comorbidity in Aging Vietnam Veterans

Stellman Steven D.*, Pless Kaiser Anica & Stellman Jeanne Mager

*Columbia University, USA

Persistence and Patterns of Combat-Related Posttraumatic Stress Disorder (PTSD), Medical, and Social Dysfunction in Male Military Veterans 50 Years After Deployment to Vietnam

Stellman Steven D.*, Pless Kaiser Anica & Stellman Jeanne Mager

*Columbia University, USA

The Association between Work-Life Conflict and Mental Health—A Cohort Study

Thorup Lotte*, Sørensen Christine Leonhard Birk & Biering Karin

*University Research Clinic, Denmark

PM2.5 Speciation Chemicals and Neonatal Respiratory Distress Syndrome (RDS): Uncovering the Interactions of Maternal Health, Environmental Metal Pollutants, and Sociodemographic Factors

Ibrahimou Boubakari*, Burchfield Shelbie & Sun Ning

*Florida International University, USA

Interactive Workshop on Identifying Health Effects of Climate Change in the Clinical Setting: An Occupational and Environmental Health Solution

Saberi Pouné* & Green-McKenzie Judith

*University of Pennsylvania Perelman School of Medicine, USA

A Randomized Control Trial Comparing the Effects of N-95 Respirator Versus Surgical Mask Use on Resting Metabolic and Respiratory Changes

Rothstein Alexander*, Hirsch Jessie & DiFrancisco-Donoghue Joanne

*New York Institute of Technology, USA

Medicare Work-Related Injuries: Underutilization of Workers' Compensation Leads to Higher Out-of-Pocket Costs for Older Adults

McFalls Matthew*, Virnig Beth A. & Ramirez Marizen R

*University of California, USA

First-Responder Perceptions of Occupational Health and Safety Following the 2010 Deepwater Horizon Oil Spill Cleanup Operations: A Qualitative Study

Testoff Addison C.*, Louzado-Feliciano Paola & Caban-Martinez Alberto J.

*University of Miami, USA

Changes in Musculoskeletal Pain Among Computer Workers When Working From Home

Casjens Swaantje*, Griemsmann Stephanie & Behrens Thomas

*Institute of the Ruhr University Bochum (IPA), Germany

Correlation Between In-service Exam Scores and Successful Board Certification in Preventive Medicine Specialties

Sullivan Andrew J.*, Costello Amy A. & Krahl Pamela L.

*Uniformed Services University of the Health Sciences, USA

FAST TRACK ARTICLE

Work-Related Musculoskeletal Disorders Among Women Office Workers in Kingdom of Saudi Arabia: A Cross-sectional Study on the Impacts of Ergonomics Knowledge in the Work From Home Era Bin sheeha Bodor* *Princess Nourah bint Abdulrahman University, Saudi Arabia

ACOEM GUIDANCE STATEMENT

Laboratory Animal Allergy

Stave Gregg M.*, Swift Melanie D. & Behrman Amy J.

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Estimating the Association Between Outdoor Temperature and Acute Kidney Injury Using Alternative Case Definitions Rabin Benjamin*, D'Souza Rohan & Scovronick Noah *Emory University, USA

Employment Productivity and Cancer-Related Psychological Symptoms Among Adult Cancer Dyads Warner Echo L.*, Sikorskii Alla & Rainbow Jessica*University of Utah College of Nursing, USA

Association of Menstrual-Related Symptoms and Presenteeism: A Cross-sectional Study of Working Women in Japan Koh Sumire*, Okawara Makoto & Fujino Yoshihisa *University of Occupational and Environmental Health, Japan

Return to Work and Cost Implications of Physical Therapy in Conjunction With Rotator Cuff Repair in the Treatment of Work-Related Rotator Cuff Tears Bernacki Edward J.*, Tsourmas Nicholas F & Tao Xuguang (Grant *Johns Hopkins School of Medicine, USA

Longitudinal Surveillance for Chronic Health Conditions in Former United States Department of Energy Site Workers Dally Miranda*, Ogden Paul & Newman Lee S. *University of Colorado, USA

Examinee Nondisclosure of Relevant Medical Information During Transportation-Related Regulatory Examinations: A Case Series Minsinger Kristopher D.*, Graber Judith M. & Udasin Iris *Rutgers University, USA

Association Between Presenteeism and Work-Related Falls Among Older Workers in the Retail Sector: A Cohort Study in Japan Hirashima Keiki*, Shima Azusa & Fujino Yoshihisa *University of Occupational and Environmental Health, Japan

Cross-context Validation of a Technostress Scale for the Aging Workforce Comotti Anna*, Fattori Alice & Bonzini Matteo *Foundation IRCCS Ca' Granda Ospedale Maggiore Policlinico, Italy

Evaluating the Effectiveness of Camera-Based Fatigue and Distraction Detection Technology in a Rural Truck Driver Cohort Cori Jennifer*, Booker Lauren A. & Howard Mark E. *Institute for Breathing and Sleep, Austin Health, Australia

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Artificial Intelligence Job Substitution Risks, Digital Self-efficacy, and Mental Health Among Employees Zhao Hairong* & Wu Peiguan *Sun Yat-sen University, China

LETTER TO THE EDITOR

Laboratory Monitoring After Lentiviral Vector Exposure Swift Melanie D.*, Breeher Laura E. & Bositis Christopher M *Infectious Diseases and Occupational Medicine, Mayo Clinic, USA

RESPONSE TO LETTER TO THE EDITOR

Response to the Letter to the Editor on Laboratory Monitoring After Lentiviral Vector Exposure

Fujimoto Gary R.*, Wooley Dawn P. & Hudson T. Warner *Occupational and Internal Medicine Consultant Los Altos, USA

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EDITORIAL

Occupational Risk Management in the Context of Emerging Infections: The MPOX Paradigm

Stufano Angela*, Omokhodion Folashade O. & Iavicoli Ivo

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Integrating Power Into Research, Outreach, and Practice to Make the Most of the Next Decade of the Total Worker Health® Program

Ahonen Emily Q.* , Reynolds Megan R. & Jones Rachael M.

*University of Utah School of Medicine, USA

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The Impact of Workplace Heat and Cold on Work Time Loss

Ioannou Leonidas G.*, Tsoutsoubi Lydia & Flouris Andreas D *University of Thessaly, Greece

Measures and Measurement Tools for Studying Total Worker Health

Payne Julianne*, DePriest Kelli & Linnan Laura

*University of North Carolina at Chapel Hill, USA

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The Imperative to Incorporate Climate Change Competencies into Occupational and Environmental Medicine Training to Safeguard Worker Health

Khan Alya*, Berenji Manijeh & Solomon Gina

*University of California Irvine Joe C. Wen School of Population and Public Health, USA

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Burnout and Professional Fulfillment: Associations With Interprofessional Communication Skills and Climate Among Clinical Health Professionals

Zheng Xia*, Preis Heidi & Pati Susmita

*Stony Brook University, USA

Assessing the Impact of Advanced Cooling Technology in Firefighting Gear During Live Burn Scenario

Yu Zhaochong*, Altman Lorenna & Bhattacharya Amit

*University of Cincinnati, USA

Markers of Fitness, Stress, and Cardiometabolic Disease Risk Among Law Enforcement Officers

McAllister Matthew J.*, Dodge Caitlin & Gonzalez Drew E.

*Texas State University, USA

The Effects of Increasing Heat Waves on Outpatient Caregivers—Attitudes, Measures, and Outlook

Frantzen Chiara* & Kaifie Andrea

*RTWH Aachen University, Germany

Sensorineural and Peripheral Vascular Responses Induced by Exposure to High-Frequency Vibration

Krajnak Kristine*, Chapman Phillip & Welcome Daniel

*National Institute for Occupational Safety and Health, USA

Work-Related Asthma Mortality, Michigan 2003–2023

Rosenman Kenneth D.* & Reilly Mary Jo

*Michigan State University, USA

How Can a Psychoeducational Session Alter the Results for a 3-Month Sit-Stand Desk-Based Intervention? A Secondary Analysis From the Stand up for Healthy Aging

Silva Hélio*, Teno Sabrina C. & Júdice Pedro B.

*Universidade Lusófona, Portuga

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Effects of Social Networking Service-Based Exercise Therapy on Reducing Nonspecific Low Back Pain and Improving Productivity in Workers: A Randomized Controlled Trial

Mikayama Shirou*, Tomonaga Ryo & Yamato Hiroshi

*University of Occupational and Environmental Health, Japan

The Effect of Ketamine-Assisted Group Therapy on Treatment-Resistant Mental Health Conditions in Firefighters: A Prospective Observational Case Series

Tsang Vivian WL*, Lin Michelle CQ & Kryskow Pamela

*University of British Columbia, Canada

Psychosocial Work Conditions, Mental Distress, Burnout, and Hypnotic Use Among Healthcare and Social Workers: A Comparative Analysis With General Employees

Lin Ming-Wei*, Wong Su-Wei & Cheng Yawen

*National Taiwan University, Taiwan

Relating Ambient Heat to Site Clinic Visits for Heat-Related Symptoms Among Four Middle Eastern Aluminum Smelters

Bernard Thomas E.*, Manjunath Gummanur & Wesdock James C.

*University of South Florida, USA

Quantifying the Trunk and Humeral Postural Demands of Uranium Mine Site Workers Using Wearable Sensors

Balogh Denise* & Lang Angelica E.

*University of Saskatchewan, Canada

Physical Demands at Work Associated With Lower Urinary Tract Symptoms Among Women: A Cross-sectional Study

Yoo Hyoungseob*, Lee Yu Min & Kang Mo-Yeol

*The Catholic University of Korea, Republic of Korea

The Association Between Shift Work and Lipid Health in Chinese Railway Workers: A Longitudinal Analysis of 6 Years

Wu Huishuan*, Jin Yu & Jin Kezhi

*Fudan University, China

Telework Practices and Health Risks of Teleworkers: Survey Findings From Taiwan After the COVID-19 Pandemic

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*National Taiwan University, Taiwan

A Debiasing Checklist Has the Potential to Improve Efficiency, Effectiveness, and Outcomes in Claims of Work Injury

Cordero Rafael*, Ponce Haley & Ramtin Sina

*Dell Medical School at the University of Texas at Austin, USA

Gestational Weight Gain as a Modifiable Factor for the Impact of Preconceptional Maternal Shift Work on Postpartum Weight Retention

Wei Chih-Fu*, Chen Mei-Huei & Chen Pau-Chung

*Harvard T.H. Chan School of Public Health, USA

EDITORIAL

Still Running on Fumes—Contaminated Cabin Air and Health Consequences

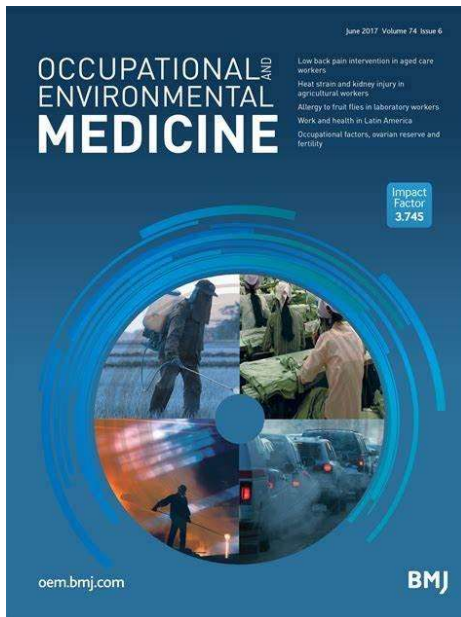
Anderson Judith* & McNeely Eileen

*Harvard University, USA

OBITUARY

A Remarkable Life: In Memoriam: Lloyd Barton Tepper, MD, ScD Green-McKenzie Judith*

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Melatonin supplementation and oxidative DNA damage repair capacity among night shift workers: a randomised placebo-controlled trial

Umamiah Zaniif*, Agnes S Lai & Parveen Bhatti * BC Cancer Research Institute, Vancouver, British Columbia, Canada

Mesothelioma risks and cumulative exposure to elongate mineral particles of various sizes in Minnesota taconite mining industry

Yuan Shao*, Gurumurthy Ramachandran & Bruce H Alexander * University of Minnesota Twin Cities, USA

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* Shandong University, Jinan, Shandong, China

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Occupational exposure to respirable and inhalable dust and its components in a Nicaraguan sugarcane plantation

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*Utrecht University, Utrecht, The Netherlands

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Opioid use among injured workers: pain and the return-to-work experience

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Physical workload during pregnancy and adverse pregnancy outcomes: results from a Danish nationwide occupational register-based pregnancy cohort

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*Copenhagen University Hospital, Denmark

Impact of sedentary behaviour reduction on desk-worker workplace satisfaction, productivity, mood and health-related quality of life: a randomised trial

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*West Virginia University, USA

Cardiovascular mortality among seafarers: a Danish nationwide cohort study

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*University of Southern Denmark, Denmark

Vitamin D levels in Portuguese Navy military personnel: a cross-sectional study

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*Military University Institute, Portugal

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*The University of Alabama at Birmingham, USA

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*Veterans Affairs Canada, Canada

Occupational exposure and chronic bronchitis in a sample of the general population in Telemark, Norway: a two-phased cross-sectional study

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*Yonsei University, South Korea

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*Federal Office for Radiation Protection, Germany

Mortality and cancer incidence among Queensland coal mine workers: a retrospective cohort

Deborah Catherine Glass*, Stella May Gwini & Karen Walker-Bone

*Monash University School of Public Health and Preventive Medicine, Australia

Occupational differences in COVID-19 hospital admission and mortality risks between women and men in Scotland: a population-based study using linked administrative data

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*University of Glasgow, UK

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Lee S Friedman*, Linda Forst & Dana Madigan

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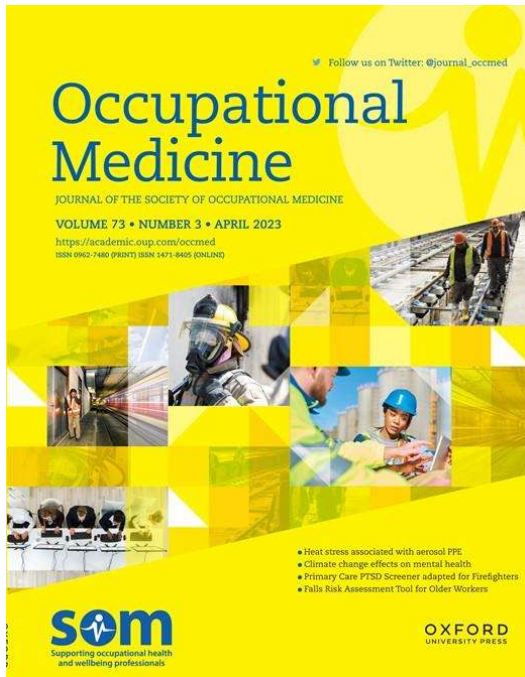
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Exposure assessment

A less detailed job axis in a quantitative job-exposure matrix results in a similar exposure-response association

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*Utrecht University, Netherlands



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A better approach to mitigate the risk of airborne infections in workplaces

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*University of Manchester, UK

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*Norwegian Labour Inspection Authority, Norway

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*Institut de recherche Robert-Sauvé en santé et en sécurité du travail, Canada

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*University of Cape Town, South Africa

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*The Catholic University of Korea, Republic of Korea

Presenteeism and physio-psychological disorders among frontline nurses fighting COVID-19

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*Cheeloo College of Medicine, Shandong University, China

A service evaluation of PTSD Resolution therapy for military veterans

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*Department of Psychological Medicine, UK

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University of Nottingham, UK

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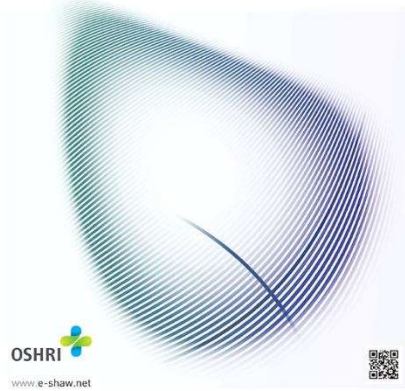
M Belingheri*, M A Riva & M E Paladino

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MCQs, MEQs and OSPEs in Occupational Medicine: A Revision Aid

Natalie Green



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Current Status of Processes and Hazardous Chemicals of Lithium-ion Battery Industries in the Republic of Korea

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* Korea Occupational Safety and Health Agency (KOSHA), Republic of Korea

Health Challenges Among Waste Collectors in Bangladesh: Exploring Risk Factors Using Multi-level Modeling

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* Comilla University, Bangladesh

Assessing the Psychometric Properties of the French-Canadian Version of the Psychological Safety Climate Questionnaire (PSC-12)

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* Laval University, Quebec City, Canada

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* Chiang Mai University, Thailand

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* Loughborough University, Loughborough, United Kingdom

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* Unit Exposure Monitoring and Cause-Effect Relationships, Germany

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* Korea Workers' Compensation & Welfare Service, Republic of Korea

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Marie-Eve Corneau* & Martin Lauzier

*Université du Québec en Outaouais, Canada

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*University Graduate School of Biomedical Sciences, Japan

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*Texas A&M University, USA

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*Universidad Espiritu Santo UEES, Ecuador

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*University of Occupational and Environmental Health, Japan

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*Mongolian National University of Medical Science, Mongolia

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*University of Occupational and Environmental Health, Japan

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*Autonomous University of the State of Morelos, Mexico

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*Sri Ramachandra Institute of Higher Education and Research, India

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Hyo Jeong Kim*, Seong-Sik Cho & Mo-Yeol Kang

*The Catholic University of Korea, Republic of Korea

Europe's Overlooked Health and Hygiene Issues in Migrant Worker Housing: A Call for Action

Yogindra Samant*, Mireya R. Fabregat & Mahinda Seneviratne

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Changing of the guards at the Scandinavian Journal of Work, Environment & Health

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Workplace-based prevention and management of knee pain: a systematic review

Skovlund SV*, Østergaard MSE & Sundstrup E

* National Research Centre for the Working Environment, Denmark

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Emotional dissonance and mental health among home-care workers: A nationwide prospective study of the moderating role of leadership behaviors

Johannessen HA*, Nielsen MB & Christensen JO

* National Institute of Occupational Health in Norway, Norway

Multidimensional employment trajectories and dynamic links with mental health: Evidence from the UK Household Longitudinal Study

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*School of Health & Wellbeing, University of Glasgow, United Kingdom

The consequences of after-hours work: a fixed-effect study of burnout, pain, detachment and work-home conflict among Norwegian workers

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*Work Research Institute, OsloMet – Oslo Metropolitan University, Norway

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Prevention of hypertension due to long working hours and other work hazards is needed to reduce the risk of cardiovascular disease

Landsbergis P*, Gilbert-Ouimet M & Descatha A, Li J

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Remote work – the new normal needs more research

Ropponen A*

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Parental precarious employment and the mental health of adolescents: a Swedish registry study

Aronsson AE*, Thern E & Mangot-Sala L

*Mannheim University, Germany

Short- and long-term health effects of job insecurity. Fixed effects panel analysis of German data

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*Sichuan University, China

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*University of Oslo, Norway

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Solovieva S*, Descatha A & Kjellberg K

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Peer review: Together we can make it work

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*Ghent University, Ghent, Belgium.

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*Radboud University, The Netherland

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*National Institute for Public Health and the Environment, The Netherland

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*The National Research Centre for the Working Environment, Denmark

Cost analysis comparing guideline-oriented biopsychosocial management to usual care for low-back pain: a cluster-randomized trial in occupational health primary care

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*University of Oulu, Finland

Associations of minority stress and employment discrimination with job quality among sexual- and gender-minority workers

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*Stanford University School of Medicine, USA

Occupational history of psychosocial work environment exposures and risk of autoimmune rheumatic diseases – a Danish register-based cohort study

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*National Research Centre for the Working Environment, Denmark

Combined exposure to night work and noise in relation to hyperglycemia among long-term night workers: a nationwide population-based prospective cohort study

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*National Taiwan University, Taiwan

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*Maastricht University, The Netherlands

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Is the association between working from home and higher frequency of drinking and heavy episodic drinking causal? A longitudinal analysis in the Norwegian workforce

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Celebrating the Legacy of a Century of Scientific Research Published by La Medicina del Lavoro

Antonio Mutti*

*Editor in chief La Medicina del Lavoro

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*Medico del Lavoro ed Epidemiologo, Bari

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*University of Bologna, Bologna, Italy

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*Local Health Authority, Bologna, Italy

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Occupational Rhizarthrosis Treated Surgically: Effects on Work Performance

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Assessing Work Addiction: Validity of the Italian Version of the Work Addiction Risk Test

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*University of Trieste, Italy