Donna M Urquhart

List of Publications by Year
in descending order

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	Incidence and Risk Factors for Deep Surgical Site Infection After Primary Total Hip Arthroplasty: A Systematic Review. Journal of Arthroplasty, 2010, 25, 1216-1222.e3.	3.1	221
2	Abdominal muscle recruitment during a range of voluntary exercises. Manual Therapy, 2005, 10, 144-153.	1.6	199
3	Fat infiltration of paraspinal muscles is associated with low back pain, disability, and structural abnormalities in community-based adults. Spine Journal, 2015, 15, 1593-1601.	1.3	188
4	Are the size and composition of the paraspinal muscles associated with low back pain? A systematic review. Spine Journal, 2017, 17, 1729-1748.	1.3	155
5	People with low back pain want clear, consistent and personalised information on prognosis, treatment options and self-management strategies: a systematic review. Journal of Physiotherapy, 2019, 65, 124-135.	1.7	151
6	Regional morphology of the transversus abdominis and obliquus internus and externus abdominis muscles. Clinical Biomechanics, 2005, 20, 233-241.	1.2	137
7	Patterns of multisite pain and associations with risk factors. Pain, 2013, 154, 1769-1777.	4.2	133
8	Prevalence and incidence of urinary incontinence in women: Review of the literature and investigation of methodological issues. International Journal of Urology, 2008, 15, 230-234.	1.0	124
9	Antidepressants for non-specific low back pain. The Cochrane Library, 2010, 2010, CD001703.	2.8	110
10	Postural activity of the abdominal muscles varies between regions of these muscles and between body positions. Gait and Posture, 2005, 22, 295-301.	1.4	103
11	Differential activity of regions of transversus abdominis during trunk rotation. European Spine Journal, 2005, 14, 393-400.	2.2	100
12	Women have increased rates of cartilage loss and progression of cartilage defects at the knee than men. Menopause, 2009, 16, 666-670.	2.0	98
13	Could low grade bacterial infection contribute to low back pain? A systematic review. BMC Medicine, 2015, 13, 13.	5.5	92
14	2011 Young Investigator Award Winner. Spine, 2011, 36, 1320-1325.	2.0	90
15	The Relationship Between Structural and Functional Brain Changes and Altered Emotion and Cognition in Chronic Low Back Pain Brain Changes. Clinical Journal of Pain, 2018, 34, 237-261.	1.9	90
16	Physical inactivity is associated with narrower lumbar intervertebral discs, high fat content of paraspinal muscles and low back pain and disability. Arthritis Research and Therapy, 2015, 17, 114.	3.5	84
17	Age-specific prevalence of, and factors associated with, different types of urinary incontinence in community-dwelling Australian women assessed with a validated questionnaire. Maturitas, 2009, 62, 134-139.	2.4	78
18	What Is the Effect of Physical Activity on the Knee Joint? A Systematic Review. Medicine and Science in Sports and Exercise, 2011, 43, 432-442.	0.4	76

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19	Increase in vastus medialis crossâ€sectional area is associated with reduced pain, cartilage loss, and joint replacement risk in knee osteoarthritis. Arthritis and Rheumatism, 2012, 64, 3917-3925.	6.7	75
20	Foot posture, range of motion and plantar pressure characteristics in obese and non-obese individuals. Gait and Posture, 2015, 41, 465-469.	1.4	74
21	Negative beliefs about low back pain are associated with high pain intensity and high level disability in community-based women. BMC Musculoskeletal Disorders, 2008, 9, 148.	1.9	59
22	Sex hormones and structural changes in osteoarthritis: A systematic review. Maturitas, 2011, 69, 141-156.	2.4	58
23	The CUPID (Cultural and Psychosocial Influences on Disability) Study: Methods of Data Collection and Characteristics of Study Sample. PLoS ONE, 2012, 7, e39820.	2.5	58
24	Patients' perceived needs of health care providers for low back pain management: a systematic scoping review. Spine Journal, 2018, 18, 691-711.	1.3	57
25	The Association Between Obesity and Low Back Pain and Disability Is Affected by Mood Disorders. Medicine (United States), 2016, 95, e3367.	1.0	53
26	OUTCOMES OF PATIENTS WITH ORTHOPAEDIC TRAUMA ADMITTED TO LEVEL 1 TRAUMA CENTRES. ANZ Journal of Surgery, 2006, 76, 600-606.	0.7	52
27	Are cognitive and behavioural factors associated with knee pain? A systematic review. Seminars in Arthritis and Rheumatism, 2015, 44, 445-455.	3.4	52
28	Fat mass and fat distribution are associated with low back pain intensity and disability: results from a cohort study. Arthritis Research and Therapy, 2017, 19, 26.	3.5	52
29	Lumbar disc degeneration is associated with modic change and high paraspinal fat content â€“ a 3.0T magnetic resonance imaging study. BMC Musculoskeletal Disorders, 2016, 17, 439.	1.9	50
30	Efficacy of Low-Dose Amitriptyline for Chronic Low Back Pain. JAMA Internal Medicine, 2018, 178, 1474.	5.1	47
31	Association Between Inflammatory Biomarkers and Nonspecific Low Back Pain. Clinical Journal of Pain, 2020, 36, 379-389.	1.9	47
32	Factors that may mediate the relationship between physical activity and the risk for developing knee osteoarthritis. Arthritis Research and Therapy, 2008, 10, 203.	3.5	46
33	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
34	The association between urban or rural locality and hip fracture in community-based adults: a systematic review. Journal of Epidemiology and Community Health, 2010, 64, 656-665.	3.7	45
35	Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. Spine Journal, 2019, 19, 862-868.	1.3	45
36	Classification of neck/shoulder pain in epidemiological research. Pain, 2016, 157, 1028-1036.	4.2	44

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37	The middle layer of lumbar fascia and attachments to lumbar transverse processes: implications for segmental control and fracture. European Spine Journal, 2007, 16, 2232-2237.	2.2	43
38	Prevalence of fecal incontinence and its relationship with urinary incontinence in women living in the community. Menopause, 2011, 18, 685-689.	2.0	43
39	Are Psychosocial Factors Associated With Low Back Pain and Work Absence for Low Back Pain in an Occupational Cohort?. Clinical Journal of Pain, 2013, 29, 1015-1020.	1.9	39
40	Patientsâ€™ perceived needs for medical services for non-specific low back pain: A systematic scoping review. PLoS ONE, 2018, 13, e0204885.	2.5	39
41	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
42	Urinary incontinence is associated with lower psychological general well-being in community-dwelling women. Menopause, 2010, 17, 332-337.	2.0	37
43	Risk factors for musculoskeletal symptoms of the neck or shoulder alone or neck and shoulder among hospital nurses. Occupational and Environmental Medicine, 2012, 69, 198-204.	2.8	37
44	Association of obesity and systemic factors with bone marrow lesions at the knee: A systematic review. Seminars in Arthritis and Rheumatism, 2014, 43, 600-612.	3.4	37
45	The psychology of ultra-marathon runners: A systematic review. Psychology of Sport and Exercise, 2018, 37, 43-58.	2.1	34
46	Obesity Is Associated With Reduced Disc Height in the Lumbar Spine but Not at the Lumbosacral Junction. Spine, 2014, 39, E962-E966.	2.0	33
47	Increase in body weight over a twoâ€year period is associated with an increase in midfoot pressure and foot pain. Journal of Foot and Ankle Research, 2017, 10, 31.	1.9	33
48	Gait consistency over a 7-day interval in people with parkinson's disease. Archives of Physical Medicine and Rehabilitation, 1999, 80, 696-701.	0.9	30
49	Associations between television viewing and physical activity and low back pain in community-based adults. Medicine (United States), 2016, 95, e3963.	1.0	29
50	Body Composition Is Associated With Multisite Lower Body Musculoskeletal Pain in a Community-Based Study. Journal of Pain, 2015, 16, 700-706.	1.4	28
51	Modic changes in the lumbar spine and their association with body composition, fat distribution and intervertebral disc height â€“ a 3.0ÂT-MRI study. BMC Musculoskeletal Disorders, 2016, 17, 92.	1.9	28
52	Statins and tendinopathy: a systematic review. Medical Journal of Australia, 2016, 204, 115-121.	1.7	26
53	The natural history of Modic changes in a community-based cohort. Joint Bone Spine, 2017, 84, 197-202.	1.6	23
54	Are biomechanical factors, meniscal pathology, and physical activity risk factors for bone marrow lesions at the knee? A systematic review. Seminars in Arthritis and Rheumatism, 2013, 43, 187-194.	3.4	22

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55	A Doseâ€“response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spine. Arthritis Research and Therapy, 2015, 17, 297.	3.5	21
56	Negative beliefs about low back pain are associated with persistent high intensity low back pain. Psychology, Health and Medicine, 2017, 22, 790-799.	2.4	20
57	High baseline fat mass, but not lean tissue mass, is associated with high intensity low back pain and disability in community-based adults. Arthritis Research and Therapy, 2019, 21, 165.	3.5	20
58	Does aerobic exercise effect pain sensitisation in individuals with musculoskeletal pain? A systematic review. BMC Musculoskeletal Disorders, 2022, 23, 113.	1.9	20
59	Occupational activity is associated with knee cartilage morphology in females. Maturitas, 2010, 66, 72-76.	2.4	19
60	Negative beliefs about back pain are associated with persistent, high levels of low back disability in community-based women. Menopause, 2018, 25, 977-984.	2.0	19
61	Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. Spine, 2016, 41, E489-E493.	2.0	18
62	Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. Spine, 2017, 42, 740-747.	2.0	18
63	Low back pain and disability in community-based women. Menopause, 2009, 16, 24-29.	2.0	17
64	People with low back pain perceive needs for non-biomedical services in workplace, financial, social and household domains: a systematic review. Journal of Physiotherapy, 2018, 64, 74-83.	1.7	17
65	Predictors of Back Pain in Middleâ€Aged Women: Data From the Australian Longitudinal Study of Women's Health. Arthritis Care and Research, 2017, 69, 709-716.	3.4	15
66	The middle layer of lumbar fascia can transmit tensile forces capable of fracturing the lumbar transverse processes: An experimental study. Clinical Biomechanics, 2010, 25, 505-509.	1.2	14
67	Fat Mass Is Associated with Foot Pain in Men: The Geelong Osteoporosis Study. Journal of Rheumatology, 2016, 43, 138-143.	2.0	14
68	Patients' perceived needs for allied health, and complementary and alternative medicines for low back pain: A systematic scoping review. Health Expectations, 2018, 21, 824-847.	2.6	12
69	Is adiposity associated with back and lower limb pain? A systematic review. PLoS ONE, 2021, 16, e0256720.	2.5	12
70	Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. PLoS ONE, 2016, 11, e0153748.	2.5	12
71	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. Arthritis Research and Therapy, 2015, 17, 112.	3.5	11
72	Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. Medicine (United States), 2016, 95, e3368.	1.0	11

#	Article	IF	Citations
73	Physical and psychosocial factors associated with wrist or hand pain among Australian hospital-based nurses. Injury Prevention, 2013, 19, 13-18.	2.4	10
74	Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. Maturitas, 2015, 81, 394-397.	2.4	10
75	Psychological Factors Associated With Ultramarathon Runnersâ€™ Supranormal Pain Tolerance: A Pilot Study. Journal of Pain, 2018, 19, 1406-1415.	1.4	10
76	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. Maturitas, 2018, 113, 7-12.	2.4	10
77	Relationship Between Mental Health and Foot Pain. Arthritis Care and Research, 2014, 66, 1241-1245.	3.4	9
78	Is low-dose amitriptyline effective in the management of chronic low back pain? Study protocol for a randomised controlled trial. Trials, 2016, 17, 514.	1.6	9
79	Early cartilage abnormalities at the hip are associated with obesity and body composition measures â€“ a 3.0T MRI community-based study. Arthritis Research and Therapy, 2015, 17, 107.	3.5	8
80	How Are Obesity and Body Composition Related to Patellar Cartilage? A Systematic Review. Journal of Rheumatology, 2017, 44, 1071-1082.	2.0	8
81	The effect of physical activity on the knee joint: is it good or bad?. British Journal of Sports Medicine, 2007, 41, 546-547.	6.7	7
82	INâ€HOSPITAL OUTCOMES AND HOSPITAL RESOURCE UTILIZATION OF HIP REPLACEMENT PROCEDURES. ANZ Journal of Surgery, 2008, 78, 875-880.	0.7	7
83	A Flatter Proximal Trochlear Groove Is Associated with Patella Cartilage Loss. Medicine and Science in Sports and Exercise, 2012, 44, 496-500.	0.4	7
84	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
85	Course and Contributors to Back Pain in Middle-aged Women Over 9 Years. Spine, 2018, 43, 1648-1656.	2.0	6
86	Psychological characteristics associated with ultraâ€marathon running: An exploratory selfâ€report and psychophysiological study. Australian Journal of Psychology, 2020, 72, 235-247.	2.8	6
87	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
88	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
89	Neural activity during cognitive reappraisal in chronic low back pain: a preliminary study. Scandinavian Journal of Pain, 2021, 21, 586-596.	1.3	4
90	Investigating Individualsâ€™ 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

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91	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
92	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
93	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
94	Rates, costs and determinants of lumbar spine imaging in population-based women born in 1973â€“1978: Data from the Australian Longitudinal Study on Womenâ€™s Health. PLoS ONE, 2020, 15, e0243282.	2.5	1
95	Response to: â€˜A doseâ€“response relationship between severity of disc degeneration and intervertebral disc height in the lumbosacral spineâ€™â€”authorsâ€™ reply. Arthritis Research and Therapy, 2016, 18, 45.	3.5	0
96	Author's response to letter to editor: "Confounding variables in future studies assessing relationship between paraspinal muscles and low back pain". Spine Journal, 2019, 19, 1134-1135.	1.3	0
97	Low-Dose Amitriptyline for Chronic Low Back Painâ€”Reply. JAMA Internal Medicine, 2019, 179, 450.	5.1	0
98	Correspondence: Reply to Hopayian. Journal of Physiotherapy, 2020, 66, 65.	1.7	0
99	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
100	707High 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