

# Catherine M Trask

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,265  
citations

430874

18  
h-index

454955

30  
g-index

79  
all docs

79  
docs citations

79  
times ranked

1341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of videoconferencing for physical therapy in people with musculoskeletal conditions: A systematic review. <i>Journal of Telemedicine and Telecare</i> , 2018, 24, 341-355.	2.7	112
2	Measuring posture for epidemiology: Comparing inclinometry, observations and self-reports. <i>Ergonomics</i> , 2009, 52, 1067-1078.	2.1	62
3	Measuring low back injury risk factors in challenging work environments: An evaluation of cost and feasibility. <i>American Journal of Industrial Medicine</i> , 2007, 50, 687-696.	2.1	60
4	Addressing rural and remote access disparities for patients with inflammatory arthritis through videoconferencing and innovative interprofessional care models. <i>Musculoskeletal Care</i> , 2018, 16, 90-95.	1.4	55
5	Ergonomic analysis of postural and muscular loads to diagnostic sonographers. <i>International Journal of Industrial Ergonomics</i> , 2007, 37, 781-789.	2.6	52
6	Assessing whole body vibration exposure for use in epidemiological studies of back injuries: measurements, observations and self-reports. <i>Ergonomics</i> , 2012, 55, 415-424.	2.1	39
7	Cost-efficient assessment of biomechanical exposure in occupational groups, exemplified by posture observation and inclinometry. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014, 40, 252-265.	3.4	39
8	Turbulent Touch. , 2017, , .		38
9	Full-Shift Trunk and Upper Arm Postures and Movements Among Aircraft Baggage Handlers. <i>Annals of Occupational Hygiene</i> , 2016, 60, 977-990.	1.9	35
10	Contact with livestock ? a protective effect against allergies and asthma?. <i>Clinical and Experimental Allergy</i> , 2006, 36, 1122-1129.	2.9	34
11	A Biopsychosocial Profile of Adult Canadians with and without Chronic Back Disorders: A Population-Based Analysis of the 2009-2010 Canadian Community Health Surveys. <i>BioMed Research International</i> , 2014, 2014, 1-11.	1.9	34
12	Prevalence of Musculoskeletal Disorders Among Saskatchewan Farmers. <i>Journal of Agromedicine</i> , 2015, 20, 292-301.	1.5	34
13	Farmers, mechanized work, and links to obesity. <i>Preventive Medicine</i> , 2015, 70, 59-63.	3.4	34
14	Development and evaluation of an observational Back-Exposure Sampling Tool (Back-EST) for work-related back injury risk factors. <i>Applied Ergonomics</i> , 2009, 40, 538-544.	3.1	33
15	Data collection costs in industrial environments for three occupational posture exposure assessment methods. <i>BMC Medical Research Methodology</i> , 2012, 12, 89.	3.1	31
16	Self-reported use of family physician, chiropractor and physiotherapy services among adult Canadians with chronic back disorders: an observational study. <i>BMC Health Services Research</i> , 2018, 18, 970.	2.2	24
17	Whole body vibration exposure patterns in Canadian prairie farmers. <i>Ergonomics</i> , 2017, 60, 1064-1073.	2.1	23
18	<p>&lt;p>Experience of patients and practitioners with a team and technology approach to chronic back disorder management&lt;p>&lt;p>. <i>Journal of Multidisciplinary Healthcare</i> , 2019, Volume 12, 855-869.	2.7	22

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19	Potential exoskeleton uses for reducing low back muscular activity during farm tasks. <i>American Journal of Industrial Medicine</i> , 2020, 63, 1017-1028.	2.1	22
20	Mapping Physiotherapy Use in Canada in Relation to Physiotherapist Distribution. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2019, 71, 213-219.	0.6	21
21	Towards a deeper understanding of parenting on farms: A qualitative study. <i>PLoS ONE</i> , 2018, 13, e0198796.	2.5	20
22	How Long Is Long Enough? Evaluating Sampling Durations for Low Back EMG Assessment. <i>Journal of Occupational and Environmental Hygiene</i> , 2008, 5, 664-670.	1.0	18
23	The combined fatigue effects of sequential exposure to seated whole body vibration and physical, mental, or concurrent work demands. <i>PLoS ONE</i> , 2017, 12, e0188468.	2.5	18
24	Exploring head and neck vibration exposure from quad bike use in agriculture. <i>International Journal of Industrial Ergonomics</i> , 2018, 66, 63-69.	2.6	18
25	A Systematic Review of Occupational Exposure to Hydrogen Sulfide in Livestock Operations. <i>Journal of Agromedicine</i> , 2015, 20, 225-236.	1.5	17
26	Observer variability in posture assessment from video recordings: The effect of partly visible periods. <i>Applied Ergonomics</i> , 2017, 60, 275-281.	3.1	17
27	Design and evaluation of braced touch for touchscreen input stabilisation. <i>International Journal of Human Computer Studies</i> , 2019, 122, 21-37.	5.6	17
28	Data processing costs for three posture assessment methods. <i>BMC Medical Research Methodology</i> , 2013, 13, 124.	3.1	16
29	Demographic and Health Characteristics of Rural- and Urban-Dwelling Canadians With Chronic Back Disorders. <i>Spine</i> , 2014, 39, 1960-1968.	2.0	16
30	The Hierarchy of Control in the Epidemic of Farm Injury. <i>Journal of Agromedicine</i> , 2015, 20, 360-369.	1.5	16
31	EMG estimated mean, peak, and cumulative spinal compression of workers in five heavy industries. <i>International Journal of Industrial Ergonomics</i> , 2010, 40, 448-454.	2.6	14
32	Get â€™Er Done: Experiences of Canadian Farmers Living with Chronic Low Back Disorders. <i>Physiotherapy Canada Physiotherapie Canada</i> , 2019, 71, 24-33.	0.6	14
33	Prevalence and Occupational Impact of Arthritis in Saskatchewan Farmers. <i>Journal of Agromedicine</i> , 2015, 20, 205-216.	1.5	13
34	The association between awkward working posture and low back disorders in farmers: a systematic review. <i>Journal of Agromedicine</i> , 2019, 24, 74-89.	1.5	13
35	Economic analysis of new workplace technology including productivity and injury: The case of needle-less injection in swine. <i>PLoS ONE</i> , 2020, 15, e0233599.	2.5	13
36	Anthropometry-Corrected Exposure Modeling as a Method to Improve Trunk Posture Assessment with a Single Inclinometer. <i>Journal of Occupational and Environmental Hygiene</i> , 2013, 10, 143-154.	1.0	11

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37	Partly visible periods in posture observation from video: Prevalence and effect on summary estimates of postures in the job. <i>Applied Ergonomics</i> , 2015, 49, 63-69.	3.1	11
38	Association Between Whole-Body Vibration and Low-Back Disorders in Farmers: A Scoping Review. <i>Journal of Agromedicine</i> , 2018, 23, 105-120.	1.5	11
39	A randomized controlled trial investigating effects of an individualized pedometer driven walking program on chronic low back pain. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 206.	1.9	11
40	Impact of Excessive Daytime Sleepiness on The Safety and Health of Farmers in Saskatchewan. <i>Canadian Respiratory Journal</i> , 2014, 21, 363-369.	1.6	10
41	Profiling the safety environment on Saskatchewan farms. <i>Safety Science</i> , 2016, 82, 103-110.	4.9	10
42	Predicting Directly Measured Trunk and Upper Arm Postures in Paper Mill Work From Administrative Data, Workers' Ratings and Posture Observations. <i>Annals of Work Exposures and Health</i> , 2017, 61, 207-217.	1.4	10
43	Equity in Whom Gets Studied: A Systematic Review Examining Geographical Region, Gender, Commodity, and Employment Context in Research of Low Back Disorders in Farmers. <i>Journal of Agromedicine</i> , 2015, 20, 273-281.	1.5	9
44	Trunk posture assessment during work tasks at a Canadian recycling center. <i>International Journal of Industrial Ergonomics</i> , 2018, 68, 297-303.	2.6	9
45	Trunk Posture Exposure Patterns among Prairie Ranch and Grain Farmers. <i>Journal of Agromedicine</i> , 2020, 25, 210-220.	1.5	9
46	OUP accepted manuscript. <i>Annals of Work Exposures and Health</i> , 2018, 62, 884-898.	1.4	9
47	Safety Built Right in: Exploring the Occupational Health and Safety Potential of BIM-Based Platforms throughout the Building Lifecycle. <i>Sustainability</i> , 2022, 14, 6104.	3.2	8
48	Using Observation and Self-report to Predict Mean, 90th Percentile, and Cumulative Low Back Muscle Activity in Heavy Industry Workers. <i>Annals of Occupational Hygiene</i> , 2010, 54, 595-606.	1.9	7
49	Factors Related to Self-perceived Health in Rural Men and Women. <i>Journal of Agromedicine</i> , 2015, 20, 178-187.	1.5	7
50	Back Injury Trajectories in Heavy Industries: Defining Outcomes for Epidemiological Research. <i>Journal of Occupational and Environmental Medicine</i> , 2010, 52, 908-912.	1.7	6
51	A Profile of Farmers and Other Employed Canadians With Chronic Back Pain: A Population-Based Analysis of the 2009-2010 Canadian Community Health Surveys. <i>Journal of Rural Health</i> , 2014, 30, 300-310.	2.9	6
52	Prevalence and risk factors of low back disorders among waste collection workers: A systematic review. <i>Work</i> , 2019, 64, 33-42.	1.1	6
53	Identifying and mitigating risks for agricultural injury associated with obesity. <i>Preventive Medicine Reports</i> , 2016, 4, 220-224.	1.8	5
54	Investigating the Association Between Lower Extremity and Low Back Symptoms Among Saskatchewan Farmers Using the Standardized Nordic Questionnaire. <i>Spine</i> , 2017, 42, E1147-E1154.	2.0	5

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55	High Risk? Indoor Cannabis Producersâ€™ Perceptions of Occupational Health and Safety. <i>Journal of Agromedicine</i> , 2021, 26, 361-373.	1.5	5
56	Modeling costs of exposure assessment methods in industrial environments. <i>Work</i> , 2012, 41, 6079-6086.	1.1	4
57	Preliminary Ergonomic Evaluation of Barn Tasks in Intensive Swine Production. <i>Journal of Agromedicine</i> , 2013, 18, 368-378.	1.5	4
58	Predicting Whole Body Vibration Exposure from Occupational Quad Bike Use in Farmers. <i>Safety</i> , 2015, 1, 71-83.	1.7	4
59	Walking away from back pain: one step at a time â€” a community-based randomised controlled trial. <i>BMC Public Health</i> , 2015, 15, 144.	2.9	4
60	Resilience of Farm Women Working the Third Shift. <i>Journal of Agromedicine</i> , 2018, 23, 70-77.	1.5	4
61	Recruitment for Occupational Research: Using Injured Workers as the Point of Entry into Workplaces. <i>PLoS ONE</i> , 2013, 8, e68354.	2.5	4
62	Musculoskeletal discomfort among Canadian bovine practitioners: Prevalence, impact on work, and perception of physically demanding tasks. <i>Canadian Veterinary Journal</i> , 2018, 59, 871-879.	0.0	4
63	Evidence of rotator cuff disease after breast cancer treatment: scapular kinematics of post-mastectomy and post-reconstruction breast cancer survivors. <i>Annals of Medicine</i> , 2022, 54, 1058-1066.	3.8	4
64	Whole-body vibration exposure of occupational horseback riding in agriculture: A ranching example. <i>American Journal of Industrial Medicine</i> , 2017, 60, 215-220.	2.1	3
65	Evaluating Swine Injection Technologies as a Workplace Musculoskeletal Injury Intervention: A Study Protocol. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	3
66	Stable prevalence of chronic back disorders across gender, age, residence, and physical activity in Canadian adults from 2007 to 2014. <i>BMC Public Health</i> , 2019, 19, 1121.	2.9	3
67	Optimising sampling strategies: components of low-back EMG variability in five heavy industries. <i>Occupational and Environmental Medicine</i> , 2010, 67, 853-860.	2.8	2
68	Association Between Farm Machinery Operation and Low Back Disorder in Farmers. <i>Journal of Occupational and Environmental Medicine</i> , 2016, 58, e212-e217.	1.7	2
69	Predicting Whole-Body Vibration Exposure in Canadian Prairie Farmers. <i>Annals of Work Exposures and Health</i> , 2017, 61, 554-565.	1.4	2
70	Trends of ATV use and associated injury on Saskatchewan farms. <i>Journal of Occupational and Environmental Hygiene</i> , 2017, 14, 853-862.	1.0	2
71	Does functional performance and upper body strength predict upper extremity reaction and movement time in older women?. <i>Human Movement Science</i> , 2021, 77, 102796.	1.4	2
72	7th International Symposium: Safety and Health in Agricultural and Rural Populations â€” Global Perspectives. <i>Journal of Agromedicine</i> , 2015, 20, 243-244.	1.5	1

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73	Measurement properties of instruments assessing permanent functional impairment of the spine: a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e019276.	1.9	1
74	Body Orientation and Points of Contact during Laboratory-Based Machinery Egress: Investigating Adherence to Safety Guidelines. <i>Journal of Agricultural Safety and Health</i> , 2020, 26, 95-104.	0.4	1
75	Operator and Potential Exposure to Hydrogen Sulfide: A Study of the British Columbia Dairy Industry. <i>Journal of Agromedicine</i> , 2021, 26, 381-388.	1.5	1
76	Higher unemployment and higher work-related traumatic fatality: trends and associations from the Canadian province of Saskatchewan, 2007â€“2018. <i>Scandinavian Journal of Work, Environment and Health</i> , 2022, 48, 273-282.	3.4	1
77	Ergonomic assessment of veterinarians during performance of bovine reproductive examinations. <i>Journal of the American Veterinary Medical Association</i> , 2021, 258, 1243-1253.	0.5	0
78	Up to Our Elbows in Ergonomics: Quantifying the Risks of Bovine Rectal Palpations. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 639-649.	0.6	0