

Donna M Urquhart

List of Publications by Year in Descending Order

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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 | 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 |
| 98 | 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 |
| 97 | 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 |
| 96 | 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 |
| 95 | 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 | |
| 94 | 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 |
| 93 | Is adiposity associated with back and lower limb pain? A systematic review. <i>PLoS ONE</i> , 2021 , 16, e02567207 | 3.7 | 1 |
| 92 | 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. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 826 | 2.8 | 0 |
| 91 | 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 | 0 |
| 90 | 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 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | 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 |
| 85 | 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, e0243282 | 3.7 | 28 |
| 84 | Correspondence: Reply to Hopayian. <i>Journal of Physiotherapy</i> , 2020 , 66, 65 | 2.9 | |
| 83 | 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 | |

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| 82 | 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 |
| 81 | 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 | |
| 80 | Low-Dose Amitriptyline for Chronic Low Back Pain-Reply. <i>JAMA Internal Medicine</i> , 2019 , 179, 450-451 | 11.5 | |
| 79 | 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 |
| 78 | Paraspinal muscle cross-sectional area predicts low back disability but not pain intensity. <i>Spine Journal</i> , 2019 , 19, 862-868 | 4 | 19 |
| 77 | The psychology of ultra-marathon runners: A systematic review. <i>Psychology of Sport and Exercise</i> , 2018 , 37, 43-58 | 4.2 | 20 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | Histoire naturelle des aspects Modic: Étude longitudinale. <i>Revue Du Rhumatisme (Edition Francaise)</i> , 2018 , 85, 85-89 | 0.1 | |
| 68 | 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 |
| 67 | 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 |
| 66 | Psychological Factors Associated With Ultramarathon Runners' Supranormal Pain Tolerance: A Pilot Study. <i>Journal of Pain</i> , 2018 , 19, 1406-1415 | 5.2 | 5 |
| 65 | The natural history of Modic changes in a community-based cohort. <i>Joint Bone Spine</i> , 2017 , 84, 197-202 | 2.9 | 15 |

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| 64 | 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 |
| 63 | Epidemiological Differences Between Localized and Nonlocalized Low Back Pain. <i>Spine</i> , 2017 , 42, 740-747 | 3.3 | 13 |
| 62 | 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 |
| 61 | 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 |
| 60 | 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 |
| 59 | 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 |
| 58 | 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 |
| 57 | 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 |
| 56 | 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 |
| 55 | 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 |
| 54 | 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 | |
| 53 | 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 |
| 52 | Descriptive Epidemiology of Somatising Tendency: Findings from the CUPID Study. <i>PLoS ONE</i> , 2016 , 11, e0153748 | 3.7 | 9 |
| 51 | Statins and tendinopathy: a systematic review. <i>Medical Journal of Australia</i> , 2016 , 204, 115-21.e1 | 4 | 20 |
| 50 | 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 |
| 49 | Shorter Lumbar Paraspinal Fascia Is Associated With High Intensity Low Back Pain and Disability. <i>Spine</i> , 2016 , 41, E489-93 | 3.3 | 14 |
| 48 | Relationships Between Weight, Physical Activity, and Back Pain in Young Adult Women. <i>Medicine (United States)</i> , 2016 , 95, e3368 | 1.8 | 9 |
| 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 | 2.8 | 31 |

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|----|---|------|-----|
| 46 | 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 |
| 45 | Could low grade bacterial infection contribute to low back pain? A systematic review. <i>BMC Medicine</i> , 2015 , 13, 13 | 11.4 | 63 |
| 44 | 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 |
| 43 | 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 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | Aspirin is associated with reduced cartilage loss in knee osteoarthritis: Data from a cohort study. <i>Maturitas</i> , 2015 , 81, 394-7 | 5 | 8 |
| 36 | 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 |
| 35 | 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 |
| 34 | Relationship between mental health and foot pain. <i>Arthritis Care and Research</i> , 2014 , 66, 1241-5 | 4.7 | 8 |
| 33 | 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 |
| 32 | Patterns of multisite pain and associations with risk factors. <i>Pain</i> , 2013 , 154, 1769-1777 | 8 | 108 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |

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| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | Sex hormones and structural changes in osteoarthritis: a systematic review. <i>Maturitas</i> , 2011 , 69, 141-56 | 5 | 43 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | Occupational activity is associated with knee cartilage morphology in females. <i>Maturitas</i> , 2010 , 66, 72-6 | 5 | 14 |
| 18 | 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 |
| 17 | Urinary incontinence is associated with lower psychological general well-being in community-dwelling women. <i>Menopause</i> , 2010 , 17, 332-7 | 2.5 | 27 |
| 16 | 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 |
| 15 | 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 |
| 14 | Low back pain and disability in community-based women: prevalence and associated factors. <i>Menopause</i> , 2009 , 16, 24-9 | 2.5 | 15 |
| 13 | 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 |
| 12 | 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 |
| 11 | In-hospital outcomes and hospital resource utilization of hip replacement procedures. <i>ANZ Journal of Surgery</i> , 2008 , 78, 875-80 | 1 | 4 |

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| 10 | 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 |
| 9 | 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 |
| 8 | Antidepressants for non-specific low back pain. <i>The Cochrane Library</i> , 2008 , CD001703 | 5.2 | 80 |
| 7 | 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 |
| 6 | Outcomes of patients with orthopaedic trauma admitted to level 1 trauma centres. <i>ANZ Journal of Surgery</i> , 2006 , 76, 600-6 | 1 | 48 |
| 5 | Differential activity of regions of transversus abdominis during trunk rotation. <i>European Spine Journal</i> , 2005 , 14, 393-400 | 2.7 | 87 |
| 4 | 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 |
| 3 | Regional morphology of the transversus abdominis and obliquus internus and externus abdominis muscles. <i>Clinical Biomechanics</i> , 2005 , 20, 233-41 | 2.2 | 125 |
| 2 | Abdominal muscle recruitment during a range of voluntary exercises. <i>Manual Therapy</i> , 2005 , 10, 144-53 | | 170 |
| 1 | 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 |