Jennifer Cavallari Scd, Cih

List of Publications by Year
in descending order

68 papers	1,502 citations	331670 21 h-index	345221 36 g-index
68 all docs	68 docs citations	68 times ranked	2283 citing authors

#	Article	IF	Citations
1	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
2	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
3	Workâ€related fatigue: A hazard for workers experiencing disproportionate occupational risks. American Journal of Industrial Medicine, 2022, 65, 913-925.	2.1	7
4	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
5	Precarious Work Schedules and Sleep: A Study of Unionized Full-Time Workers. Occupational Health Science, 2022, 6, 247-277.	1.6	5
6	Scale-out of a Total Worker HealthÂ® approach for designing interventions to reduce teacher stress: pilot implementation evaluation. BMC Public Health, 2022, 22, 814.	2.9	5
7	Working Time Characteristics and Mental Health among Corrections and Transportation Workers. Annals of Work Exposures and Health, 2021, 65, 432-445.	1.4	10
8	Leisure-Time Physical Activity and General Health Mitigate Effects of Job Demands on Nonrestorative Sleep. Journal of Occupational and Environmental Medicine, 2021, 63, 665-672.	1.7	5
9	Exposure, health effects, sensing, and remediation of the emerging PFAS contaminants â€“ Scientific challenges and potential research directions. Science of the Total Environment, 2021, 780, 146399.	8.0	42
10	Evaluation of the HearWell Pilot Program: A Participatory Total Worker HealthÂ® Approach to Hearing Conservation. International Journal of Environmental Research and Public Health, 2021, 18, 9529.	2.6	3
11	Participatory survey design of a workforce health needs assessment for correctional supervisors. American Journal of Industrial Medicine, 2021, 64, 414-430.	2.1	8
12	Perceptions of clinical support for employed breast cancer survivors managing work and health challenges. Journal of Cancer Survivorship, 2021, 15, 890-905.	2.9	8
13	Worker perspectives on the impact of non-standard workdays on worker and family well-being: A qualitative study. BMC Public Health, 2021, 21, 2230.	2.9	11
14	Development and application of a noiseâ€hazard scheme for road maintainers. American Journal of Industrial Medicine, 2020, 63, 429-434.	2.1	3
15	Defining â€˜Integrationâ€™ for Total Worker HealthÂ®: A New Proposal. Annals of Work Exposures and Health, 2020, 64, 223-235.	1.4	36
16	GuLF DREAM: A Model to Estimate Dermal Exposure Among Oil Spill Response and Clean-up Workers. Annals of Work Exposures and Health, 2019, , .	1.4	13
17	Safety climate, hearing climate and hearing protection device use among transportation road maintainers. American Journal of Industrial Medicine, 2019, 62, 590-599.	2.1	8
18	An epigenome-wide association analysis of cardiac autonomic responses among a population of welders. Epigenetics, 2017, 12, 71-76.	2.7	7

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19	Spatial and temporal determinants of A-weighted and frequency specific sound levelsâ€"An elastic net approach. Environmental Research, 2017, 159, 491-499.	7.5	12
20	The Characterization of Polycyclic Aromatic Hydrocarbons in Northeastern US Trucking Terminals. Annals of Work Exposures and Health, 2017, 61, 844-853.	1.4	0
21	Application of linear mixed-effects model with LASSO to identify metal components associated with cardiac autonomic responses among welders: a repeated measures study. Occupational and Environmental Medicine, 2017, 74, 810-815.	2.8	12
22	Long-Term Metal PM2.5 Exposures Decrease Cardiac Acceleration and Deceleration Capacities in Welders. Journal of Occupational and Environmental Medicine, 2016, 58, 227-231.	1.7	5
23	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
24	Cardiovascular and stress responses to short-term noise exposuresâ€"A panel study in healthy males. Environmental Research, 2016, 150, 391-397.	7.5	54
25	Short-term metal particulate exposures decrease cardiac acceleration and deceleration capacities in welders: a repeated-measures panel study. Occupational and Environmental Medicine, 2016, 73, 91-96.	2.8	5
26	Environmental and occupational particulate matter exposures and ectopic heart beats in welders. Occupational and Environmental Medicine, 2016, 73, 435-441.	2.8	8
27	Differences in the prevalence of musculoskeletal symptoms among female and male custodians. American Journal of Industrial Medicine, 2016, 59, 841-852.	2.1	16
28	Time Course of Heart Rate Variability Response to PM2.5 Exposure from Secondhand Smoke. PLoS ONE, 2016, 11, e0154783.	2.5	11
29	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
30	Traditional and environmentally preferable cleaning product exposure and health symptoms in custodians. American Journal of Industrial Medicine, 2015, 58, 988-995.	2.1	20
31	Whole Body Vibration Exposures in Long-haul Truck Drivers. Proceedings of the Human Factors and Ergonomics Society, 2015, 59, 1274-1278.	0.3	6
32	Characterization of Urinary Phthalate Metabolites Among Custodians. Annals of Occupational Hygiene, 2015, 59, 982-999.	1.9	9
33	Office workers with high effortâ€"reward imbalance and overcommitment have greater decreases in heart rate variability over a 2-h working period. International Archives of Occupational and Environmental Health, 2015, 88, 565-575.	2.3	20
34	Heart rate variability and DNA methylation levels are altered after short-term metal fume exposure among occupational welders: a repeated-measures panel study. BMC Public Health, 2014, 14, 1279.	2.9	28
35	0231â€... Acute inflammatory response to secondhand smoke exposure among non-smoking construction workers: a repeated measures study0231â€... 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
36	Toenail Metal Concentration as a Biomarker of Occupational Welding Fume Exposure. Journal of Occupational and Environmental Hygiene, 2014, 11, 397-405.	1.0	70

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37	The Association Between Global DNA Methylation and Telomere Length in a Longitudinal Study of Boilermakers. Genetic Epidemiology, 2014, 38, 254-264.	1.3	31
38	Inverse association between toenail arsenic and body mass index in a population of welders. Environmental Research, 2014, 131, 131-133.	7.5	31
39	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. Environmental Health, 2013, 12, 47.	4.0	64
40	Traffic-related air pollution exposures and changes in heart rate variability in Mexico City: A panel study. Environmental Health, 2013, 12, 7.	4.0	68
41	Traffic-related exposures and biomarkers of systemic inflammation, endothelial activation and oxidative stress: a panel study in the US trucking industry. Environmental Health, 2013, 12, 105.	4.0	54
42	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. Journal of Occupational and Environmental Hygiene, 2013, 10, 663-673.	1.0	15
43	Secondhand tobacco smoke exposure and heart rate variability and inflammation among non-smoking construction workers: a repeated measures study. Environmental Health, 2013, 12, 83.	4.0	23
44	Using Urinary Biomarkers of Polycyclic Aromatic Compound Exposure to Guide Exposure-Reduction Strategies Among Asphalt Paving Workers. Annals of Occupational Hygiene, 2012, 56, 1013-24.	1.9	21
45	Temperature-Dependent Emission Concentrations of Polycyclic Aromatic Hydrocarbons in Paving and Built-Up Roofing Asphalts. Annals of Occupational Hygiene, 2012, 56, 148-60.	1.9	13
46	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. Annals of Occupational Hygiene, 2012, 56, 138-147.	1.9	34
47	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. Polycyclic Aromatic Compounds, 2011, 31, 173-200.	2.6	5
48	Predictors of Dermal Exposures to Polycyclic Aromatic Compounds Among Hot-Mix Asphalt Paving Workers. Annals of Occupational Hygiene, 2011, 56, 125-37.	1.9	15
49	Neuropsychological effects of low-level manganese exposure in welders. NeuroToxicology, 2011, 32, 171-179.	3.0	69
50	Acute Decrease in HDL Cholesterol Associated With Exposure to Welding Fumes. Journal of Occupational and Environmental Medicine, 2011, 53, 17-21.	1.7	12
51	Toenail, Blood, and Urine as Biomarkers of Manganese Exposure. Journal of Occupational and Environmental Medicine, 2011, 53, 506-510.	1.7	104
52	Toenail, Blood and Urine as Biomarkers of Occupational Exposure to Manganese. Epidemiology, 2011, 22, S93-S94.	2.7	4
53	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. Polycyclic Aromatic Compounds, 2011, 31, 243-269.	2.6	16
54	Circulating adhesion molecules after short-term exposure to particulate matter among welders. Occupational and Environmental Medicine, 2010, 67, 11-16.	2.8	15

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55	Assessment of Occupational Exposure to Manganese and Other Metals in Welding Fumes by Portable X-ray Fluorescence Spectrometer. Journal of Occupational and Environmental Hygiene, 2010, 7, 456-465.	1.0	19
56	Circadian variation of heart rate variability among welders. Occupational and Environmental Medicine, 2010, 67, 717-719.	2.8	17
57	Vascular Function, Inflammation, and Variations in Cardiac Autonomic Responses to Particulate Matter Among Welders. American Journal of Epidemiology, 2009, 169, 848-856.	3.4	42
58	PM2.5 metal exposures and nocturnal heart rate variability: a panel study of boilermaker construction workers. Environmental Health, 2008, 7, 36.	4.0	88
59	Time Course of Heart Rate Variability Decline Following Particulate Matter Exposures in an Occupational Cohort. Inhalation Toxicology, 2008, 20, 415-422.	1.6	46
60	Acute Changes in Vascular Function Among Welders Exposed to Metal-Rich Particulate Matter. Epidemiology, 2008, 19, 217-225.	2.7	44
61	Urinary 8-Isoprostane and 8-OHdG Concentrations in Boilermakers With Welding Exposure. Journal of Occupational and Environmental Medicine, 2008, 50, 182-189.	1.7	36
62	Dermal Exposure and Urinary 1-Hydroxypyrene among Asphalt Roofing Workers. Journal of Occupational and Environmental Hygiene, 2007, 4, 118-126.	1.0	47
63	Night Heart Rate Variability and Particulate Exposures among Boilermaker Construction Workers. Environmental Health Perspectives, 2007, 115, 1046-1051.	6.0	36
64	Obesity Is A Modifier of Autonomic Cardiac Responses to Fine Metal Particulates. Environmental Health Perspectives, 2007, 115, 1002-1006.	6.0	60
65	Digital video clips for improved pedagogy and illustration of scientific research â€" with illustrative video clips on atomic spectrometry. Spectrochimica Acta, Part B: Atomic Spectroscopy, 1999, 54, 1903-1918.	2.9	7
66	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
67	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
68	Musculoskeletal Health and Perceived Work Ability in a Manufacturing Workforce. Occupational Health Science, 0, , 1.	1.6	1