

Donna M Urquhart

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

4,218
citations

81900

39
h-index

123424

61
g-index

102
all docs

102
docs citations

102
times ranked

5130
citing authors

#	ARTICLE	IF	CITATIONS
1	Does aerobic exercise effect pain sensitisation in individuals with musculoskeletal pain? A systematic review. BMC Musculoskeletal Disorders, 2022, 23, 113.	1.9	20
2	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. Scandinavian Journal of Pain, 2021, 21, 586-596.	1.3	4
3	Effect of low-dose amitriptyline on low back pain with a neuropathic component: a post hoc analysis. Spine Journal, 2021, 21, 899-902.	1.3	1
4	Examining resting-state functional connectivity in key hubs of the default mode network in chronic low back pain. Scandinavian Journal of Pain, 2021, 21, 839-846.	1.3	6
5	Is adiposity associated with back and lower limb pain? A systematic review. PLoS ONE, 2021, 16, e0256720.	2.5	12
6	High levels of back disability, but not back pain, are associated with reduced physical activity in women. International Journal of Epidemiology, 2021, 50, .	1.9	0
7	Effect of low-dose amitriptyline on reducing pain in clinical knee osteoarthritis compared to benztropine: study protocol of a randomised, double blind, placebo-controlled trial. BMC Musculoskeletal Disorders, 2021, 22, 826.	1.9	5
8	Association between clusters of back and joint pain with opioid use in middle-aged community-based women: a prospective cohort study. BMC Musculoskeletal Disorders, 2021, 22, 863.	1.9	1
9	Is antibiotic treatment effective in the management of chronic low back pain with disc herniation? Study protocol for a randomised controlled trial. Trials, 2021, 22, 759.	1.6	3
10	Investigating Individuals' Perceptions Regarding the Context Around the Low Back Pain Experience: Topic Modeling Analysis of Twitter Data. Journal of Medical Internet Research, 2021, 23, e26093.	4.3	4
11	Musculoskeletal pain and sedentary behaviour in occupational and non-occupational settings: a systematic review with meta-analysis. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 159.	4.6	39
12	Correspondence: Reply to Hopayan. Journal of Physiotherapy, 2020, 66, 65.	1.7	0
13	Association between increased signal intensity at the proximal patellar tendon and patellofemoral geometry in community-based asymptomatic middle-aged adults: a cross-sectional study. BMC Musculoskeletal Disorders, 2020, 21, 571.	1.9	0
14	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain. Clinical Journal of Pain, 2020, 36, 379-389.	1.9	47
15	Psychological characteristics associated with ultra-marathon running: An exploratory self-report and psychophysiological study. Australian Journal of Psychology, 2020, 72, 235-247.	2.8	6
16	Catastrophization, fear of movement, anxiety, and depression are associated with persistent, severe low back pain and disability. Spine Journal, 2020, 20, 857-865.	1.3	46
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. BMC Musculoskeletal Disorders, 2020, 21, 316.	1.9	7
18	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. PLoS ONE, 2020, 15, e0243282.	2.5	1

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19	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.	3.5	20
20	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.	1.7	151
21	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.	1.3	0
22	Low-Dose Amitriptyline for Chronic Low Back Painâ€™Reply. <i>JAMA Internal Medicine</i> , 2019, 179, 450.	5.1	0
23	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. <i>Spine Journal</i> , 2019, 19, 862-868.	1.3	45
24	The psychology of ultra-marathon runners: A systematic review. <i>Psychology of Sport and Exercise</i> , 2018, 37, 43-58.	2.1	34
25	Patients' perceived needs of health care providers for low back pain management: a systematic scoping review. <i>Spine Journal</i> , 2018, 18, 691-711.	1.3	57
26	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.	1.7	17
27	The Relationship Between Structural and Functional Brain Changes and Altered Emotion and Cognition in Chronic Low Back Pain Brain Changes. <i>Clinical Journal of Pain</i> , 2018, 34, 237-261.	1.9	90
28	Patientsâ€™ perceived needs for medical services for non-specific low back pain: A systematic scoping review. <i>PLoS ONE</i> , 2018, 13, e0204885.	2.5	39
29	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain. <i>JAMA Internal Medicine</i> , 2018, 178, 1474.	5.1	47
30	Psychological Factors Associated With Ultramarathon Runnersâ€™ Supranormal Pain Tolerance: A Pilot Study. <i>Journal of Pain</i> , 2018, 19, 1406-1415.	1.4	10
31	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.	2.6	12
32	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.	2.4	10
33	Course and Contributors to Back Pain in Middle-aged Women Over 9 Years. <i>Spine</i> , 2018, 43, 1648-1656.	2.0	6
34	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.	2.0	19
35	The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017, 84, 197-202.	1.6	23
36	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.	3.5	52

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37	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. <i>Spine</i> , 2017, 42, 740-747.	2.0	18
38	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. <i>Journal of Rheumatology</i> , 2017, 44, 1071-1082.	2.0	8
39	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.	1.3	155
40	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.	2.4	20
41	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.	3.4	15
42	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.	1.9	33
43	Statins and tendinopathy: a systematic review. <i>Medical Journal of Australia</i> , 2016, 204, 115-121.	1.7	26
44	The Association Between Obesity and Low Back Pain and Disability Is Affected by Mood Disorders. <i>Medicine (United States)</i> , 2016, 95, e3367.	1.0	53
45	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016, 41, E489-E493.	2.0	18
46	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016, 95, e3368.	1.0	11
47	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.	1.9	50
48	Classification of neck/shoulder pain in epidemiological research. <i>Pain</i> , 2016, 157, 1028-1036.	4.2	44
49	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.	1.6	9
50	Associations between television viewing and physical activity and low back pain in community-based adults. <i>Medicine (United States)</i> , 2016, 95, e3963.	1.0	29
51	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height – a 3.0T-MRI study. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 92.	1.9	28
52	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.	3.5	0
53	Fat Mass Is Associated with Foot Pain in Men: The Geelong Osteoporosis Study. <i>Journal of Rheumatology</i> , 2016, 43, 138-143.	2.0	14
54	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. <i>PLoS ONE</i> , 2016, 11, e0153748.	2.5	12

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55	Early cartilage abnormalities at the hip are associated with obesity and body composition measures â€“ a 3.0T MRI community-based study. <i>Arthritis Research and Therapy</i> , 2015, 17, 107.	3.5	8
56	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.	3.5	84
57	Bone geometry of the hip is associated with obesity and early structural damage â€“ a 3.0 T magnetic resonance imaging study of community-based adults. <i>Arthritis Research and Therapy</i> , 2015, 17, 112.	3.5	11
58	Body Composition Is Associated With Multisite Lower Body Musculoskeletal Pain in a Community-Based Study. <i>Journal of Pain</i> , 2015, 16, 700-706.	1.4	28
59	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015, 81, 394-397.	2.4	10
60	Foot posture, range of motion and plantar pressure characteristics in obese and non-obese individuals. <i>Gait and Posture</i> , 2015, 41, 465-469.	1.4	74
61	Could low grade bacterial infection contribute to low back pain? A systematic review. <i>BMC Medicine</i> , 2015, 13, 13.	5.5	92
62	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, 1593-1601.	1.3	188
63	A Doseâ€“response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. <i>Arthritis Research and Therapy</i> , 2015, 17, 297.	3.5	21
64	Are cognitive and behavioural factors associated with knee pain? A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015, 44, 445-455.	3.4	52
65	Relationship Between Mental Health and Foot Pain. <i>Arthritis Care and Research</i> , 2014, 66, 1241-1245.	3.4	9
66	Obesity Is Associated With Reduced Disc Height in the Lumbar Spine but Not at the Lumbosacral Junction. <i>Spine</i> , 2014, 39, E962-E966.	2.0	33
67	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, 600-612.	3.4	37
68	Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013, 154, 1769-1777.	4.2	133
69	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, 187-194.	3.4	22
70	Physical and psychosocial factors associated with wrist or hand pain among Australian hospital-based nurses. <i>Injury Prevention</i> , 2013, 19, 13-18.	2.4	10
71	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, 1015-1020.	1.9	39
72	A Flatter Proximal Trochlear Groove Is Associated with Patella Cartilage Loss. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 496-500.	0.4	7

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73	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.	2.8	37
74	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, 3917-3925.	6.7	75
75	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.	2.5	58
76	Sex hormones and structural changes in osteoarthritis: A systematic review. <i>Maturitas</i> , 2011, 69, 141-156.	2.4	58
77	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, 432-442.	0.4	76
78	2011 Young Investigator Award Winner. <i>Spine</i> , 2011, 36, 1320-1325.	2.0	90
79	Prevalence of fecal incontinence and its relationship with urinary incontinence in women living in the community. <i>Menopause</i> , 2011, 18, 685-689.	2.0	43
80	Antidepressants for non-specific low back pain. <i>The Cochrane Library</i> , 2010, 2010, CD001703.	2.8	110
81	Urinary incontinence is associated with lower psychological general well-being in community-dwelling women. <i>Menopause</i> , 2010, 17, 332-337.	2.0	37
82	Incidence and Risk Factors for Deep Surgical Site Infection After Primary Total Hip Arthroplasty: A Systematic Review. <i>Journal of Arthroplasty</i> , 2010, 25, 1216-1222.e3.	3.1	221
83	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, 656-665.	3.7	45
84	Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010, 66, 72-76.	2.4	19
85	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, 505-509.	1.2	14
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, 134-139.	2.4	78
87	Low back pain and disability in community-based women. <i>Menopause</i> , 2009, 16, 24-29.	2.0	17
88	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men. <i>Menopause</i> , 2009, 16, 666-670.	2.0	98
89	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, 230-234.	1.0	124
90	IN-HOSPITAL OUTCOMES AND HOSPITAL RESOURCE UTILIZATION OF HIP REPLACEMENT PROCEDURES. <i>ANZ Journal of Surgery</i> , 2008, 78, 875-880.	0.7	7

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91	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.	1.9	59
92	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.	3.5	46
93	The effect of physical activity on the knee joint: is it good or bad?. <i>British Journal of Sports Medicine</i> , 2007, 41, 546-547.	6.7	7
94	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, 2232-2237.	2.2	43
95	OUTCOMES OF PATIENTS WITH ORTHOPAEDIC TRAUMA ADMITTED TO LEVEL 1 TRAUMA CENTRES. <i>ANZ Journal of Surgery</i> , 2006, 76, 600-606.	0.7	52
96	Abdominal muscle recruitment during a range of voluntary exercises. <i>Manual Therapy</i> , 2005, 10, 144-153.	1.6	199
97	Differential activity of regions of transversus abdominis during trunk rotation. <i>European Spine Journal</i> , 2005, 14, 393-400.	2.2	100
98	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.	1.4	103
99	Regional morphology of the transversus abdominis and obliquus internus and externus abdominis muscles. <i>Clinical Biomechanics</i> , 2005, 20, 233-241.	1.2	137
100	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.	0.9	30