Paul J Mork

List of Publications by Year
in descending order

75 papers	2,420 citations	236925 25 h-index	233421 45 g-index
87 all docs	87 docs citations	87 times ranked	2946 citing authors

#	Article	IF	Citations
1	Physical Exercise, Body Mass Index, and Risk of Chronic Pain in the Low Back and Neck/Shoulders: Longitudinal Data From the Nord-Trondelag Health Study. American Journal of Epidemiology, 2011, 174, 267-273.	3.4	198
2	Association between physical exercise, body mass index, and risk of fibromyalgia: Longitudinal data from the Norwegian Nordâ€ŤrÃ¸ndelag Health Study. Arthritis Care and Research, 2010, 62, 611-617.	3.4	148
3	Sleep problems and risk of fibromyalgia: Longitudinal data on an adult female population in Norway. Arthritis and Rheumatism, 2012, 64, 281-284.	6.7	146
4	Digital Support Interventions for the Self-Management of Low Back Pain: A Systematic Review. Journal of Medical Internet Research, 2017, 19, e179.	4.3	145
5	Fibromyalgia Syndrome is Associated with Hypocortisolism. International Journal of Behavioral Medicine, 2010, 17, 223-233.	1.7	114
6	Cohort Profile Update: The HUNT Study, Norway. International Journal of Epidemiology, 2023, 52, e80-e91.	1.9	81
7	Sleep problems, exercise and obesity and risk of chronic musculoskeletal pain: The Norwegian HUNT study. European Journal of Public Health, 2014, 24, 924-929.	0.3	77
8	Back posture and low back muscle activity in female computer workers: A field study. Clinical Biomechanics, 2009, 24, 169-175.	1.2	75
9	Effect of Core Stability Exercises on Feed-Forward Activation of Deep Abdominal Muscles in Chronic Low Back Pain. Spine, 2012, 37, 1101-1108.	2.0	75
10	Muscle activity onset in the lumbar multifidus muscle recorded simultaneously by ultrasound imaging and intramuscular electromyography. Clinical Biomechanics, 2006, 21, 905-913.	1.2	68
11	Effectiveness of App-Delivered, Tailored Self-management Support for Adults With Lower Back Painâ€“Related Disability. JAMA Internal Medicine, 2021, 181, 1288.	5.1	67
12	Effect of body mass index and physical exercise on risk of knee and hip osteoarthritis: longitudinal data from the Norwegian HUNT Study. Journal of Epidemiology and Community Health, 2012, 66, 678-683.	3.7	61
13	Comparison of the cortisol awakening response in women with shoulder and neck pain and women with fibromyalgia. Psychoneuroendocrinology, 2012, 37, 299-306.	2.7	56
14	Low-amplitude trapezius activity in work and leisure and the relation to shoulder and neck pain. Journal of Applied Physiology, 2006, 100, 1142-1149.	2.5	55
15	Comparison of physical behavior estimates from three different thigh-worn accelerometers brands: a proof-of-concept for the Prospective Physical Activity, Sitting, and Sleep consortium (ProPASS). International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 65.	4.6	53
16	Emerging collaborative research platforms for the next generation of physical activity, sleep and exercise medicine guidelines: the Prospective Physical Activity, Sitting, and Sleep consortium (ProPASS). British Journal of Sports Medicine, 2020, 54, 435-437.	6.7	51
17	The influence of multisite pain and psychological comorbidity on prognosis of chronic low back pain: longitudinal data from the Norwegian HUNT Study. BMJ Open, 2017, 7, e015312.	1.9	48
18	Long-term electromyographic activity in upper trapezius and low back muscles of women with moderate physical activity. Journal of Applied Physiology, 2005, 99, 570-578.	2.5	42

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19	A Decision Support System to Enhance Self-Management of Low Back Pain: Protocol for the selfBACK Project. JMIR Research Protocols, 2018, 7, e167.	1.0	42
20	Sleep positions and nocturnal body movements based on free-living accelerometer recordings: association with demographics, lifestyle, and insomnia symptoms. Nature and Science of Sleep, 2017, Volume 9, 267-275.	2.7	39
21	Influence of sleep problems and co-occurring musculoskeletal pain on long-term prognosis of chronic low back pain: the HUNT Study. Journal of Epidemiology and Community Health, 2020, 74, 283-289.	3.7	36
22	An App-Delivered Self-Management Program for People With Low Back Pain: Protocol for the selfBACK Randomized Controlled Trial. JMIR Research Protocols, 2019, 8, e14720.	1.0	34
23	Multipleâ€joint exercises using elastic resistance bands vs. conventional resistanceâ€training equipment: A crossâ€over study. European Journal of Sport Science, 2017, 17, 973-982.	2.7	32
24	The influence of body posture, arm movement, and work stress on trapezius activity during computer work. European Journal of Applied Physiology, 2007, 101, 445-456.	2.5	31
25	The Effect of Warm-Up and Cool-Down Exercise on Delayed Onset Muscle Soreness in the Quadriceps Muscle: a Randomized Controlled Trial. Journal of Human Kinetics, 2012, 35, 59-68.	1.5	31
26	Do physical activity and body mass index modify the association between chronic musculoskeletal pain and insomnia? Longitudinal data from the <scp>HUNT</scp> study, Norway. Journal of Sleep Research, 2018, 27, 32-39.	3.2	27
27	Catecholamines and heart rate in female fibromyalgia patients. Journal of Psychosomatic Research, 2012, 72, 51-57.	2.6	26
28	Association between objectively measured physical behaviour and neckâ€•and/or low back pain: A systematic review. European Journal of Pain, 2020, 24, 1007-1022.	2.8	26
29	Psychosocial work stress, leisure time physical exercise and the risk of chronic pain in the neck/shoulders: Longitudinal data from the Norwegian HUNT Study. International Journal of Occupational Medicine and Environmental Health, 2016, 29, 585-595.	1.3	26
30	The association between nocturnal trapezius muscle activity and shoulder and neck pain. European Journal of Applied Physiology, 2004, 92, 18-25.	2.5	25
31	The associations of sitting time and physical activity on total and site-specific cancer incidence: Results from the HUNT study, Norway. PLoS ONE, 2018, 13, e0206015.	2.5	25
32	Usability and Acceptability of an App (SELFBACK) to Support Self-Management of Low Back Pain: Mixed Methods Study. JMIR Rehabilitation and Assistive Technologies, 2020, 7, e18729.	2.2	25
33	HARTH: A Human Activity Recognition Dataset for Machine Learning. Sensors, 2021, 21, 7853.	3.8	25
34	Distribution and prevalence of musculoskeletal pain co-occurring with persistent low back pain: a systematic review. BMC Musculoskeletal Disorders, 2021, 22, 91.	1.9	24
35	Occupational physical activity, metabolic syndrome and risk of death from all causes and cardiovascular disease in the HUNT 2 cohort study. Occupational and Environmental Medicine, 2013, 70, 86-90.	2.8	23
36	Muscle Activity in Upper-Body Single-Joint Resistance Exercises with Elastic Resistance Bands vs. Free Weights. Journal of Human Kinetics, 2018, 61, 5-13.	1.5	22

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37	A digital decision support system (selfBACK) for improved self-management of low back pain: a pilot study with 6-week follow-up. Pilot and Feasibility Studies, 2020, 6, 72.	1.2	19
38	Genetic variants related to physical activity or sedentary behaviour: a systematic review. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 15.	4.6	19
39	Location and sequence of muscle onset in deep abdominal muscles measured by different modes of ultrasound imaging. Journal of Electromyography and Kinesiology, 2010, 20, 994-999.	1.7	16
40	Hours lying down per day and mortality from all-causes and cardiovascular disease: the HUNT Study, Norway. European Journal of Epidemiology, 2014, 29, 559-565.	5.7	15
41	Application of Machine Learning Methods on Patient Reported Outcome Measurements for Predicting Outcomes: A Literature Review. Informatics, 2021, 8, 56.	3.9	15
42	The joint effect of insomnia symptoms and lifestyle factors on risk of self-reported fibromyalgia in women: longitudinal data from the HUNT Study. BMJ Open, 2019, 9, e028684.	1.9	14
43	The interplay between sleeplessness and high-sensitivity C-reactive protein on risk of chronic musculoskeletal pain: longitudinal data from the TromsÃ¸ Study. Sleep, 2019, 42, .	1.1	13
44	Case Representation and Similarity Assessment in the selfBACK Decision Support System. Lecture Notes in Computer Science, 2016, , 32-46.	1.3	13
45	Physical work exposure, chronic musculoskeletal pain and risk of insomnia: longitudinal data from the HUNT study, Norway. Occupational and Environmental Medicine, 2018, 75, 421-426.	2.8	12
46	Number of Chronic Nighttime Insomnia Symptoms and Risk of Chronic Widespread Pain and Pain-Related Disability: The HUNT Study. Nature and Science of Sleep, 2020, Volume 12, 1227-1236.	2.7	12
47	The effect of an intensive exercise programme on leg function in chronic stroke patients: a pilot study with one-year follow-up. Clinical Rehabilitation, 2009, 23, 790-799.	2.2	11
48	Test-retest reliability of a handheld dynamometer for measurement of isometric cervical muscle strength. Journal of Back and Musculoskeletal Rehabilitation, 2018, 31, 557-565.	1.1	11
49	Can socioeconomic health differences be explained by physical activity at work and during leisure time? Rationale and protocol of the active worker individual participant meta-analysis. BMJ Open, 2018, 8, e023379.	1.9	11
50	Longâ€term changes in selfâ€reported sleep quality and risk of chronic musculoskeletal pain: The HUNT Study. Journal of Sleep Research, 2021, 30, e13354.	3.2	11
51	Using Intervention Mapping to Develop a Decision Support Systemâ€"Based Smartphone App (selfBACK) to Support Self-management of Nonspecific Low Back Pain: Development and Usability Study. Journal of Medical Internet Research, 2022, 24, e26555.	4.3	11
52	Familial Risk of Chronic Musculoskeletal Pain and the Importance of Physical Activity and Body Mass Index: Prospective Data from the HUNT Study, Norway. PLoS ONE, 2016, 11, e0153828.	2.5	10
53	A Machine Learning Classifier for Detection of Physical Activity Types and Postures During Free-Living. Journal for the Measurement of Physical Behaviour, 2022, 5, 24-31.	0.8	10
54	Micro movements of the upper limb in fibromyalgia: The relation to proprioceptive accuracy and visual feedback. Journal of Electromyography and Kinesiology, 2016, 26, 1-7.	1.7	9

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55	App-Delivered Self-Management Intervention Trial selfBACK for People With Low Back Pain: Protocol for Implementation and Process Evaluation. JMIR Research Protocols, 2020, 9, e20308.	1.0	9
56	Resistance training in addition to multidisciplinary rehabilitation for patients with chronic pain in the low back: Study protocol. Contemporary Clinical Trials Communications, 2017, 6, 115-121.	1.1	8
57	Design of a clinician dashboard to facilitate co-decision making in the management of non-specific low back pain. Journal of Intelligent Information Systems, 2019, 52, 269-284.	3.9	8
58	Subtypes of insomnia and the risk of chronic spinal pain: the HUNT study. Sleep Medicine, 2021, 85, 15-20.	1.6	8
59	Work-Related Mental Fatigue, Physical Activity and Risk of Insomnia Symptoms: Longitudinal Data from the Norwegian HUNT Study. Behavioral Sleep Medicine, 2020, 18, 488-499.	2.1	7
60	Periodized resistance training for persistent non-specific low back pain: a mixed methods feasibility study. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 30.	1.7	7
61	The effect of delayed onset of muscle soreness on habitual trapezius activity. European Journal of Pain, 2011, 15, 577-583.	2.8	6
62	Prevalence and pattern of co-occurring musculoskeletal pain and its association with back-related disability among people with persistent low back pain: protocol for a systematic review and meta-analysis. Systematic Reviews, 2017, 6, 258.	5.3	6
63	The joint association of musculoskeletal pain and domains of physical activity with sleep problems: cross-sectional data from the DPhacto study, Denmark. International Archives of Occupational and Environmental Health, 2019, 92, 491-499.	2.3	6
64	Influence of family history on prognosis of spinal pain and the role of leisure time physical activity and body mass index: a prospective study using family-linkage data from the Norwegian HUNT study. BMJ Open, 2018, 8, e022785.	1.9	5
65	Parental Multisite Chronic Pain and the Risk of Adult Offspring Developing Additional Chronic Pain Sites: Family-Linkage Data From the Norwegian HUNT Study. Journal of Pain, 2020, 21, 968-978.	1.4	5
66	Individually tailored self-management app-based intervention (selfBACK) versus a self-management web-based intervention (e-Help) or usual care in people with low back and neck pain referred to secondary care: protocol for a multiarm randomised clinical trial. BMJ Open, 2021, 11, e047921.	1.9	5
67	The interplay between multisite pain and insomnia on the risk of anxiety and depression: the HUNT study. BMC Psychiatry, 2022, 22, 124.	2.6	5
68	The effect of long-term poor sleep quality on risk of back-related disability and the modifying role of physical activity. Scientific Reports, 2021, 11, 15386.	3.3	4
69	Family History Influences the Effectiveness of Home Exercise in Older People With Chronic Low Back Pain: A Secondary Analysis of a Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2020, 101, 1322-1331.	0.9	3
70	The Surveillance of Physical Activity, Sedentary Behavior, and Sleep: Protocol for the Development and Feasibility Evaluation of a Novel Measurement System. JMIR Research Protocols, 2022, 11, e35697.	1.0	3
71	Improved cardiorespiratory fitness after occupational rehabilitation in merged diagnostic groups. Annals of Occupational and Environmental Medicine, 2018, 30, 16.	1.0	2
72	Using Automated Feature Selection for Building Case-Based Reasoning Systems: An Example from Patient-Reported Outcome Measurements. Lecture Notes in Computer Science, 2021, , 282-295.	1.3	2

#	Article	IF	Citations
73	Health-related quality of life in young adults born small for gestational age: a prospective cohort study. Health and Quality of Life Outcomes, 2022, 20, 49.	2.4	2
74	Cardiorespiratory Fitness and Long-TermÂMortality. Journal of the American College of Cardiology, 2018, 72, 996-998.	2.8	1
75	The joint effect of sleep duration and insomnia symptoms on the risk of recurrent spinal pain: The HUNT study. Sleep Medicine, 2022, 99, 11-17.	1.6	1