

Donna M Urquhart

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

2,980
citations

33
h-index

51
g-index

102
ext. papers

3,590
ext. citations

3.6
avg, IF

5
L-index

#	Paper	IF	Citations
99	Incidence and risk factors for deep surgical site infection after primary total hip arthroplasty: a systematic review. <i>Journal of Arthroplasty</i> , 2010 , 25, 1216-22.e1-3	4.4	172
98	Abdominal muscle recruitment during a range of voluntary exercises. <i>Manual Therapy</i> , 2005 , 10, 144-53		170
97	Regional morphology of the transversus abdominis and obliquus internus and externus abdominis muscles. <i>Clinical Biomechanics</i> , 2005 , 20, 233-41	2.2	125
96	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. <i>Spine Journal</i> , 2015 , 15, 1593-601	4	116
95	Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013 , 154, 1769-1777	8	108
94	Prevalence and incidence of urinary incontinence in women: review of the literature and investigation of methodological issues. <i>International Journal of Urology</i> , 2008 , 15, 230-4	2.3	97
93	Are the size and composition of the paraspinal muscles associated with low back pain? A systematic review. <i>Spine Journal</i> , 2017 , 17, 1729-1748	4	88
92	Postural activity of the abdominal muscles varies between regions of these muscles and between body positions. <i>Gait and Posture</i> , 2005 , 22, 295-301	2.6	88
91	Differential activity of regions of transversus abdominis during trunk rotation. <i>European Spine Journal</i> , 2005 , 14, 393-400	2.7	87
90	2011 Young Investigator Award winner: Increased fat mass is associated with high levels of low back pain intensity and disability. <i>Spine</i> , 2011 , 36, 1320-5	3.3	80
89	Antidepressants for non-specific low back pain. <i>The Cochrane Library</i> , 2008 , CD001703	5.2	80
88	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men: a gender study of adults without clinical knee osteoarthritis. <i>Menopause</i> , 2009 , 16, 666-70	2.5	73
87	People with low back pain want clear, consistent and personalised information on prognosis, treatment options and self-management strategies: a systematic review. <i>Journal of Physiotherapy</i> , 2019 , 65, 124-135	2.9	67
86	Age-specific prevalence of, and factors associated with, different types of urinary incontinence in community-dwelling Australian women assessed with a validated questionnaire. <i>Maturitas</i> , 2009 , 62, 134-9	5	65
85	What is the effect of physical activity on the knee joint? A systematic review. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 432-42	1.2	64
84	Could low grade bacterial infection contribute to low back pain? A systematic review. <i>BMC Medicine</i> , 2015 , 13, 13	11.4	63
83	Physical inactivity is associated with narrower lumbar intervertebral discs, high fat content of paraspinal muscles and low back pain and disability. <i>Arthritis Research and Therapy</i> , 2015 , 17, 114	5.7	57

82	Increase in vastus medialis cross-sectional area is associated with reduced pain, cartilage loss, and joint replacement risk in knee osteoarthritis. <i>Arthritis and Rheumatism</i> , 2012 , 64, 3917-25		56
81	Negative beliefs about low back pain are associated with high pain intensity and high level disability in community-based women. <i>BMC Musculoskeletal Disorders</i> , 2008 , 9, 148	2.8	51
80	Foot posture, range of motion and plantar pressure characteristics in obese and non-obese individuals. <i>Gait and Posture</i> , 2015 , 41, 465-9	2.6	48
79	Outcomes of patients with orthopaedic trauma admitted to level 1 trauma centres. <i>ANZ Journal of Surgery</i> , 2006 , 76, 600-6	1	48
78	The CUPID (Cultural and Psychosocial Influences on Disability) study: methods of data collection and characteristics of study sample. <i>PLoS ONE</i> , 2012 , 7, e39820	3.7	44
77	The Relationship Between Structural and Functional Brain Changes and Altered Emotion and Cognition in Chronic Low Back Pain Brain Changes: A Systematic Review of MRI and fMRI Studies. <i>Clinical Journal of Pain</i> , 2018 , 34, 237-261	3.5	43
76	Sex hormones and structural changes in osteoarthritis: a systematic review. <i>Maturitas</i> , 2011 , 69, 141-56	5	43
75	The middle layer of lumbar fascia and attachments to lumbar transverse processes: implications for segmental control and fracture. <i>European Spine Journal</i> , 2007 , 16, 2232-7	2.7	42
74	Factors that may mediate the relationship between physical activity and the risk for developing knee osteoarthritis. <i>Arthritis Research and Therapy</i> , 2008 , 10, 203	5.7	40
73	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 44, 445-55	5.3	39
72	Patients' perceived needs of health care providers for low back pain management: a systematic scoping review. <i>Spine Journal</i> , 2018 , 18, 691-711	4	36
71	Prevalence of fecal incontinence and its relationship with urinary incontinence in women living in the community. <i>Menopause</i> , 2011 , 18, 685-9	2.5	36
70	Are psychosocial factors associated with low back pain and work absence for low back pain in an occupational cohort?. <i>Clinical Journal of Pain</i> , 2013 , 29, 1015-20	3.5	34
69	The association between urban or rural locality and hip fracture in community-based adults: a systematic review. <i>Journal of Epidemiology and Community Health</i> , 2010 , 64, 656-65	5.1	34
68	Risk factors for musculoskeletal symptoms of the neck or shoulder alone or neck and shoulder among hospital nurses. <i>Occupational and Environmental Medicine</i> , 2012 , 69, 198-204	2.1	33
67	The Association Between Obesity and Low Back Pain and Disability Is Affected by Mood Disorders: A Population-Based, Cross-Sectional Study of Men. <i>Medicine (United States)</i> , 2016 , 95, e3367	1.8	33
66	Lumbar disc degeneration is associated with modic change and high paraspinal fat content - a 3.0T magnetic resonance imaging study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 439	2.8	31
65	Fat mass and fat distribution are associated with low back pain intensity and disability: results from a cohort study. <i>Arthritis Research and Therapy</i> , 2017 , 19, 26	5.7	30

64	Classification of neck/shoulder pain in epidemiological research: a comparison of personal and occupational characteristics, disability, and prognosis among 12,195 workers from 18 countries. <i>Pain</i> , 2016 , 157, 1028-1036	8	29
63	Association of obesity and systemic factors with bone marrow lesions at the knee: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 43, 600-12	5.3	27
62	Urinary incontinence is associated with lower psychological general well-being in community-dwelling women. <i>Menopause</i> , 2010 , 17, 332-7	2.5	27
61	Patients' perceived needs for medical services for non-specific low back pain: A systematic scoping review. <i>PLoS ONE</i> , 2018 , 13, e0204885	3.7	25
60	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain: A Randomized Clinical Trial. <i>JAMA Internal Medicine</i> , 2018 , 178, 1474-1481	11.5	25
59	Obesity is associated with reduced disc height in the lumbar spine but not at the lumbosacral junction. <i>Spine</i> , 2014 , 39, E962-6	3.3	24
58	Gait consistency over a 7-day interval in people with Parkinson's disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 1999 , 80, 696-701	2.8	24
57	Increase in body weight over a two-year period is associated with an increase in midfoot pressure and foot pain. <i>Journal of Foot and Ankle Research</i> , 2017 , 10, 31	3.2	23
56	Catastrophization, fear of movement, anxiety, and depression are associated with persistent, severe low back pain and disability. <i>Spine Journal</i> , 2020 , 20, 857-865	4	22
55	Body composition is associated with multisite lower body musculoskeletal pain in a community-based study. <i>Journal of Pain</i> , 2015 , 16, 700-6	5.2	21
54	The psychology of ultra-marathon runners: A systematic review. <i>Psychology of Sport and Exercise</i> , 2018 , 37, 43-58	4.2	20
53	Associations between television viewing and physical activity and low back pain in community-based adults: A cohort study. <i>Medicine (United States)</i> , 2016 , 95, e3963	1.8	20
52	Statins and tendinopathy: a systematic review. <i>Medical Journal of Australia</i> , 2016 , 204, 115-21.e1	4	20
51	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. <i>Spine Journal</i> , 2019 , 19, 862-868	4	19
50	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain: A Systematic Review. <i>Clinical Journal of Pain</i> , 2020 , 36, 379-389	3.5	18
49	Are biomechanical factors, meniscal pathology, and physical activity risk factors for bone marrow lesions at the knee? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2013 , 43, 187-94	5.3	18
48	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height - a 3.0 T-MRI study. <i>BMC Musculoskeletal Disorders</i> , 2016 , 17, 92	2.8	17
47	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017 , 84, 197-202	2.9	15

46	Low back pain and disability in community-based women: prevalence and associated factors. <i>Menopause</i> , 2009 , 16, 24-9	2.5	15
45	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010 , 66, 72-6	5	14
44	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016 , 41, E489-93	3.3	14
43	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. <i>Spine</i> , 2017 , 42, 740-743	3.3	13
42	Predictors of Back Pain in Middle-Aged Women: Data From the Australian Longitudinal Study of Women's Health. <i>Arthritis Care and Research</i> , 2017 , 69, 709-716	4.7	13
41	The middle layer of lumbar fascia can transmit tensile forces capable of fracturing the lumbar transverse processes: an experimental study. <i>Clinical Biomechanics</i> , 2010 , 25, 505-9	2.2	13
40	Fat Mass Is Associated with Foot Pain in Men: The Geelong Osteoporosis Study. <i>Journal of Rheumatology</i> , 2016 , 43, 138-43	4.1	12
39	Negative beliefs about low back pain are associated with persistent high intensity low back pain. <i>Psychology, Health and Medicine</i> , 2017 , 22, 790-799	2.1	11
38	A Dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , 2015 , 17, 297	5.7	10
37	Negative beliefs about back pain are associated with persistent, high levels of low back disability in community-based women. <i>Menopause</i> , 2018 , 25, 977-984	2.5	10
36	High baseline fat mass, but not lean tissue mass, is associated with high intensity low back pain and disability in community-based adults. <i>Arthritis Research and Therapy</i> , 2019 , 21, 165	5.7	10
35	People with low back pain perceive needs for non-biomedical services in workplace, financial, social and household domains: a systematic review. <i>Journal of Physiotherapy</i> , 2018 , 64, 74-83	2.9	9
34	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. <i>PLoS ONE</i> , 2016 , 11, e0153748	3.7	9
33	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016 , 95, e3368	1.8	9
32	Is low-dose amitriptyline effective in the management of chronic low back pain? Study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 514	2.8	8
31	Early cartilage abnormalities at the hip are associated with obesity and body composition measures - a 3.0T MRI community-based study. <i>Arthritis Research and Therapy</i> , 2015 , 17, 107	5.7	8
30	Bone geometry of the hip is associated with obesity and early structural damage--a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015 , 17, 112	5.7	8
29	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015 , 81, 394-7	5	8

28	Relationship between mental health and foot pain. <i>Arthritis Care and Research</i> , 2014 , 66, 1241-5	4.7	8
27	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. <i>Journal of Rheumatology</i> , 2017 , 44, 1071-1082	4.1	7
26	Physical and psychosocial factors associated with wrist or hand pain among Australian hospital-based nurses. <i>Injury Prevention</i> , 2013 , 19, 13-8	3.2	7
25	A flatter proximal trochlear groove is associated with patella cartilage loss. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 496-500	1.2	7
24	Patients' perceived needs for allied health, and complementary and alternative medicines for low back pain: A systematic scoping review. <i>Health Expectations</i> , 2018 , 21, 824-847	3.7	5
23	Poor general health and lower levels of vitality are associated with persistent, high-intensity low back pain and disability in community-based women: A prospective cohort study. <i>Maturitas</i> , 2018 , 113, 7-12	5	5
22	Psychological Factors Associated With Ultramarathon Runners' Supranormal Pain Tolerance: A Pilot Study. <i>Journal of Pain</i> , 2018 , 19, 1406-1415	5.2	5
21	Musculoskeletal pain and sedentary behaviour in occupational and non-occupational settings: a systematic review with meta-analysis.. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 159	8.4	5
20	Course and Contributors to Back Pain in Middle-aged Women Over 9 Years: Data From the Australian Longitudinal Study on Women's Health. <i>Spine</i> , 2018 , 43, 1648-1656	3.3	4
19	In-hospital outcomes and hospital resource utilization of hip replacement procedures. <i>ANZ Journal of Surgery</i> , 2008 , 78, 875-80	1	4
18	Psychological characteristics associated with ultra-marathon running: An exploratory self-report and psychophysiological study. <i>Australian Journal of Psychology</i> , 2020 , 72, 235-247	2.3	3
17	Association between hip muscle cross-sectional area and hip pain and function in individuals with mild-to-moderate hip osteoarthritis: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 316	2.8	2
16	Does aerobic exercise effect pain sensitisation in individuals with musculoskeletal pain? A systematic review.. <i>BMC Musculoskeletal Disorders</i> , 2022 , 23, 113	2.8	1
15	Association between clusters of back and joint pain with opioid use in middle-aged community-based women: a prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 863	2.8	1
14	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. <i>Scandinavian Journal of Pain</i> , 2021 , 21, 586-596	1.9	1
13	Is adiposity associated with back and lower limb pain? A systematic review. <i>PLoS ONE</i> , 2021 , 16, e02567207	3.0	1
12	Is antibiotic treatment effective in the management of chronic low back pain with disc herniation? Study protocol for a randomised controlled trial. <i>Trials</i> , 2021 , 22, 759	2.8	0
11	Examining resting-state functional connectivity in key hubs of the default mode network in chronic low back pain. <i>Scandinavian Journal of Pain</i> , 2021 , 21, 839-846	1.9	0

10	Effect of low-dose amitriptyline on reducing pain in clinical knee osteoarthritis compared to benzotropine: study protocol of a randomised, double blind, placebo-controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 826	2.8	o
9	Investigating Individuals' Perceptions Regarding the Context Around the Low Back Pain Experience: Topic Modeling Analysis of Twitter Data. <i>Journal of Medical Internet Research</i> , 2021 , 23, e26093	7.6	o
8	Author's response to letter to editor: "Confounding variables in future studies assessing relationship between paraspinal muscles and low back pain". <i>Spine Journal</i> , 2019 , 19, 1134-1135	4	
7	Low-Dose Amitriptyline for Chronic Low Back Pain-Reply. <i>JAMA Internal Medicine</i> , 2019 , 179, 450-451	11.5	
6	Response to: 'A dose-response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine'-authors' reply. <i>Arthritis Research and Therapy</i> , 2016 , 18, 45	5.7	
5	Rates, costs and determinants of lumbar spine imaging in population-based women born in 1973-1978: Data from the Australian Longitudinal Study on Women's Health. <i>PLoS ONE</i> , 2020 , 15, e0243382	3.7	
4	Correspondence: Reply to Hopayian. <i>Journal of Physiotherapy</i> , 2020 , 66, 65	2.9	
3	Association between increased signal intensity at the proximal patellar tendon and patellofemoral geometry in community-based asymptomatic middle-aged adults: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020 , 21, 571	2.8	
2	Effect of low-dose amitriptyline on low back pain with a neuropathic component: a post hoc analysis. <i>Spine Journal</i> , 2021 , 21, 899-902	4	
1	Histoire naturelle des aspects Modic: Eude longitudinale. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018 , 85, 85-89	0.1	