

Jennifer Cavallari Scd, Cih

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,502
citations

331670

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docs citations

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times ranked

2283
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Toenail, Blood, and Urine as Biomarkers of Manganese Exposure. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 506-510. | 1.7 | 104 |
| 2 | PM2.5 metal exposures and nocturnal heart rate variability: a panel study of boilermaker construction workers. <i>Environmental Health</i> , 2008, 7, 36. | 4.0 | 88 |
| 3 | Toenail Metal Concentration as a Biomarker of Occupational Welding Fume Exposure. <i>Journal of Occupational and Environmental Hygiene</i> , 2014, 11, 397-405. | 1.0 | 70 |
| 4 | Neuropsychological effects of low-level manganese exposure in welders. <i>NeuroToxicology</i> , 2011, 32, 171-179. | 3.0 | 69 |
| 5 | Traffic-related air pollution exposures and changes in heart rate variability in Mexico City: A panel study. <i>Environmental Health</i> , 2013, 12, 7. | 4.0 | 68 |
| 6 | A panel study of occupational exposure to fine particulate matter and changes in DNA methylation over a single workday and years worked in boilermaker welders. <i>Environmental Health</i> , 2013, 12, 47. | 4.0 | 64 |
| 7 | Obesity Is A Modifier of Autonomic Cardiac Responses to Fine Metal Particulates. <i>Environmental Health Perspectives</i> , 2007, 115, 1002-1006. | 6.0 | 60 |
| 8 | Traffic-related exposures and biomarkers of systemic inflammation, endothelial activation and oxidative stress: a panel study in the US trucking industry. <i>Environmental Health</i> , 2013, 12, 105. | 4.0 | 54 |
| 9 | Cardiovascular and stress responses to short-term noise exposuresâ€”A panel study in healthy males. <i>Environmental Research</i> , 2016, 150, 391-397. | 7.5 | 54 |
| 10 | Dermal Exposure and Urinary 1-Hydroxypyrene among Asphalt Roofing Workers. <i>Journal of Occupational and Environmental Hygiene</i> , 2007, 4, 118-126. | 1.0 | 47 |
| 11 | Time Course of Heart Rate Variability Decline Following Particulate Matter Exposures in an Occupational Cohort. <i>Inhalation Toxicology</i> , 2008, 20, 415-422. | 1.6 | 46 |
| 12 | Acute Changes in Vascular Function Among Welders Exposed to Metal-Rich Particulate Matter. <i>Epidemiology</i> , 2008, 19, 217-225. | 2.7 | 44 |
| 13 | Vascular Function, Inflammation, and Variations in Cardiac Autonomic Responses to Particulate Matter Among Welders. <i>American Journal of Epidemiology</i> , 2009, 169, 848-856. | 3.4 | 42 |
| 14 | Exposure, health effects, sensing, and remediation of the emerging PFAS contaminants â€” Scientific challenges and potential research directions. <i>Science of the Total Environment</i> , 2021, 780, 146399. | 8.0 | 42 |
| 15 | Night Heart Rate Variability and Particulate Exposures among Boilermaker Construction Workers. <i>Environmental Health Perspectives</i> , 2007, 115, 1046-1051. | 6.0 | 36 |
| 16 | Urinary 8-Isoprostane and 8-OHdG Concentrations in Boilermakers With Welding Exposure. <i>Journal of Occupational and Environmental Medicine</i> , 2008, 50, 182-189. | 1.7 | 36 |
| 17 | Defining â€”Integrationâ€”™ for Total Worker Health®: A New Proposal. <i>Annals of Work Exposures and Health</i> , 2020, 64, 223-235. | 1.4 | 36 |
| 18 | Predictors of Airborne Exposures to Polycyclic Aromatic Compounds and Total Organic Matter among Hot-Mix Asphalt Paving Workers and Influence of Work Conditions and Practices. <i>Annals of Occupational Hygiene</i> , 2012, 56, 138-147. | 1.9 | 34 |

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|----|--|-----|-----------|
| 19 | The Association Between Global DNA Methylation and Telomere Length in a Longitudinal Study of Boilermakers. <i>Genetic Epidemiology</i> , 2014, 38, 254-264. | 1.3 | 31 |
| 20 | Inverse association between toenail arsenic and body mass index in a population of welders. <i>Environmental Research</i> , 2014, 131, 131-133. | 7.5 | 31 |
| 21 | Heart rate variability and DNA methylation levels are altered after short-term metal fume exposure among occupational welders: a repeated-measures panel study. <i>BMC Public Health</i> , 2014, 14, 1279. | 2.9 | 28 |
| 22 | Secondhand tobacco smoke exposure and heart rate variability and inflammation among non-smoking construction workers: a repeated measures study. <i>Environmental Health</i> , 2013, 12, 83. | 4.0 | 23 |
| 23 | Using Urinary Biomarkers of Polycyclic Aromatic Compound Exposure to Guide Exposure-Reduction Strategies Among Asphalt Paving Workers. <i>Annals of Occupational Hygiene</i> , 2012, 56, 1013-24. | 1.9 | 21 |
| 24 | Traditional and environmentally preferable cleaning product exposure and health symptoms in custodians. <i>American Journal of Industrial Medicine</i> , 2015, 58, 988-995. | 2.1 | 20 |
| 25 | Office workers with high effort-reward imbalance and overcommitment have greater decreases in heart rate variability over a 2-h working period. <i>International Archives of Occupational and Environmental Health</i> , 2015, 88, 565-575. | 2.3 | 20 |
| 26 | Assessment of Occupational Exposure to Manganese and Other Metals in Welding Fumes by Portable X-ray Fluorescence Spectrometer. <i>Journal of Occupational and Environmental Hygiene</i> , 2010, 7, 456-465. | 1.0 | 19 |
| 27 | Circadian variation of heart rate variability among welders. <i>Occupational and Environmental Medicine</i> , 2010, 67, 717-719. | 2.8 | 17 |
| 28 | Study Design and Methods to Investigate Inhalation and Dermal Exposure to Polycyclic Aromatic Compounds and Urinary Metabolites from Asphalt Paving Workers: Research Conducted through Partnership. <i>Polycyclic Aromatic Compounds</i> , 2011, 31, 243-269. | 2.6 | 16 |
| 29 | Differences in the prevalence of musculoskeletal symptoms among female and male custodians. <i>American Journal of Industrial Medicine</i> , 2016, 59, 841-852. | 2.1 | 16 |
| 30 | Circulating adhesion molecules after short-term exposure to particulate matter among welders. <i>Occupational and Environmental Medicine</i> , 2010, 67, 11-16. | 2.8 | 15 |
| 31 | Predictors of Dermal Exposures to Polycyclic Aromatic Compounds Among Hot-Mix Asphalt Paving Workers. <i>Annals of Occupational Hygiene</i> , 2011, 56, 125-37. | 1.9 | 15 |
| 32 | Personal Breathing Zone Exposures among Hot-Mix Asphalt Paving Workers; Preliminary Analysis for Trends and Analysis of Work Practices That Resulted in the Highest Exposure Concentrations. <i>Journal of Occupational and Environmental Hygiene</i> , 2013, 10, 663-673. | 1.0 | 15 |
| 33 | Temperature-Dependent Emission Concentrations of Polycyclic Aromatic Hydrocarbons in Paving and Built-Up Roofing Asphalts. <i>Annals of Occupational Hygiene</i> , 2012, 56, 148-60. | 1.9 | 13 |
| 34 | GuLF DREAM: A Model to Estimate Dermal Exposure Among Oil Spill Response and Clean-up Workers. <i>Annals of Work Exposures and Health</i> , 2019, . . | 1.4 | 13 |
| 35 | Acute Decrease in HDL Cholesterol Associated With Exposure to Welding Fumes. <i>Journal of Occupational and Environmental Medicine</i> , 2011, 53, 17-21. | 1.7 | 12 |
| 36 | Spatial and temporal determinants of A-weighted and frequency specific sound levels—An elastic net approach. <i>Environmental Research</i> , 2017, 159, 491-499. | 7.5 | 12 |

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|----|--|-----|-----------|
| 37 | Application of linear mixed-effects model with LASSO to identify metal components associated with cardiac autonomic responses among welders: a repeated measures study. <i>Occupational and Environmental Medicine</i> , 2017, 74, 810-815. | 2.8 | 12 |
| 38 | Time Course of Heart Rate Variability Response to PM2.5 Exposure from Secondhand Smoke. <i>PLoS ONE</i> , 2016, 11, e0154783. | 2.5 | 11 |
| 39 | Worker perspectives on the impact of non-standard workdays on worker and family well-being: A qualitative study. <i>BMC Public Health</i> , 2021, 21, 2230. | 2.9 | 11 |
| 40 | Working Time Characteristics and Mental Health among Corrections and Transportation Workers. <i>Annals of Work Exposures and Health</i> , 2021, 65, 432-445. | 1.4 | 10 |
| 41 | Characterization of Urinary Phthalate Metabolites Among Custodians. <i>Annals of Occupational Hygiene</i> , 2015, 59, 982-999. | 1.9 | 9 |
| 42 | Environmental and occupational particulate matter exposures and ectopic heart beats in welders. <i>Occupational and Environmental Medicine</i> , 2016, 73, 435-441. | 2.8 | 8 |
| 43 | Safety climate, hearing climate and hearing protection device use among transportation road maintainers. <i>American Journal of Industrial Medicine</i> , 2019, 62, 590-599. | 2.1 | 8 |
| 44 | Participatory survey design of a workforce health needs assessment for correctional supervisors. <i>American Journal of Industrial Medicine</i> , 2021, 64, 414-430. | 2.1 | 8 |
| 45 | Perceptions of clinical support for employed breast cancer survivors managing work and health challenges. <i>Journal of Cancer Survivorship</i> , 2021, 15, 890-905. | 2.9 | 8 |
| 46 | Digital video clips for improved pedagogy and illustration of scientific research – with illustrative video clips on atomic spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 1999, 54, 1903-1918. | 2.9 | 7 |
| 47 | An epigenome-wide association analysis of cardiac autonomic responses among a population of welders. <i>Epigenetics</i> , 2017, 12, 71-76. | 2.7 | 7 |
| 48 | Work-related fatigue: A hazard for workers experiencing disproportionate occupational risks. <i>American Journal of Industrial Medicine</i> , 2022, 65, 913-925. | 2.1 | 7 |
| 49 | Whole Body Vibration Exposures in Long-haul Truck Drivers. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2015, 59, 1274-1278. | 0.3 | 6 |
| 50 | Pilot Study for the Investigation of Personal Breathing Zone and Dermal Exposure Using Levels of Polycyclic Aromatic Compounds (PAC) and PAC Metabolites in the Urine of Hot-Mix Asphalt Paving Workers. <i>Polycyclic Aromatic Compounds</i> , 2011, 31, 173-200. | 2.6 | 5 |
| 51 | Long-Term Metal PM2.5 Exposures Decrease Cardiac Acceleration and Deceleration Capacities in Welders. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, 227-231. | 1.7 | 5 |
| 52 | Short-term metal particulate exposures decrease cardiac acceleration and deceleration capacities in welders: a repeated-measures panel study. <i>Occupational and Environmental Medicine</i> , 2016, 73, 91-96. | 2.8 | 5 |
| 53 | Leisure-Time Physical Activity and General Health Mitigate Effects of Job Demands on Nonrestorative Sleep. <i>Journal of Occupational and Environmental Medicine</i> , 2021, 63, 665-672. | 1.7 | 5 |
| 54 | Precarious Work Schedules and Sleep: A Study of Unionized Full-Time Workers. <i>Occupational Health Science</i> , 2022, 6, 247-277. | 1.6 | 5 |

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|----|---|-----|-----------|
| 55 | Scale-out of a Total Worker Health® approach for designing interventions to reduce teacher stress: pilot implementation evaluation. BMC Public Health, 2022, 22, 814. | 2.9 | 5 |
| 56 | Toenail, Blood and Urine as Biomarkers of Occupational Exposure to Manganese. Epidemiology, 2011, 22, S93-S94. | 2.7 | 4 |
| 57 | Investigating the relationship between working time characteristics on musculoskeletal symptoms: a cross sectional study. Archives of Environmental and Occupational Health, 2022, 77, 141-148. | 1.4 | 4 |
| 58 | Participatory Assessment and Selection of Workforce Health Intervention Priorities for Correctional Supervisors. Journal of Occupational and Environmental Medicine, 2022, 64, 578-592. | 1.7 | 4 |
| 59 | Demographic, health-related, and work-related factors associated with body mass index and body fat percentage among workers at six Connecticut manufacturing companies across different age groups: a cohort study. BMC Obesity, 2015, 2, 43. | 3.1 | 3 |
| 60 | Development and application of a noise-hazard scheme for road maintainers. American Journal of Industrial Medicine, 2020, 63, 429-434. | 2.1 | 3 |
| 61 | Evaluation of the HearWell Pilot Program: A Participatory Total Worker Health® Approach to Hearing Conservation. International Journal of Environmental Research and Public Health, 2021, 18, 9529. | 2.6 | 3 |
| 62 | 0231... Acute inflammatory response to secondhand smoke exposure among non-smoking construction workers: a repeated measures study0231... Acute inflammatory response to secondhand smoke exposure among non-smoking construction workers: a repeated measures study. Occupational and Environmental Medicine, 2014, 71, A31.3-A32. | 2.8 | 2 |
| 63 | Are the Associations of Cardiac Acceleration and Deceleration Capacities With Fine Metal Particulate in Welders Mediated by Inflammation?. Journal of Occupational and Environmental Medicine, 2016, 58, 232-237. | 1.7 | 2 |
| 64 | The effects of a new seat suspension system on whole body vibration exposure and driver low back pain and disability: Results from a randomized controlled trial in truck drivers. Applied Ergonomics, 2022, 98, 103588. | 3.1 | 2 |
| 65 | Traumatic Incidents at Work, Work-to-Family Conflict, and Depressive Symptoms Among Correctional Supervisors: The Moderating Role of Social Support. Occupational Health Science, 0, , 1. | 1.6 | 1 |
| 66 | Musculoskeletal Health and Perceived Work Ability in a Manufacturing Workforce. Occupational Health Science, 0, , 1. | 1.6 | 1 |
| 67 | The Characterization of Polycyclic Aromatic Hydrocarbons in Northeastern US Trucking Terminals. Annals of Work Exposures and Health, 2017, 61, 844-853. | 1.4 | 0 |
| 68 | Adaptive reuse and its impacts on the acoustical environment and public health of community residents: the case of Fenway, Boston, MA. Cities and Health, 0, , 1-11. | 2.6 | 0 |