What low back pain is and why we need to pay attentio

Lancet, The

391, 2356-2367

DOI: 10.1016/s0140-6736(18)30480-x

Citation Report

#	Article	IF	Citations
1	The Lancet Low Back pain series: A call to action for osteopathy?. International Journal of Osteopathic Medicine, 2018, 28, 70-71.	0.4	6
2	Evidence, alternative facts and narrative: A personal reflection on person-centred care and the role of stories in healthcare. International Journal of Osteopathic Medicine, 2018, 28, 1-3.	0.4	23
3	Prevention and treatment of low back pain: evidence, challenges, and promising directions. Lancet, The, 2018, 391, 2368-2383.	6.3	1,363
4	Low back pain: a major global challenge. Lancet, The, 2018, 391, 2302.	6.3	190
5	Chiropractic as Part of the Solution to the World Crisis in Spine-related Disability. Journal of Chiropractic Humanities, 2018, 25, 6-9.	1.4	7
7	Efficacy of administered mesenchymal stem cells in the initiation and coâ€ordination of repair processes by resident disc cells in an ovine (<scp>Ovis aries</scp>) large destabilizing lesion model of experimental disc degeneration. JOR Spine, 2018, 1, e1037.	1.5	24
8	Clinical and cost-effectiveness of collaborative traditional Korean and Western medicine treatment for low back pain. Medicine (United States), 2018, 97, e12595.	0.4	2
9	The role of osteopathy in the Swiss primary health care system: a practice review. BMJ Open, 2021, 8, e023770.	0.8	39
10	Role of Sonic Hedgehog Signaling Pathway in Intervertebral Disk Formation and Maintenance. Current Molecular Biology Reports, 2018, 4, 173-179.	0.8	17
11	Early clinical findings may predict long-term development of radiographic knee osteoarthritis in patients with anterior cruciate ligament reconstruction. Annals of Joint, 0, 3, 72-72.	1.0	0
12	Is chronic low back pain a risk factor for diabetes? The Nord-TrÃ¸ndelag Health Study. BMJ Open Diabetes Research and Care, 2018, 6, e000569.	1.2	14
13	Unconventional Practitionersâ€™ Causal Beliefs and Treatment Strategies for Chronic Low Back Pain in Rural Nigeria. Health Services Insights, 2018, 11, 117863291880878.	0.6	17
14	Low back pain â€“ Authors' reply. Lancet, The, 2018, 392, 2549-2550.	6.3	8
15	Low back pain. Lancet, The, 2018, 392, 2548.	6.3	6
16	Low back pain. Lancet, The, 2018, 392, 2547-2548.	6.3	0
17	Low back pain. Nature Reviews Disease Primers, 2018, 4, 52.	18.1	262
18	GLA:DÂ® Back group-based patient education integrated with exercises to support self-management of back painÂ- development, theories and scientific evidenceÂ-. BMC Musculoskeletal Disorders, 2018, 19, 418.	0.8	40
19	Dietary advanced glycation end-product consumption leads to mechanical stiffening of murine intervertebral discs. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	27

#	Article	IF	Citations
20	Advancing cell therapies for intervertebral disc regeneration from the lab to the clinic: Recommendations of the ORS spine section. JOR Spine, 2018, 1, e1036.	1.5	74
21	The burden of musculoskeletal disorders in Mexico at national and state level, 1990â€“2016: estimates from the global burden of disease study 2016. Osteoporosis International, 2018, 29, 2745-2760.	1.3	19
22	Osteoarthritis and intervertebral disc degeneration: Quite different, quite similar. JOR Spine, 2018, 1, e1033.	1.5	55
23	Pain neurophysiology knowledge among physical therapy students in Saudi Arabia: a cross-sectional study. BMC Medical Education, 2018, 18, 228.	1.0	10
24	Parkin-mediated mitophagy as a potential therapeutic target for intervertebral disc degeneration. Cell Death and Disease, 2018, 9, 980.	2.7	68
25	New horizons in spine research: Disc biology, tissue engineering, biomechanics, translational, and clinical research. JOR Spine, 2018, 1, e1032.	1.5	8
26	Promoting the use of self-management in novice chiropractors treating individuals with spine pain: the design of a theory-based knowledge translation intervention. BMC Musculoskeletal Disorders, 2018, 19, 328.	0.8	7
27	â€˜Trying to put a square peg into a round holeâ€™: a qualitative study of healthcare professionalsâ€™ views of integrating complementary medicine into primary care for musculoskeletal and mental health comorbidity. BMC Complementary and Alternative Medicine, 2018, 18, 290.	3.7	15
28	Is establishing a specialist back pain assessment and management service in primary care a safe and effective model? Twelve-month results from the Back pain Assessment Clinic (BAC) prospective cohort pilot study. BMJ Open, 2018, 8, e019275.	0.8	7
29	Controlling the burden of spinal disorders in low- and middle-income countries. European Spine Journal, 2018, 27, 773-775.	1.0	1
30	Do medical conditions predispose to the development of chronic back pain? A longitudinal co-twin control study of middle-aged males with 11-year follow-up. BMC Musculoskeletal Disorders, 2018, 19, 362.	0.8	5
31	Does Electroacupuncture Treatment Reduce Pain and Change Quantitative Sensory Testing Responses in Patients with Chronic Nonspecific Low Back Pain? A Randomized Controlled Clinical Trial. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	0.5	14
32	Effectiveness of physical therapy interventions for low back pain targeting the low back only or low back plus hips: a randomized controlled trial protocol. Brazilian Journal of Physical Therapy, 2018, 22, 424-430.	1.1	6
33	Physical Therapy Approaches in the Treatment of Low Back Pain. Pain and Therapy, 2018, 7, 127-137.	1.5	77
34	Lancet Series. Spine, 2018, 43, 1239-1240.	1.0	1
35	The Global Spine Care Initiative: model of care and implementation. European Spine Journal, 2018, 27, 925-945.	1.0	52
36	The Global Spine Care Initiative: care pathway for people with spine-related concerns. European Spine Journal, 2018, 27, 901-914.	1.0	41
37	Informed appropriate imaging for low back pain management: A narrative review. Journal of Orthopaedic Translation, 2018, 15, 21-34.	1.9	38

#	Article	IF	Citations
38	Identification of prognostic factors and assessment methods on the evaluation of non-specific low back pain in a biopsychosocial environment: A scoping review. International Journal of Osteopathic Medicine, 2018, 30, 25-34.	0.4	14
39	Is it time to reframe how we care for people with non-traumatic musculoskeletal pain?. British Journal of Sports Medicine, 2018, 52, 1543-1544.	3.1	99
40	Questioning Prediction of Lumbar Spine Surgery Outcomeâ€"Why We Need to Pay Attention. JAMA Surgery, 2018, 153, 1061.	2.2	0
41	Low back pain: a major global problem for which the chiropractic profession needs to take more care. Chiropractic & Manual Therapies, 2018, 26, 28.	0.6	8
42	'The ghost in the machine' - But whose ghost is it and what machine? A response to Wallden and Chek's editorials. Journal of Bodywork and Movement Therapies, 2018, 22, 1022-1024.	0.5	5
43	Persuading the public that less is more. BMJ: British Medical Journal, 2018, 362, k2956.	2.4	2
45	Biomaterials for intervertebral disc regeneration: Current status and looming challenges. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 2188-2202.	1.3	55
46	Does the performance of five back-associated exercises relate to the presence of low back pain? A cross-sectional observational investigation in regional Australian council workers. BMJ Open, 2018, 8, e020946.	0.8	2
47	The Global Spine Care Initiative: World Spine Care executive summary on reducing spine-related disability in low- and middle-income communities. European Spine Journal, 2018, 27, 776-785.	1.0	36
48	Osteopathic care for low back pain and neck pain: A cost-utility analysis. Complementary Therapies in Medicine, 2018, 40, 207-213.	1.3	16
49	Is occupational or leisure physical activity associated with low back pain? Insights from a cross-sectional study of 1059 participants. Brazilian Journal of Physical Therapy, 2019, 23, 257-265.	1.1	27
50	Lumbar erector spinae and sacral multifidus contractile properties in healthy females and males as determined by laser displacement mechanomyography. Biomedical Signal Processing and Control, 2019, 47, 1-6.	3.5	2
51	Psychosocial factors in low back pain: letting go of our misconceptions can help management. British Journal of Sports Medicine, 2019, 53, 793-794.	3.1	26
52	Whole of community pain education for back pain. Why does first-line care get almost no attention and what exactly are we waiting for?. British Journal of Sports Medicine, 2019, 53, 588-589.	3.1	14
53	Work-related ill-health in construction: The importance of scope, ownership and understanding. Safety Science, 2019, 120, 538-550.	2.6	19
54	Chronic low back pain beliefs and management practices in Africa: Time for a rethink?. Musculoskeletal Care, 2019, 17, 376-381.	0.6	9
55	Care for low back pain: can health systems deliver?. Bulletin of the World Health Organization, 2019, 97, 423-433.	1.5	136
56	Between hope and fear: A qualitative study on perioperative experiences and coping of patients after lumbar fusion surgery. International Journal of Orthopaedic and Trauma Nursing, 2019, 35, 100707.	0.4	16

#	Article	IF	Citations
57	Single-motor-unit discharge characteristics in lumbar multifidus muscle of acute low back pain patients. Journal of Neurophysiology, 2019, 122, 1373-1385.	0.9	2
58	The association between headache and low back pain: a systematic review. Journal of Headache and Pain, 2019, 20, 82.	2.5	26
59	Automatic spondylolisthesis grading from MRIs across modalities using faster adversarial recognition network. Medical Image Analysis, 2019, 58, 101533.	7.0	23
60	Core stability and low-back pain: a causal fallacy. Journal of Exercise Rehabilitation, 2019, 15, 493-495.	0.4	2
61	Are respiratory disorders risk factors for troublesome low-back pain? A study of a general population cohort in Sweden. European Spine Journal, 2019, 28, 2502-2509.	1.0	7
63	Neuromuscular exercise reduces low back pain intensity and improves physical functioning in nursing duties among female healthcare workers; secondary analysis of a randomised controlled trial. BMC Musculoskeletal Disorders, 2019, 20, 328.	0.8	29
64	Adult spinal deformity. Lancet, The, 2019, 394, 160-172.	6.3	247
65	Is diversity of leisure-time sport activities associated with low back and neckâ€“shoulder region pain? A Finnish twin cohort study. Preventive Medicine Reports, 2019, 15, 100933.	0.8	2
66	State-of-the-Art Exercise Concepts for Lumbopelvic and Spinal Muscles â€“ Transferability to Microgravity. Frontiers in Physiology, 2019, 10, 837.	1.3	8
67	Analyzing inappropriate magnetic resonance imaging (MRI) prescriptions and resulting economic burden on patients suffering from back pain. International Journal of Health Planning and Management, 2019, 34, e1437-e1447.	0.7	6
68	Potential Unintended Effects of Standardized Pain Questionnaires: A Qualitative Study. Pain Medicine, 2020, 21, e22-e33.	0.9	6
69	Recovering the capability to work among patients with chronic low Back pain after a four-week, multidisciplinary biopsychosocial rehabilitation program: 18-month follow-up study. BMC Musculoskeletal Disorders, 2019, 20, 439.	0.8	18
70	The Nordic Maintenance Care Program: Does psychological profile modify the treatment effect of a preventive manual therapy intervention? A secondary analysis of a pragmatic randomized controlled trial. PLoS ONE, 2019, 14, e0223349.	1.1	11
71	Promoting the use of self-management in patients with spine pain managed by chiropractors and chiropractic interns: barriers and design of a theory-based knowledge translation intervention. Chiropractic & Manual Therapies, 2019, 27, 44.	0.6	6
72	Back beliefs among elderly seeking health care due to back pain; psychometric properties of the Norwegian version of the back beliefs questionnaire. BMC Musculoskeletal Disorders, 2019, 20, 510.	0.8	6
73	Lower serum 25-hydroxyvitamin D3 concentration is associated with higher pain and disability in subjects with low back pain: a caseâ€“control study. BMC Research Notes, 2019, 12, 738.	0.6	2
74	The best treatment option(s) for adult and elderly patients with chronic primary musculoskeletal pain: a protocol for a systematic review and network meta-analysis. Systematic Reviews, 2019, 8, 269.	2.5	11
75	Natural History of Back Pain in Older Adults over Five Years. Journal of the American Board of Family Medicine, 2019, 32, 781-789.	0.8	14

#	Article	IF	Citations
76	Slow depressurization following intradiscal injection leads to injectate leakage in a large animal model. JOR Spine, 2019, 2, e1061.	1.5	10
77	Acupuncture therapy for chronic low back pain: protocol of a prospective, multi-center, registry study. BMC Musculoskeletal Disorders, 2019, 20, 488.	0.8	7
78	The StarT back screening tool and a pain mannequin improve triage in individuals with low back pain at risk of a worse prognosis â€“ a population based cohort study. BMC Musculoskeletal Disorders, 2019, 20, 460.	0.8	6
79	A perspective on Councils on Chiropractic Education accreditation standards and processes from the inside: a narrative description of expert opinion, part 2: Analyses of particular responses to research findings. Chiropractic & Manual Therapies, 2019, 27, 56.	0.6	8
80	Psychosocial areas of worklife and chronic low back pain: a systematic review and meta-analysis. BMC Musculoskeletal Disorders, 2019, 20, 480.	0.8	47
81	The contemporary management of nonspecific lower back pain. Pain Management, 2019, 9, 475-482.	0.7	10
82	Perspectives in complementary medicine: mechanisms and controversies over the use of acupuncture for pain management. Pain Management, 2019, 9, 435-439.	0.7	1
83	Lumbar Spinal Loading during Stoop, Squat, and Kneeling Lifting. , 2019, , .		1
84	Effectiveness of workplace interventions in rehabilitating musculoskeletal disorders and preventing its consequences among workers with physical and sedentary employment: systematic review protocol. Systematic Reviews, 2019, 8, 219.	2.5	14
85	Meanings of Pain. , 2019, , .		5
86	Health-care utilisation for low back pain: a systematic review and meta-analysis of population-based observational studies. Rheumatology International, 2019, 39, 1663-1679.	1.5	51
87	Transient perceived back pain induced by prolonged sitting in a backless office chair: are biomechanical factors involved?. Ergonomics, 2019, 62, 1415-1425.	1.1	12
88	The Evolving Case Supporting Individualised Physiotherapy for Low Back Pain. Journal of Clinical Medicine, 2019, 8, 1334.	1.0	9
89	Tratamento de pacientes com dor lombar crÃ´nica inespecÃfica por fisioterapeutas: um estudo transversal. Fisioterapia E Pesquisa, 2019, 26, 15-21.	0.3	9
90	The Fear Reduction Exercised Early (FREE) approach to management of low back pain in general practice: A pragmatic cluster-randomised controlled trial. PLoS Medicine, 2019, 16, e1002897.	3.9	29
91	The Critical Role of Development of the Transversus Abdominis in the Prevention and Treatment of Low Back Pain. HSS Journal, 2019, 15, 214-220.	0.7	14
92	Asymmetry of lumbar muscles fatigability with non-specific chronic low back pain patients. European Spine Journal, 2019, 28, 2526-2534.	1.0	9
93	Exposure in vivo Induced Changes in Neural Circuitry for Pain-Related Fear: A Longitudinal fMRI Study in Chronic Low Back Pain. Frontiers in Neuroscience, 2019, 13, 970.	1.4	15

#	Article	IF	Citations
94	How much of the effect of exercise and advice for subacute low back pain is mediated by depressive symptoms?. Musculoskeletal Science and Practice, 2019, 44, 102055.	0.6	4
95	Gender Differences in Pain Risk in Old Age: Magnitude and Contributors. Mayo Clinic Proceedings, 2019, 94, 1707-1717.	1.4	16
96	Musculoskeletal disorders â€“ a challenge to society and to physiotherapists. European Journal of Physiotherapy, 2019, 21, 185-186.	0.7	1
97	Dietary polyphenols as a safe and novel intervention for modulating pain associated with intervertebral disc degeneration in an in-vivo rat model. PLoS ONE, 2019, 14, e0223435.	1.1	13
98	Engaging with evidence-based practice in the osteopathy clinical learning environment: A mixed methods pilot study. International Journal of Osteopathic Medicine, 2019, 33-34, 52-58.	0.4	6
99	Gait Assessment of Pain and Analgesics: Comparison of the DigiGaitâ„¢ and CatWalkâ„¢ Gait Imaging Systems. Neuroscience Bulletin, 2019, 35, 401-418.	1.5	48
100	The prevalence and years lived with disability caused by low back pain in China, 1990 to 2016: findings from the global burden of disease study 2016. Pain, 2019, 160, 237-245.	2.0	64
101	Baduanjin exercise for low back pain: A systematic review and meta-analysis. Complementary Therapies in Medicine, 2019, 43, 109-116.	1.3	33
102	Psychologically informed approaches to chronic low back pain: Exploring musculoskeletal physiotherapists' attitudes and beliefs. Musculoskeletal Care, 2019, 17, 272-276.	0.6	11
103	Requirements for implementing online information material for patients with low back pain in general practice: an interview study. Scandinavian Journal of Primary Health Care, 2019, 37, 60-68.	0.6	11
104	Imaging use for low back pain by Ontario primary care clinicians: protocol for a mixed methods study â€“ the Back ON study. BMC Musculoskeletal Disorders, 2019, 20, 50.	0.8	5
105	Effects of spinal manipulative therapy biomechanical parameters on clinical and biomechanical outcomes of participants with chronic thoracic pain: a randomized controlled experimental trial. BMC Musculoskeletal Disorders, 2019, 20, 29.	0.8	11
106	Tapentadol: an effective option for the treatment of back pain . Journal of Pain Research, 2019, Volume 12, 1521-1528.	0.8	19
107	Multidimensional prognostic factors for chronic low back pain-related disability: a longitudinal study in a Saudi population. Spine Journal, 2019, 19, 1548-1558.	0.6	15
108	Non-pharmacological treatment of low back pain in primary care. Drug and Therapeutics Bulletin, 2019, 57, 104-108.	0.3	9
109	Recurrence of low back pain is common: a prospective inception cohort study. Journal of Physiotherapy, 2019, 65, 159-165.	0.7	98
110	Effect of 12-Week Whole-Body Vibration Exercise on Lumbopelvic Proprioception and Pain Control in Young Adults with Nonspecific Low Back Pain. Medical Science Monitor, 2019, 25, 443-452.	0.5	20
111	Clinical efficacy of spa therapy (balneotherapy) for chronic low back pain: A randomized single-blind trial. European Journal of Integrative Medicine, 2019, 29, 100928.	0.8	13

#	Article	IF	Citations
112	Methylsulfonylmethane for treatment of low back pain: A safety analysis of a randomized, controlled trial. Complementary Therapies in Medicine, 2019, 45, 85-88.	1.3	7
113	Do sensorimotor cortex activity, an individualâ€™s capacity for neuroplasticity, and psychological features during an episode of acute low back pain predict outcome at 6 months: a protocol for an Australian, multisite prospective, longitudinal cohort study. BMJ Open, 2019, 9, e029027.	0.8	10
114	Orthopedic Injury Profiles in Adolescent Elite Athletes: A Retrospective Analysis From a Sports Medicine Department. Frontiers in Physiology, 2019, 10, 544.	1.3	11
115	Spinal manipulation frequency and dosage effects on clinical and physiological outcomes: a scoping review. Chiropractic & Manual Therapies, 2019, 27, 23.	0.6	35
116	Patient and practitioner experience with clinical lumbar motion monitor wearable technology. Health and Technology, 2019, 9, 289-295.	2.1	4
117	Long-term results of an intensive cognitive behavioral pain management program for patients with chronic low back pain: a concise report of an extended cohort with a minimum of 5-year follow-up. European Spine Journal, 2019, 28, 1579-1585.	1.0	14
118	The cost impact of a quality-assured mechanical assessment in primary low back pain care. Journal of Manual and Manipulative Therapy, 2019, 27, 277-286.	0.7	5
119	The effect of control strategies for an active back-support exoskeleton on spine loading and kinematics during lifting. Journal of Biomechanics, 2019, 91, 14-22.	0.9	65
120	Clinical and imaging characteristics of patients with extreme low back pain or sciatica referred for spinal injection. Neuroradiology, 2019, 61, 881-889.	1.1	2
122	Preferred self-administered questionnaires to assess fear of movement, coping, self-efficacy, and catastrophizing in patients with musculoskeletal painâ€"A modified Delphi study. Pain, 2019, 160, 600-606.	2.0	32
123	A Survey of Work-Related Pain Prevalence Among Construction Workers in Hong Kong: A Case-Control Study. International Journal of Environmental Research and Public Health, 2019, 16, 1404.	1.2	24
124	What decreases low back pain? A qualitative study of patient perspectives. Scandinavian Journal of Pain, 2019, 19, 597-603.	0.5	10
125	Expectations influence treatment outcomes in patients with low back pain. A secondary analysis of data from a randomized clinical trial. European Journal of Pain, 2019, 23, 1378-1389.	1.4	37
126	The Beneficial Effects of Traditional Chinese Exercises for Adults with Low Back Pain: A Meta-Analysis of Randomized Controlled Trials. Medicina (Lithuania), 2019, 55, 118.	0.8	40
127	The impact of income support systems on healthcare quality and functional capacity in workers with low back pain: a realist review protocol. Systematic Reviews, 2019, 8, 92.	2.5	5
128	Osteoarticular manifestations of human brucellosis: A review. World Journal of Orthopedics, 2019, 10, 54-62.	0.8	84
130	The natural course of low back pain from childhood to young adulthood â€“ a systematic review. Chiropractic & Manual Therapies, 2019, 27, 10.	0.6	31
131	Determinants of diagnostic delay in axial spondyloarthritis: an analysis based on linked claims and patient-reported survey data. Rheumatology, 2019, 58, 1634-1638.	0.9	100

#	Article	IF	Citations
132	Change in young people's spine pain following chiropractic care at a publicly funded healthcare facility in Canada. Complementary Therapies in Clinical Practice, 2019, 35, 301-307.	0.7	6
133	A conceptual framework for increasing clinical staff member involvement in general practice: a proposed strategy to improve the management of low back pain. BMC Family Practice, 2019, 20, 30.	2.9	4
134	A Definition of â€œFlareâ€•in Low Back Pain: A Multiphase Process Involving Perspectives of Individuals With Low Back Pain and Expert Consensus. Journal of Pain, 2019, 20, 1267-1275.	0.7	25
135	Results of a feasibility randomised clinical trial on pain education for low back pain in Nepal: the Pain Education in Nepal-Low Back Pain (PEN-LBP) feasibility trial. BMJ Open, 2019, 9, e026874.	0.8	36
136	Pain Behaviour Scale (PaBS): An Exploratory Study of Reliability and Construct Validity in a Chronic Low Back Pain Population. Pain Research and Management, 2019, 2019, 1-10.	0.7	6
137	Reduced muscle activity variability in lumbar extensor muscles during sustained sitting in individuals with chronic low back pain. PLoS ONE, 2019, 14, e0213778.	1.1	13
138	Comparative efficacy and safety of surgical and invasive treatments for adults with degenerative lumbar spinal stenosis: protocol for a network meta-analysis and systematic review. BMJ Open, 2019, 9, e024752.	0.8	1
139	Defects in intervertebral disc and spine during development, degeneration, and pain: New research directions for disc regeneration and therapy. Wiley Interdisciplinary Reviews: Developmental Biology, 2019, 8, e343.	5.9	33
140	Cognitive functional therapy in patients with nonâ€specific chronic low back painâ€”a randomized controlled trial 3â€year followâ€up. European Journal of Pain, 2019, 23, 1416-1424.	1.4	64
141	Aging of mouse intervertebral disc and association with back pain. Bone, 2019, 123, 246-259.	1.4	47
142	Should Physical Therapists Assess Sleep Quality in Patients Seeking Care for Low Back Pain?. Physical Therapy, 2019, 99, 961-963.	1.1	6
143	Systematic Review of Decision Analytic Modelling in Economic Evaluations of Low Back Pain and Sciatica. Applied Health Economics and Health Policy, 2019, 17, 467-491.	1.0	22
144	Identifying brain regions associated with the neuropathology of chronic low back pain: a resting-state amplitude of low-frequency fluctuation study. British Journal of Anaesthesia, 2019, 123, e303-e311.	1.5	73
145	Imaging versus no imaging for low back pain: a systematic review, measuring costs, healthcare utilization and absence from work. European Spine Journal, 2019, 28, 937-950.	1.0	55
146	Efficacy of intradermal administration of diclofenac for the treatment of nonspecific chronic low back pain: results from a retrospective observational study. European Journal of Physical and Rehabilitation Medicine, 2019, 55, 472-479.	1.1	7
147	Multisite joint pain in older Australian women is associated with poorer psychosocial health and greater medication use. Chiropractic & Manual Therapies, 2019, 27, 8.	0.6	16
148	Managing low back pain in active adolescents. Best Practice and Research in Clinical Rheumatology, 2019, 33, 102-121.	1.4	19
149	An observational study on trajectories and outcomes of chronic low back pain patients referred from a spine surgery division for chiropractic treatment. Chiropractic & Manual Therapies, 2019, 27, 6.	0.6	7

#	Article	IF	Citations
150	Exploratory study of adalimumab in twelve patients with chronic low back pain associated with Modic I changes. Joint Bone Spine, 2019, 86, 657-658.	0.8	2
151	Emotional Distress Correlates Among Patients With Chronic Nonspecific Low Back Pain: A Hierarchical Linear Regression Analysis. Pain Practice, 2019, 19, 510-521.	0.9	19
152	Combined education and patient-led goal setting intervention reduced chronic low back pain disability and intensity at 12 months: a randomised controlled trial. British Journal of Sports Medicine, 2019, 53, 1424-1431.	3.1	52
153	GLA:DÂ® Back: implementation of group-based patient education integrated with exercises to support self-management of back pain - protocol for a hybrid effectiveness-implementation study. BMC Musculoskeletal Disorders, 2019, 20, 85.	0.8	27
154	Discogenic Back Pain: Literature Review of Definition, Diagnosis, and Treatment. JBMR Plus, 2019, 3, e10180.	1.3	114
155	Effects of motor control exercise and patient education program in the management of chronic low back pain among community-dwelling adults in rural Nigeria: a study protocol for a randomized clinical trial. Integrative Medicine Research, 2019, 8, 71-81.	0.7	6
156	Aspects influencing clinical reasoning and decision-making when matching treatment to patients with low back pain in primary healthcare. Musculoskeletal Science and Practice, 2019, 41, 6-14.	0.6	17
157	Delivering the right care to people with low back pain in low- and middle-income countries: the case of Nepal. Journal of Global Health, 2019, 9, 010304.	1.2	10
158	Prevalence and profile of Australian osteopaths treating older people. Complementary Therapies in Medicine, 2019, 43, 125-130.	1.3	8
159	Chiropractic, one big unhappy family: better together or apart?. Chiropractic & Manual Therapies, 2019, 27, 4.	0.6	37
160	Chronic localized back pain due to entrapment of cutaneous branches of posterior rami of the thoracic nerves (POCNES): a case series on diagnosis and management . Journal of Pain Research, 2019, Volume 12, 715-723.	0.8	7
161	Integrating Mobile-health, health coaching, and physical activity to reduce the burden of chronic low back pain trial (IMPACT): a pilot randomised controlled trial. BMC Musculoskeletal Disorders, 2019, 20, 71.	0.8	102
162	Identifying psychosocial characteristics that predict outcome to the UPLIFT programme for people with persistent back pain: protocol for a prospective cohort study. BMJ Open, 2019, 9, e028747.	0.8	6
163	Understanding patient profiles and characteristics of current chiropractic practice: a cross-sectional Ontario Chiropractic Observation and Analysis STudy (O-COAST). BMJ Open, 2019, 9, e029851.	0.8	24
164	Comparative Effectiveness of 2 Manual Therapy Techniques in the Management of Lumbar Radiculopathy: A Randomized Clinical Trial. Journal of Chiropractic Medicine, 2019, 18, 253-260.	0.3	8
166	Effects of lumbar extensor muscle strengthening and neuromuscular control retraining on disability in patients with chronic low back pain: a protocol for a randomised controlled trial. BMJ Open, 2019, 9, e028259.	0.8	11
167	Is age more than manual material handling associated with lumbar vertebral body and disc changes? A cross-sectional multicentre MRI study. BMJ Open, 2019, 9, e029657.	0.8	2
168	The effect of chronic, non-specific low back pain on superficial lumbar muscle activity: a protocol for a systematic review and meta-analysis. BMJ Open, 2019, 9, e029850.	0.8	7

#	Article	IF	Citations
169	Cross-cultural adaptation, testâ€“retest reliability, and construct validity of the Thai version of the University of Washington Pain-Related Self-Efficacy Scale. Pain Reports, 2019, 4, e787.	1.4	3
170	Experience of living with knee osteoarthritis: a systematic review of qualitative studies. BMJ Open, 2019, 9, e030060.	0.8	75
171	Dry cupping in the treatment of individuals with non-specific chronic low back pain: a protocol for a placebo-controlled, randomised, double-blind study. BMJ Open, 2019, 9, e032416.	0.8	13
172	Assessment of Construct Validity of the Oswestry Disability Index and the Scoliosis Research Societyâ€“30 Questionnaire (SRS-30) in Patients With Degenerative Spinal Disease. Spine Deformity, 2019, 7, 929-936.	0.7	12
173	Diagnosis and treatment of sciatica. BMJ, The, 2019, 367, l6273.	3.0	67
174	Knowledge of psychosocial factors associated with low back pain amongst health science students: a scoping review. Chiropractic & Manual Therapies, 2019, 27, 64.	0.6	8
175	Does the awareness of having a lumbar spondylolisthesis influence self-efficacy and kinesiophobia? A retrospective analysis. Archives of Physiotherapy, 2019, 9, 16.	0.7	3
176	Not the Last Word: Prizes for Cures. Clinical Orthopaedics and Related Research, 2019, 477, 1786-1789.	0.7	1
177	Effect of Tai Chi alone or as additional therapy on low back pain. Medicine (United States), 2019, 98, e17099.	0.4	29
178	Exploring the origin of low back pain sub-classification: a scoping review protocol. JBI Database of Systematic Reviews and Implementation Reports, 2019, 17, 1600-1606.	1.7	7
179	Development of an Evidence-Based Practical Diagnostic Checklist and Corresponding Clinical Exam for Low Back Pain. Journal of Manipulative and Physiological Therapeutics, 2019, 42, 665-676.	0.4	16
180	Understanding Causal Pathways for Occupationally Related Low Back Disorders. Proceedings of the Human Factors and Ergonomics Society, 2019, 63, 955-956.	0.2	0
181	Effect of sIL-13RÎ±2-Fc on the progression of rat tail intervertebral disc degeneration. Journal of Orthopaedic Surgery and Research, 2019, 14, 386.	0.9	7
182	Virtual reality and chronic low back pain. Disability and Rehabilitation: Assistive Technology, 2021, 16, 637-645.	1.3	39
183	The Contextual Effect of Area-Level Unemployment Rate on Lower Back Pain: A Multilevel Analysis of Three Consecutive Surveys of 962,586 Workers in Japan. International Journal of Environmental Research and Public Health, 2019, 16, 4016.	1.2	6
184	Individual recovery expectations and prognosis of outcomes in non-specific low back pain: prognostic factor review. The Cochrane Library, 2019, 2019, .	1.5	83
185	Homeostasis disrupted by strain mechanosensing. Nature Biomedical Engineering, 2019, 3, 951-952.	11.6	2
186	Paraoxonase 1 Was Negatively Associated With Intervertebral Disc Degeneration. Spine, 2019, 44, E1053-E1062.	1.0	2

#	Article	IF	Citations
187	Development of Prediction Model for the Prognosis of Sick Leave Due to Low Back Pain. Journal of Occupational and Environmental Medicine, 2019, 61, 1065-1071.	0.9	7
188	Acupoint injection for nonspecific chronic low back pain. Medicine (United States), 2019, 98, e16478.	0.4	5
189	People With Low Back Pain Display a Different Distribution of Erector Spinae Activity During a Singular Mono-Planar Lifting Task. Frontiers in Sports and Active Living, 2019, 1, 65.	0.9	13
190	Transcultural adaption and preliminary evaluation of â€œunderstanding low back painâ€•patient education booklet. BMC Health Services Research, 2019, 19, 1010.	0.9	13
191	Nano-hydroxyapatite(n-HA) involved in the regeneration of rat nerve injury triggered by overloading stretch. Medicine in Novel Technology and Devices, 2019, 4, 100022.	0.9	8
192	Degenerative Disc Disease. Spine, 2019, 44, 1523-1529.	1.0	42
193	Changes in the Organization of the Secondary Somatosensory Cortex While Processing Lumbar Proprioception and the Relationship With Sensorimotor Control in Low Back Pain. Clinical Journal of Pain, 2019, 35, 394-406.	0.8	14
194	Effects of photobiomodulation therapy on inflammatory mediators in patients with chronic non-specific low back pain. Medicine (United States), 2019, 98, e15177.	0.4	8
195	Essential key messages about diagnosis, imaging, and self-care for people with low back pain: a modified Delphi study of consumer and expert opinions. Pain, 2019, 160, 2787-2797.	2.0	25
196	Personal and Societal Impact of Low Back Pain. Spine, 2019, 44, E1443-E1451.	1.0	95
197	Total disc replacement versus fusion for lumbar degenerative diseases - a meta-analysis of randomized controlled trials. Medicine (United States), 2019, 98, e16460.	0.4	19
198	A multicenter randomized controlled trial on the efficacy of intradiscal methylene blue injection for chronic discogenic low back pain: the IMBI study. Pain, 2019, 160, 945-953.	2.0	37
199	Evaluating Cortical Alterations in Patients With Chronic Back Pain Using Neuroimaging Techniques: Recent Advances and Perspectives. Frontiers in Psychology, 2019, 10, 2527.	1.1	17
200	Determinants Of Patient Experience With Low Back Pain Interdisciplinary Care: A Pre-Post Interventional Study . Journal of Pain Research, 2019, Volume 12, 3203-3213.	0.8	3
201	Sensory innervation in porous endplates by Netrin-1 from osteoclasts mediates PGE2-induced spinal hypersensitivity in mice. Nature Communications, 2019, 10, 5643.	5.8	72
202	Sex Differences in Rat Intervertebral Disc Structure and Function Following Annular Puncture Injury. Spine, 2019, 44, 1257-1269.	1.0	32
203	Psychometric Properties of the Hindi Version of the Fear-Avoidance Beliefs Questionnaire in Patients With Chronic Non-Specific Low Back Pain. Spine, 2019, 44, E908-E913.	1.0	5
205	The Lancet series on low back pain: reflections and clinical implications. British Journal of Sports Medicine, 2019, 53, 392-393.	3.1	17

#	Article	IF	Citations
206	Advice to athletes with back painâ€"get active! Seriously?. British Journal of Sports Medicine, 2019, 53, 324-325.	3.1	5
207	Description of low back pain clinical trials in physical therapy: a cross sectional study. Brazilian Journal of Physical Therapy, 2019, 23, 448-457.	1.1	7
208	Lumbar axial rotation kinematics in men with non-specific chronic low back pain. Clinical Biomechanics, 2019, 61, 192-198.	0.5	10
209	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.	2.8	8
210	Magnetic resonance spectroscopy (MRS) can identify painful lumbar discs and may facilitate improved clinical outcomes of lumbar surgeries for discogenic pain. European Spine Journal, 2019, 28, 674-687.	1.0	25
211	Theoretical impact of workplace-based primary prevention of lumbar disc surgery in a French region: A pilot study. Work, 2019, 62, 13-20.	0.6	1
212	The relationship between lumbopelvic flexibility and sitting posture in adult women. Journal of Biomechanics, 2019, 84, 204-210.	0.9	11
214	Guideline recommendations on the pharmacological management of non-specific low back pain in primary care â€“ is there a need to change?. Expert Review of Clinical Pharmacology, 2019, 12, 145-157.	1.3	38
215	Kinesio Taping reduces pain and improves disability in low back pain patients: a randomised controlled trial. Physiotherapy, 2019, 105, 65-75.	0.2	28
216	Proinflammatory macrophages promote degenerative phenotypes in rat nucleus pulpous cells partly through ERK and JNK signaling. Journal of Cellular Physiology, 2019, 234, 5362-5371.	2.0	35
217	Low Back Pain: The Potential Contribution of Supraspinal Motor Control and Proprioception. Neuroscientist, 2019, 25, 583-596.	2.6	87
218	Effect of Intensive Patient Education vs Placebo Patient Education on Outcomes in Patients With Acute Low Back Pain. JAMA Neurology, 2019, 76, 161.	4.5	101
219	Work Disability in Australia: An Overview of Prevalence, Expenditure, Support Systems and Services. Journal of Occupational Rehabilitation, 2019, 29, 526-539.	1.2	36
220	Tackling low back pain in Brazil: a wake-up call. Brazilian Journal of Physical Therapy, 2019, 23, 189-195.	1.1	41
221	Psychological Treatment Strategy for Chronic Low Back Pain. Spine Surgery and Related Research, 2019, 3, 199-206.	0.4	33
222	Contributions of birthweight, annualised weight gain and BMI to back pain in adults: a population-based co-twin control study of 2754 Australian twins. European Spine Journal, 2019, 28, 224-233.	1.0	2
223	Effects of a passive exoskeleton on the mechanical loading of the low back in static holding tasks. Journal of Biomechanics, 2019, 83, 97-103.	0.9	135
224	The use of STarT back screening tool to predict functional disability outcomes in patients receiving physical therapy for low back pain. Spine Journal, 2019, 19, 645-654.	0.6	21

#	Article	IF	Citations
225	Annulus fibrosus cell phenotypes in homeostasis and injury: implications for regenerative strategies. Annals of the New York Academy of Sciences, 2019, 1442, 61-78.	1.8	66
226	Are perinatal factors associated with musculoskeletal pain across the lifespan? A systematic review with meta-analysis. Musculoskeletal Science and Practice, 2019, 39, 170-177.	0.6	1
227	Associations between backache and stress among undergraduate students. Journal of American College Health, 2020, 68, 61-67.	0.8	3
228	The effect of visual feedback on people suffering from chronic back and neck pain â€“ a systematic review. Physiotherapy Theory and Practice, 2020, 36, 1220-1231.	0.6	5
229	Low back pain and some associated factors: is there any difference between genders?. Brazilian Journal of Physical Therapy, 2020, 24, 79-87.	1.1	95
230	Characterization of Krt19^{CreERT} allele for targeting the nucleus pulposus cells in the postnatal mouse intervertebral disc. Journal of Cellular Physiology, 2020, 235, 128-140.	2.0	26
231	Inflammaging determines health and disease in lumbar discsâ€"evidence from differing proteomic signatures of healthy, aging, and degenerating discs. Spine Journal, 2020, 20, 48-59.	0.6	31
232	Best practice in radiofrequency denervation of the lumbar facet joints: a consensus technique. British Journal of Pain, 2020, 14, 47-56.	0.7	9
233	The longitudinal relationships between pain severity and disability versus health-related quality of life and costs among chronic low back pain patients. Quality of Life Research, 2020, 29, 275-287.	1.5	48
234	Cognitive functional therapy compared with a group-based exercise and education intervention for chronic low back pain: a multicentre randomised controlled trial (RCT). British Journal of Sports Medicine, 2020, 54, 782-789.	3.1	86
235	Predictive factors of high societal costs among chronic low back pain patients. European Journal of Pain, 2020, 24, 325-337.	1.4	29
236	It is time to move beyond â€˜body region silosâ€™ to manage musculoskeletal pain: five actions to change clinical practice. British Journal of Sports Medicine, 2020, 54, 438-439.	3.1	58
237	Conservative Interventions Reduce Fear in Individuals With Chronic Low Back Pain: A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2020, 101, 329-358.	0.5	39
238	Criteria for inclusion in programs of functional restoration for chronic low back pain: Pragmatic Study. Annals of Physical and Rehabilitation Medicine, 2020, 63, 189-194.	1.1	4
239	Risk factors for episodes of back pain in emerging adults. A systematic review. European Journal of Pain, 2020, 24, 19-38.	1.4	18
240	Validity of the Work Assessment Triage Tool for Selecting Rehabilitation Interventions for Workersâ€™ Compensation Claimants with Musculoskeletal Conditions. Journal of Occupational Rehabilitation, 2020, 30, 318-330.	1.2	9
241	TIGAR impedes compressionâ€induced intervertebral disc degeneration by suppressing nucleus pulposus cell apoptosis and autophagy. Journal of Cellular Physiology, 2020, 235, 1780-1794.	2.0	25
242	Ergonomic Risk Evaluation of the Manual Handling Task of Bovine Quarters in a Brazilian Slaughterhouse. Advances in Intelligent Systems and Computing, 2020, , 57-69.	0.5	2

#	Article	IF	Citations
243	Naringin alleviates H₂O₂-induced apoptosis via the PI3K/Akt pathway in rat nucleus pulposus-derived mesenchymal stem cells. Connective Tissue Research, 2020, 61, 554-567.	1.1	23
244	Factors Associated With the Ultrasound Characteristics of the Lumbar Multifidus: A Systematic Review. PM and R, 2020, 12, 82-100.	0.9	13
245	Eight in Every 10 Abstracts of Low Back Pain Systematic Reviews Presented Spin and Inconsistencies With the Full Text: An Analysis of 66 Systematic Reviews. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 17-23.	1.7	27
246	Association of maximum back and leg pain severity with objective functional impairment as assessed by five-repetition sit-to-stand testing: analysis of two prospective studies. Neurosurgical Review, 2020, 43, 1331-1338.	1.2	3
247	Preferred Self-Administered Questionnaires to Assess Depression, Anxiety and Somatization in People With Musculoskeletal Pain â€“ A Modified Delphi Study. Journal of Pain, 2020, 21, 409-417.	0.7	27
248	Journal impact factor is associated with PRISMA endorsement, but not with the methodological quality of low back pain systematic reviews: a methodological review. European Spine Journal, 2020, 29, 462-479.	1.0	12
249	Illness perceptions associated with patient burden with musculoskeletal pain in outpatient physical therapy practice, a cross-sectional study. Musculoskeletal Science and Practice, 2020, 45, 102072.	0.6	2
250	Task-Specific Sensitivity in Physical Function Testing Predicts Outcome in Patients With Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 206-213.	1.7	3
251	The change of pain classes over time: a latent transition analysis. European Journal of Pain, 2020, 24, 457-469.	1.4	6
252	Changes in the macroscopic morphology of hip muscles in low back pain. Journal of Anatomy, 2020, 236, 3-20.	0.9	8
253	Oswestry Disability Index scores correlate with MRI measurements in degenerating intervertebral discs and endplates. European Journal of Pain, 2020, 24, 346-353.	1.4	11
254	Perception of verticality is altered in people with severe chronic low back pain compared to healthy controls: A cross-sectional study. Musculoskeletal Science and Practice, 2020, 45, 102074.	0.6	3
255	Chronic physical illnesses, mental health disorders, and psychological features as potential risk factors for back pain from childhood to young adulthood: a systematic review with meta-analysis. European Spine Journal, 2020, 29, 480-496.	1.0	21
256	Low back pain: critical assessment of various scales. European Spine Journal, 2020, 29, 503-518.	1.0	48
257	EfficiencyÂof active therapy for low back pain in elderly men. Journal of Back and Musculoskeletal Rehabilitation, 2020, 33, 769-775.	0.4	4
258	Back pain occurrence and treatment-seeking behavior among nurses: the role of work-related emotional burden. Quality of Life Research, 2020, 29, 1301-1310.	1.5	6
259	Informal caring for back pain: overlooked costs of back pain and projections to 2030. Pain, 2020, 161, 1012-1018.	2.0	4
260	Determinants of healthcare utilisation for low back pain: A populationâ€based study in Ethiopia. Health and Social Care in the Community, 2020, 28, 1058-1070.	0.7	8

#	Article	IF	Citations
261	Central pain processing does not differ between first episode and recurrent acute low back pain. Physiotherapy Practice and Research, 2020, 41, 35-42.	0.1	1
262	Lumbar and thoracic kinematics during stepâ€up: Comparison of threeâ€dimensional angles between patients with chronic low back pain and asymptomatic individuals. Journal of Orthopaedic Research, 2020, 38, 1248-1256.	1.2	7
263	Effect of Low Back Pain Chronicity on Patient Outcomes Treated in Outpatient Physical Therapy: A Retrospective Observational Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, 861-869.	0.5	4
264	Effects of a Pilates protocol in individuals with non-specific low back pain compared with healthy individuals: Clinical and electromyographic analysis. Clinical Biomechanics, 2020, 72, 172-178.	0.5	9
265	Alteration of movement patterns in low back pain assessed by Statistical Parametric Mapping. Journal of Biomechanics, 2020, 100, 109597.	0.9	16
266	Ventrolateral disc herniation causes psoas muscle compression: A case report. Radiology Case Reports, 2020, 15, 136-140.	0.2	1
267	Crossâ€sectional associations between the diversity of sport activities and the type of low back pain in adulthood. European Journal of Sport Science, 2020, 20, 1277-1287.	1.4	3
268	Parkin and Nrf2 prevent oxidative stress-induced apoptosis in intervertebral endplate chondrocytes via inducing mitophagy and anti-oxidant defenses. Life Sciences, 2020, 243, 117244.	2.0	68
269	Effects of a passive back exoskeleton on the mechanical loading of the low-back during symmetric lifting. Journal of Biomechanics, 2020, 102, 109486.	0.9	60
270	Reliability and validity of the Microgate Gyko for measuring range of motion of the low back. Musculoskeletal Science and Practice, 2020, 45, 102091.	0.6	11
271	Translation, Cross-cultural Adaptation, and Psychometric Properties of the Hausa Versions of the Numerical Pain Rating Scale and Global Rating of Change Scale in a Low-literate Population With Chronic Low Back Pain. Spine, 2020, 45, E439-E447.	1.0	16
272	Profile of Patients With Acute Low Back Pain Who Sought Emergency Departments. Spine, 2020, 45, E296-E303.	1.0	7
273	What is usual care for low back pain? A systematic review of health care provided to patients with low back pain in family practice and emergency departments. Pain, 2020, 161, 694-702.	2.0	100
274	Predictors of Pain, Function, and Change in Patellofemoral Pain. American Journal of Sports Medicine, 2020, 48, 351-358.	1.9	16
275	Opioids for chronic low back pain: An updated systematic review and metaâ€analysis of efficacy, tolerability and safety in randomized placeboâ€controlled studies of at least 4 weeks of doubleâ€blind duration. European Journal of Pain, 2020, 24, 497-517.	1.4	41
276	Effects of Volitional Spine Stabilization on Trunk Control During Asymmetric Lifting Task in Patients With Recurrent Low Back Pain. Global Spine Journal, 2020, 10, 1006-1014.	1.2	2
277	The effectiveness of traditional Thai massage versus massage with herbal compress among elderly patients with low back pain: A randomised controlled trial. Complementary Therapies in Medicine, 2020, 48, 102253.	1.3	4
278	Exercise treatment effect modifiers in persistent low back pain: an individual participant data meta-analysis of 3514 participants from 27 randomised controlled trials. British Journal of Sports Medicine, 2020, 54, 1277-1278.	3.1	70

#	Article	IF	Citations
279	BMP-3 Promotes Matrix Production in Co-cultured Stem Cells and Disc Cells from Low Back Pain Patients. Tissue Engineering - Part A, 2020, 26, 47-56.	1.6	5
280	The ICD-11 and opportunities for the osteopathy profession. International Journal of Osteopathic Medicine, 2020, 35, 46-49.	0.4	1
281	Flexion-Relaxation Ratio Asymmetry and Its Relation With Trunk Lateral ROM in Individuals With and Without Chronic Nonspecific Low Back Pain. Spine, 2020, 45, E1-E9.	1.0	16
282	Lumbar Axial Rotation Kinematics in an Upright Sitting and With Forward Bending Positions in Men With Nonspecific Chronic Low Back Pain. Spine, 2020, 45, E244-E251.	1.0	4
283	The Danish Chiropractic Low Back Pain Cohort (ChiCo): Description and Summary of an Available Data Source for Research Collaborations . Clinical Epidemiology, 2020, Volume 12, 1015-1027.	1.5	18
284	Painful metaphors: enactivism and art in qualitative research. Medical Humanities, 2021, 47, 235-247.	0.6	11
285	The effect of intermittent diet and/or physical therapy in patients with chronic low back pain: A single-blinded randomized controlled trial. Explore: the Journal of Science and Healing, 2022, 18, 76-81.	0.4	5
286	Can We Change Health Care Costs in Patients With Complex Back Pain?. Spine, 2020, 45, 1443-1450.	1.0	1
287	What Psychosocial and Physical Characteristics Differentiate Office Workers Who Develop Standing-Induced Low Back Pain? A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2020, 17, 7104.	1.2	3
288	Chondroitin synthaseâ€3 regulates nucleus pulposus degeneration through actinâ€induced YAP signaling. FASEB Journal, 2020, 34, 16581-16600.	0.2	13
289	People considering exercise to prevent low back pain recurrence prefer exercise programs that differ from programs known to be effective: a discrete choice experiment. Journal of Physiotherapy, 2020, 66, 249-255.	0.7	19
290	Passive intervertebral motion characteristics in chronic mid to low back pain: A multivariate analysis. Medical Engineering and Physics, 2020, 84, 115-125.	0.8	1
291	Effects of Nutritional Interventions in the Control of Musculoskeletal Pain: An Integrative Review. Nutrients, 2020, 12, 3075.	1.7	18
292	Risk-stratified and stepped models of care for back pain and osteoarthritis: are we heading towards a common model?. Pain Reports, 2020, 5, e843.	1.4	30
293	What are the essential components of a self-management program designed to help workers with chronic low back pain stay at work? A mapping review. European Journal of Physiotherapy, 2022, 24, 164-173.	0.7	3
294	Effectiveness and cost-effectiveness of a progressive, individualised walking and education programme for prevention of low back pain recurrence in adults: study protocol for the WalkBack randomised controlled trial. BMJ Open, 2020, 10, e037149.	0.8	3
295	Psychometric Properties of the Polish Version of the 36-Item WHODAS 2.0 in Patients with Low Back Pain. International Journal of Environmental Research and Public Health, 2020, 17, 7284.	1.2	9
296	Radiofrequency denervation of the lumbar facet joints: guidelines for the RADICAL randomised controlled trial. British Journal of Pain, 2021, 15, 204946372094105.	0.7	1

#	Article	IF	Citations
297	Torture-survivorsâ€™ experiences of healthcare services for pain: a qualitative study. British Journal of Pain, 2021, 15, 204946372095249.	0.7	5
298	Clinical problems of patients with cachexia due to chronic illness: a congress report. ESC Heart Failure, 2020, 7, 3414-3420.	1.4	2
299	Six things you need to know about low back pain. Journal of Primary Health Care, 2020, 12, 195.	0.2	6
300	Acupotomy for third lumbar vertebrae transverse process syndrome. Medicine (United States), 2020, 99, e21072.	0.4	3
301	How effective is a multimodal physical rehabilitation protocol in patients advised surgery for chronic lumbar radicular pain? A retrospective analysis of 189 patients with a minimum follow-up of 1 year. European Journal of Physiotherapy, 2022, 24, 64-68.	0.7	0
302	Differential impact of psychological and psychophysical stress on low back pain in mice. Pain, 2020, 161, 1442-1458.	2.0	15
303	Healthcare utilization and costs for spinal conditions in Ontario, Canada - opportunities for funding high-value care: a retrospective cohort study. Spine Journal, 2020, 20, 874-881.	0.6	23
304	Artificial intelligence to improve back pain outcomes and lessons learnt from clinical classification approaches: three systematic reviews. Npj Digital Medicine, 2020, 3, 93.	5.7	38
305	Burden of musculoskeletal disorders in Iran during 1990â€“2017: estimates from the Global Burden of Disease Study 2017. Archives of Osteoporosis, 2020, 15, 103.	1.0	9
306	Predicting pain recovery in patients with acute low back pain: a study protocol for a broad validation of a prognosis prediction model. BMJ Open, 2020, 10, e040785.	0.8	0
307	Misinformation, chiropractic, and the COVID-19 pandemic. Chiropractic & Manual Therapies, 2020, 28, 65.	0.6	14
308	Low Back Pain Caused by Iliopsoas Tendinopathy Treated with Ultrasound-Guided Local Injection of Anesthetic and Steroid: A Retrospective Study . Journal of Pain Research, 2020, Volume 13, 3023-3029.	0.8	1
309	Adherence to home-based exercises and/or activity advice in low back pain patients: a systematic review. European Journal of Physiotherapy, 2022, 24, 227-242.	0.7	2
310	Global estimates of the need for rehabilitation based on the Global Burden of Disease study 2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 2006-2017.	6.3	1,060
311	Stachydrine ameliorates the progression of intervertebral disc degeneration via the PI3K/Akt/NF-ÎºB signaling pathway: in vitro and in vivo studies. Food and Function, 2020, 11, 10864-10875.	2.1	14
312	Minimum important change values for pain and disability: which is the best to identify a meaningful response in patients with chronic nonspecific low back pain?. Physiotherapy Theory and Practice, 2020, , 1-9.	0.6	2
313	Intra- and Inter-Rater Reliability of Three Measurements for Assessing Tactile Acuity in Individuals with Chronic Low Back Pain. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-14.	0.5	5
314	Acupuncture for chronic nonspecific low back pain. The Cochrane Library, 2020, 2020, CD013814.	1.5	40

#	Article	IF	Citations
315	Identification of DNA methylation associated enrichment pathways in adults with non-specific chronic low back pain. Molecular Pain, 2020, 16, 174480692097288.	1.0	20
316	Trajectories of Disability and Low Back Pain Impact. Spine, 2020, 45, 1649-1660.	1.0	11
317	Effectiveness of a Group-Based Progressive Strength Training in Primary Care to Improve the Recurrence of Low Back Pain Exacerbations and Function: A Randomised Trial. International Journal of Environmental Research and Public Health, 2020, 17, 8326.	1.2	7
318	Electrospinning and <scp>3D</scp> bioprinting for intervertebral disc tissue engineering. JOR Spine, 2020, 3, e1117.	1.5	23
319	Psychosocial consequences of diagnosing nonspecific low-back pain radiologically: a qualitative study. Physiotherapy Theory and Practice, 2022, 38, 890-896.	0.6	7
320	Breath therapy for patients with chronic nonspecific low back pain. Medicine (United States), 2020, 99, e21542.	0.4	0
321	Light-emitting diode photobiomodulation therapy for non-specific low back pain in working nurses. Medicine (United States), 2020, 99, e21611.	0.4	6
322	Acupuncture for acute non-specific low back pain: a randomised, controlled, multicentre intervention study in general practiceâ€"the Acuback study. BMJ Open, 2020, 10, e034157.	0.8	9
323	Exploring supervised machine learning approaches to predicting Veterans Health Administration chiropractic service utilization. Chiropractic & Manual Therapies, 2020, 28, 47.	0.6	6
324	Disability is associated with catastrophizing and not with pain intensity in patients with low back pain: A retrospective study. Physiotherapy Research International, 2020, 25, e1867.	0.7	5
325	Characterization of biomaterials intended for use in the nucleus pulposus of degenerated intervertebral discs. Acta Biomaterialia, 2020, 114, 1-15.	4.1	35
326	Distinct thalamocortical network dynamics are associated with the pathophysiology of chronic low back pain. Nature Communications, 2020, 11, 3948.	5.8	59
327	Radiofrequency denervation for chronic back pain: a systematic review and meta-analysis. BMJ Open, 2020, 10, e035540.	0.8	6
328	The accreditation role of Councils on Chiropractic Education as part of the profession's journey from craft to allied health profession: a commentary. Chiropractic & Manual Therapies, 2020, 28, 40.	0.6	0
329	How do people in China think about causes of their back pain? A predominantly qualitative cross-sectional survey. BMC Musculoskeletal Disorders, 2020, 21, 476.	0.8	6
330	Prevalence and associated occupational factors of low back pain among the bank employees in Dhaka City. Journal of Occupational Health, 2020, 62, e12131.	1.0	22
331	Cohort profile: the AUstralian Twin BACK pain and physical activity study (AUTBACK study). BMJ Open, 2020, 10, e036301.	0.8	2
332	Obesity in Young Adulthood: The Role of Physical Activity Level, Musculoskeletal Pain, and Psychological Distress in Adolescence (The HUNT-Study). International Journal of Environmental Research and Public Health, 2020, 17, 4603.	1.2	5

#	Article	IF	Citations
333	High Intensity Training to Treat Chronic Nonspecific Low Back Pain: Effectiveness of Various Exercise Modes. Journal of Clinical Medicine, 2020, 9, 2401.	1.0	22
334	Treating low back pain â€“ Bridging the gap between manual therapy and exercise. Journal of Bodywork and Movement Therapies, 2020, 24, 452-461.	0.5	2
335	Development and validation of an instrument of occupational low back pain prevention behaviours of nurse. Journal of Advanced Nursing, 2020, 76, 2747-2756.	1.5	6
336	Do pain, function, range of motion, fear and distress differ according to symptom duration and work status in patients with low back pain? A cross-sectional study. European Journal of Physiotherapy, 2020, , 1-8.	0.7	1
337	Estimation of Trunk Muscle Forces Using a Bio-Inspired Control Strategy Implemented in a Neuro-Osteo-Ligamentous Finite Element Model of the Lumbar Spine. Frontiers in Bioengineering and Biotechnology, 2020, 8, 949.	2.0	3
338	Development of a two-part biomaterial adhesive strategy for annulus fibrosus repair and ex vivo evaluation of implant herniation risk. Biomaterials, 2020, 258, 120309.	5.7	38
339	The Interaction Between Pain Intensity and Pain Self-Efficacy in Work Functioning Impairment. Journal of Occupational and Environmental Medicine, 2020, 62, e149-e153.	0.9	3
340	Backs in the Future: A Journey Through the Spinal Landscape. Journal of Occupational Rehabilitation, 2020, 30, 497-504.	1.2	0
341	Evaluating the Characteristics, Reporting and Methodological Quality of Systematic Reviews of Acupuncture for Low Back Pain by Using the Veritas Plot . Journal of Pain Research, 2020, Volume 13, 2633-2652.	0.8	4
342	Spatial Distribution and Asymmetry of Surface Electromyography on Lumbar Muscles of Soldiers with Chronic Low Back Pain. Pain Research and Management, 2020, 2020, 1-8.	0.7	4
343	Clinical and radiographic features of spinal osteoarthritis predict long-term persistence and severity of back pain in older adults. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101427.	1.1	6
344	EQ-5D-5L and SF-6Dv2 utility scores in people living with chronic low back pain: a survey from Quebec. BMJ Open, 2020, 10, e035722.	0.8	13
345	Childhood overweight and obesity and back pain risk: a cohort study of 466 997 children. BMJ Open, 2020, 10, e036023.	0.8	11
346	Productivity losses among people with back pain and among population-based references: a register-based study in Sweden. BMJ Open, 2020, 10, e036638.	0.8	11
347	The Prevalence of Abnormalities in the Pediatric Spine on MRI. Spine, 2020, 45, E1185-E1196.	1.0	13
348	A Biomechanical Waist Comfort Model for Manual Material Lifting. International Journal of Environmental Research and Public Health, 2020, 17, 5948.	1.2	8
349	Efficacy and tolerability of orally administered tramadol/dexketoprofen fixed-dose combination compared to diclofenac/thiocolchicoside in acute low back pain: experience from an Italian, single-centre, observational study. Current Medical Research and Opinion, 2020, 36, 1687-1693.	0.9	10
350	Paracetamol for low back pain: the state of the research field. Expert Review of Clinical Pharmacology, 2020, 13, 1059-1066.	1.3	11

#	Article	IF	Citations
351	Confluent abscesses in autochthonous back muscles after spinal injections. Wiener Medizinische Wochenschrift, 2020, , 1.	0.5	1
352	The burden of non-specific chronic low back pain among adults in KwaZulu-Natal, South Africa: a protocol for a mixed-methods study. BMJ Open, 2020, 10, e039554.	0.8	5
353	The effect on clinical outcomes when targeting spinal manipulation at stiffness or pain sensitivity: a randomized trial. Scientific Reports, 2020, 10, 14615.	1.6	20
354	Adverse childhood experience and adult persistent pain and disability: protocol for a systematic review and meta-analysis. Systematic Reviews, 2020, 9, 215.	2.5	18
355	Is There an Association between Diabetes and Neck and Back Pain? Results of a Case-Control Study. Journal of Clinical Medicine, 2020, 9, 2867.	1.0	9
356	Non-rigid lumbar supports for the management of non-specific low back pain: A literature review and meta-analysis. Annals of Physical and Rehabilitation Medicine, 2022, 65, 101406.	1.1	2
357	Intramuscular EMG Versus Surface EMG of Lumbar Multifidus and Erector Spinae in Healthy Participants. Spine, 2020, 45, E1319-E1325.	1.0	10
358	The reliability of a restraint sensor system for the computer-supported detection of spinal stabilizing muscle deficiencies. BMC Musculoskeletal Disorders, 2020, 21, 597.	0.8	2
359	Psychological interventions for chronic non-specific low back pain: protocol of a systematic review with network meta-analysis. BMJ Open, 2020, 10, e034996.	0.8	7
360	An optimized stepâ€byâ€step protocol for isolation of nucleus pulposus, annulus fibrosus, and end plate cells from the mouse intervertebral discs and subsequent preparation of highâ€quality intact total <scp>RNA</scp>. JOR Spine, 2020, 3, e1108.	1.5	8
361	Clinician and patient beliefs about diagnostic imaging for low back pain: a systematic qualitative evidence synthesis. BMJ Open, 2020, 10, e037820.	0.8	55
363	Effectiveness of walking versus mind-body therapies in chronic low back pain. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overlock	0.4	12
364	The prevalence of psychosocial related terminology in chiropractic program courses, chiropractic accreditation standards, and chiropractic examining board testing content in the United States. Chiropractic & Manual Therapies, 2020, 28, 43.	0.6	6
365	Health-care access and utilization among individuals with low back pain in Iran: a WHO-ILAR COPCORD study. BMC Health Services Research, 2020, 20, 879.	0.9	3
366	Effects of Wuqinxi in the Patients with Chronic Low Back Pain: A Randomized Controlled Trial. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	0.5	8
367	Association Between Modic Changes and Low Back Pain in Middle Age. Spine, 2020, 45, 1360-1367.	1.0	40
368	Clinical course of patients with low back pain following an emergency department presentation: a systematic review and meta-analysis. Emergency Medicine Journal, 2021, 38, 834-841.	0.4	12
369	Effects of exercise therapy in patients with acute low back pain: a systematic review of systematic reviews. Systematic Reviews, 2020, 9, 182.	2.5	24

#	Article	IF	Citations
370	Neurosurgical Evaluation for Patients with Chronic Lower Back Pain. Current Pain and Headache Reports, 2020, 24, 58.	1.3	1
371	The Lancet Series call to action to reduce low value care for low back pain: an update. Pain, 2020, 161, S57-S64.	2.0	121
372	Decreased Functional Capacity in Individuals with Chronic Non-Specific Low Back Pain: A Cross-Sectional Comparative Study . Journal of Pain Research, 2020, Volume 13, 1979-1986.	0.8	9
373	Presenteeism and Associated Factors Among Nursing Personnel with Low Back Pain: A Cross-Sectional Study . Journal of Pain Research, 2020, Volume 13, 2979-2986.	0.8	8
374	Patientsâ€™ Views on the Implementation Potential of a Stratified Treatment Approach for Low Back Pain in Germany: A Qualitative Study. Health Services Insights, 2020, 13, 117863292097789.	0.6	7
375	Advanced Glycation End Product Inhibitor Pyridoxamine Attenuates IVD Degeneration in Type 2 Diabetic Rats. International Journal of Molecular Sciences, 2020, 21, 9709.	1.8	9
376	The impact of income support systems on healthcare quality and functional capacity in workers with low back pain: a realist review. Pain, 2020, 161, 2690-2709.	2.0	3
377	Differences in Proprioception Between Young and Middle-Aged Adults With and Without Chronic Low Back Pain. Frontiers in Neurology, 2020, 11, 605787.	1.1	14
378	Transforming low back pain care delivery in the United States. Pain, 2020, 161, 2667-2673.	2.0	23
379	Temporal Associations Between Pain-Related Factors and Abnormal Muscle Activities in a Patient with Chronic Low Back Pain: A Cross-Lag Correlation Analysis of a Single Case . Journal of Pain Research, 2020, Volume 13, 3247-3256.	0.8	2
380	Advanced glycation end products cause <scp>RAGE</scp>â€dependent annulus fibrosus collagen disruption and loss identified using in situ second harmonic generation imaging in mice intervertebral disk in vivo and in organ culture models. JOR Spine, 2020, 3, e1126.	1.5	21
381	Advances in delivery of health care for MSK conditions. Best Practice and Research in Clinical Rheumatology, 2020, 34, 101597.	1.4	4
382	Rasch analysis of the Back Pain Attitudes Questionnaire (Back-PAQ). Disability and Rehabilitation, 2022, 44, 3228-3235.	0.9	3
383	Spatial mapping of collagen content and structure in human intervertebral disk degeneration. JOR Spine, 2020, 3, e1129.	1.5	15
384	Do the associations of body mass index and waist circumference with back pain change as people age? 32 years of follow-up in a British birth cohort. BMJ Open, 2020, 10, e039197.	0.8	8
385	A multisite longitudinal evaluation of patient characteristics associated with a poor response to non-surgical multidisciplinary management of low back pain in an advanced practice physiotherapist-led tertiary service. BMC Musculoskeletal Disorders, 2020, 21, 807.	0.8	2
386	Feasibility study and process evaluation of MRI plus physiotherapy vs. physiotherapy alone in non-specific chronic low back pain among patients in Saudi Arabia. Pilot and Feasibility Studies, 2020, 6, 188.	0.5	1
387	Circulating Levels of Visceral Adipose Tissue-Derived Serine Protease Inhibitor (Vaspin) Appear as a Marker of Musculoskeletal Pain Disability. Diagnostics, 2020, 10, 797.	1.3	13

#	Article	IF	Citations
388	Acupoint Injection for Nonspecific Chronic Low Back Pain: A Systematic Review and Meta-Analysis of Randomized Controlled Studies. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-12.	0.5	0
389	The influence of age on spinal and lower limb muscle activity during repetitive lifting. Journal of Electromyography and Kinesiology, 2020, 55, 102482.	0.7	4
390	Automatic Low Back Pain Classification Using Inertial Measurement Units: A Preliminary Analysis. Procedia Computer Science, 2020, 176, 2822-2831.	1.2	2
391	Global low back pain prevalence and years lived with disability from 1990 to 2017: estimates from the Global Burden of Disease Study 2017. Annals of Translational Medicine, 2020, 8, 299-299.	0.7	662
392	Activation of p38MAPK in spinal microglia contributes to autologous nucleus pulposus-induced mechanical hyperalgesia in a modified rat model of lumbar disk herniation. Brain Research, 2020, 1742, 146881.	1.1	5
393	Confidence, attitudes, beliefs and determinants of implementation behaviours among physiotherapists towards clinical management of low back pain before and after implementation of the BetterBack model of care. BMC Health Services Research, 2020, 20, 443.	0.9	24
394	Fear-avoidance beliefs are associated with exercise adherence: secondary analysis of a randomised controlled trial (RCT) among female healthcare workers with recurrent low back pain. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 28.	0.7	20
395	10 kHz spinal cord stimulation for the treatment of nonâ€surgical refractory back pain: subanalysis of pooled data from two prospective studies. Anaesthesia, 2020, 75, 775-784.	1.8	38
396	The Manchurian candidate: chiropractors as propagators of neoliberalism in health care. Chiropractic & Manual Therapies, 2020, 28, 20.	0.6	1
397	The Hausa 12-item short-form health survey (SF-12): Translation, cross-cultural adaptation and validation in mixed urbanÂand ruralÂNigerian populations with chronic low back pain. PLoS ONE, 2020, 15, e0232223.	1.1	18
398	The Brazilian Portuguese version of the Exercise Adherence Rating Scale (EARS-Br) showed acceptable reliability, validity and responsiveness in chronic low back pain. BMC Musculoskeletal Disorders, 2020, 21, 294.	0.8	28
399	Are Opioids Needed to Treat Chronic Low Back Pain? A Review of Treatment Options and Analgesics in Development . Journal of Pain Research, 2020, Volume 13, 1007-1022.	0.8	10
400	Beliefs and attitudes about low back pain in Argentina: A cross-sectional survey using social media. Musculoskeletal Science and Practice, 2020, 49, 102183.	0.6	6
401	Periodized resistance training for persistent non-specific low back pain: a mixed methods feasibility study. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 30.	0.7	7
402	Human intervertebral discs harbour a unique microbiome and dysbiosis determines health and disease. European Spine Journal, 2020, 29, 1621-1640.	1.0	48
403	The notochord gene regulatory network in chordate evolution: Conservation and divergence from Ciona to vertebrates. Current Topics in Developmental Biology, 2020, 139, 325-374.	1.0	17
404	Cliniciansâ€™ views about the experience of disability due to low back pain. Results from a focus group study. European Spine Journal, 2020, 29, 1953-1958.	1.0	1
405	Pressure pain threshold and temporal summation in adults with episodic and persistent low back pain trajectories: a secondary analysis at baseline and after lumbar manipulation or sham. Chiropractic & Manual Therapies, 2020, 28, 36.	0.6	8

#	Article	IF	Citations
406	Risk Factors Associated with the Prevalence of Upper and Lower Back Pain in Male Underground Coal Miners in Punjab, Pakistan. International Journal of Environmental Research and Public Health, 2020, 17, 4102.	1.2	2
407	Randomized Pragmatic Pilot Trial Comparing Perpendicular Thin Electrode Versus Parallel Thick Electrode Approaches for Lumbar Medial Branch Neurotomy in Facetogenic Low Back Pain. Pain Practice, 2020, 20, 889-907.	0.9	3
408	Evidence-based physiotherapy practice - editorial. European Journal of Physiotherapy, 2020, 22, 183-183.	0.7	2
409	How do physiotherapists understand and interpret the â€œPain Attitudes and Beliefs Scaleâ€? A cognitive interview study. Physiotherapy Theory and Practice, 2022, 38, 513-527.	0.6	3
410	Differences in physical and psychological health in patients with chronic low back pain: a national survey in general Spanish population. Quality of Life Research, 2020, 29, 2935-2947.	1.5	4
411	Effects of Chiropractic Care on Strength, Balance, and Endurance in Active-Duty U.S. Military Personnel with Low Back Pain: A Randomized Controlled Trial. Journal of Alternative and Complementary Medicine, 2020, 26, 592-601.	2.1	23
412	Changes in Perceived Stress After Yoga, Physical Therapy, and Education Interventions for Chronic Low Back Pain: A Secondary Analysis of a Randomized Controlled Trial. Pain Medicine, 2020, 21, 2529-2537.	0.9	11
413	Efficacy of Tuina in patients with chronic low back pain: study protocol for a randomized controlled trial. Trials, 2020, 21, 271.	0.7	6
414	Evidence, theory and context: using intervention mapping in the development of a community-based self-management program for chronic low back pain in a rural African primary care setting - the good back program. BMC Public Health, 2020, 20, 343.	1.2	8
415	Cross-cultural adaptation and psychometric evaluation of the Yoruba version of the Back beliefs questionnaire among patients with chronic low-back pain. Health and Quality of Life Outcomes, 2020, 18, 74.	1.0	4
416	Mapping evidence on the prevalence, incidence, risk factors and cost associated with chronic low back pain among adults in Sub-Saharan Africa: a systematic scoping review protocol. Systematic Reviews, 2020, 9, 57.	2.5	10
418	Communicating and diagnosing non-specific low back pain: A qualitative study of the healthcare practitionersâ€™ perspectives using a social diagnosis framework. Journal of Rehabilitation Medicine, 2020, 52, jrm00036.	0.8	2
419	Potential mechanisms for lumbar spinal stiffness change following spinal manipulative therapy: a scoping review. Chiropractic & Manual Therapies, 2020, 28, 15.	0.6	6
421	Cognitive Functional Therapy for People with Nonspecific Persistent Low Back Pain in a Secondary Care Settingâ€”A Propensity Matched, Caseâ€“Control Feasibility Study. Pain Medicine, 2020, 21, 2061-2070.	0.9	7
422	Prognostic indicators for poor outcomes in low back pain patients consulted in primary care. PLoS ONE, 2020, 15, e0229265.	1.1	19
423	Syndemic and syndemogenesis of low back pain in Latin-American population: a network and cluster analysis. Clinical Rheumatology, 2020, 39, 2715-2726.	1.0	13
424	A Systematic Review of Workplace Interventions to Rehabilitate Musculoskeletal Disorders Among Employees with Physical Demanding Work. Journal of Occupational Rehabilitation, 2020, 30, 588-612.	1.2	85
425	Smart Work Injury Management (SWIM) System: Artificial Intelligence in Work Disability Management. Journal of Occupational Rehabilitation, 2020, 30, 354-361.	1.2	8

#	Article	IF	Citations
426	Education as a strategy for managing occupational-related musculoskeletal pain: a scoping review. BMJ Open, 2020, 10, e032668.	0.8	17
427	Exercise for low back pain: A bibliometric analysis of global research from 1980 to 2018. Journal of Rehabilitation Medicine, 2020, 52, jrm00052.	0.8	30
428	Facilitating Guideline Implementation in Primary Health Care Practices. Journal of Primary Care and Community Health, 2020, 11, 215013272091626.	1.0	12
429	Directed vertebral manipulation is not better than generic vertebral manipulation in patients with chronic low back pain: a randomised trial. Journal of Physiotherapy, 2020, 66, 174-179.	0.7	11
430	Beyond pain and disability: an explanatory mixed methods study exploring outcomes after physiotherapy intervention in patients with chronic low back pain. Disability and Rehabilitation, 2022, 44, 881-890.	0.9	5
431	A systematic review highlights the need to improve the quality and applicability of trials of physical therapy interventions for low back pain. Journal of Clinical Epidemiology, 2020, 126, 106-115.	2.4	21
432	Movement, posture and low back pain. How do they relate? A replicated singleâ€case design in 12 people with persistent, disabling low back pain. European Journal of Pain, 2020, 24, 1831-1849.	1.4	22
433	Experiences and challenges to cross-sectoral care reported by patients with low back pain. A qualitative interview study. BMC Health Services Research, 2020, 20, 96.	0.9	10
434	Association between objectively measured physical behaviour and neckâ€•and/or low back pain: A systematic review. European Journal of Pain, 2020, 24, 1007-1022.	1.4	26
435	Exploring conceptual preprocessing for developing prognostic models: aÂcase study in low back pain patients. Journal of Clinical Epidemiology, 2020, 122, 27-34.	2.4	4
436	Effect of Radial Extracorporeal Shock Wave Therapy on Pain Intensity, Functional Efficiency, and Postural Control Parameters in Patients with Chronic Low Back Pain: A Randomized Clinical Trial. Journal of Clinical Medicine, 2020, 9, 568.	1.0	16
437	Vitamin D levels in relation to low back pain during adolescence. British Journal of Nutrition, 2020, 123, 1302-1311.	1.2	8
439	Implementing high value back pain care in private physiotherapy in Australia: A qualitative evaluation of physiotherapists who participated in an â€œimplementation to innovationâ€•system. Canadian Journal of Pain, 2020, 4, 86-102.	0.6	7
440	Association of Exposures to Seated Postures With Immediate Increases in Back Pain: A Systematic Review of Studies With Objectively Measured Sitting Time. Journal of Manipulative and Physiological Therapeutics, 2020, 43, 1-12.	0.4	28
441	The Quebec Low Back Pain Study: a protocol for an innovative 2-tier provincial cohort. Pain Reports, 2020, 5, e799.	1.4	13
442	Improved Treatment Response Following Magnetic Resonance Imagingâ€“Guided Focused Ultrasound for Lumbar Facet JointÂPain. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2020, 4, 109-113.	1.2	5
443	Disability, kinesiophobia, perceived stress, and pain are not associated with trunk muscle strength or aerobic capacity in chronic nonspecific low back pain. Physical Therapy in Sport, 2020, 43, 77-83.	0.8	12
444	Melatonin alleviates intervertebral disc degeneration by disrupting the IL-1Î²/NF-ÎºB-NLRP3 inflammasome positive feedback loop. Bone Research, 2020, 8, 10.	5.4	156

#	Article	IF	Citations
445	Changes in pressure pain threshold and temporal summation in rapid responders and non-rapid responders after lumbar spinal manipulation and sham: A secondary analysis in adults with low back pain. Musculoskeletal Science and Practice, 2020, 47, 102137.	0.6	5
446	Responsiveness of pain, functional capacity tests, and disability level in individuals with chronic nonspecific low back pain. Hong Kong Physiotherapy Journal, 2020, 40, 11-17.	0.3	7
448	Catastrophization, fear of movement, anxiety, and depression are associated with persistent, severe low back pain and disability. Spine Journal, 2020, 20, 857-865.	0.6	46
449	FOXO3 protects nucleus pulposus cells against apoptosis under nutrient deficiency via autophagy. Biochemical and Biophysical Research Communications, 2020, 524, 756-763.	1.0	18
450	Feasibility study on recruitment in general practice for a low back pain online information study (part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	3
451	Failure mechanisms of pedicle screws and cortical screws fixation under large displacement: A biomechanical and microstructural study based on a clinical case scenario. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 104, 103646.	1.5	8
452	Assessing volume and variation of low-value care practices in the Netherlands. European Journal of Public Health, 2020, 30, 236-240.	0.1	8
453	Spanish translation, cross-cultural adaptation and validation of the Argentine version of the Back Pain Attitudes Questionnaire. Musculoskeletal Science and Practice, 2020, 46, 102125.	0.6	8
454	The development and validation of a measurement instrument to investigate determinants of health care utilisation for low back pain in Ethiopia. PLoS ONE, 2020, 15, e0227801.	1.1	3
455	Motion analysis of lumbar vertebrae for different rod materials and flexible rod device â€“ An experimental and finite element study. Biocybernetics and Biomedical Engineering, 2020, 40, 415-425.	3.3	15
456	Sudden gait perturbations elicit sex-specific neuromuscular trunk responses in persons with low back pain. Journal of Biomechanics, 2020, 102, 109646.	0.9	4
457	Infographic. Roadmap to managing a person with musculoskeletal pain irrespective of body region. British Journal of Sports Medicine, 2020, 54, 554-555.	3.1	3
458	Association of STarT Back Tool and the short form of the Ã–rebro Musculoskeletal Pain Screening Questionnaire with multidimensional risk factors. Scientific Reports, 2020, 10, 290.	1.6	19
459	What Motivates Engagement in Work and Other Valued Social Roles Despite Persistent Back Pain?. Journal of Occupational Rehabilitation, 2020, 30, 466-474.	1.2	1
460	A classification-based approach to low back pain in primary care â€“ protocol for a benchmarking controlled trial. BMC Family Practice, 2020, 21, 61.	2.9	0
461	Back disorder incidence and occupation in Denmark: a cross-sectional register-based study. European Spine Journal, 2020, 29, 1860-1869.	1.0	1
462	Reliability of a battery of tests for functional evaluation of trunk exoskeletons. Applied Ergonomics, 2020, 86, 103117.	1.7	20
463	Longitudinal healthcare analytics for disease management: Empirical demonstration for low back pain. Decision Support Systems, 2020, 132, 113271.	3.5	6

#	Article	IF	Citations
464	Physiotherapy management of sciatica. Journal of Physiotherapy, 2020, 66, 83-88.	0.7	21
465	The pain is back, when I was doing just spine. BDJ Student, 2020, 27, 36-39.	0.1	0
466	A systematic review of the effectiveness of mass media campaigns for the management of low back pain. Disability and Rehabilitation, 2021, 43, 3523-3551.	0.9	35
467	Effect of dynamic stabilisation exercise therapy enhanced with muscles energy technique on some selected patients outcomes and trunk muscles function in patients with chronic non-specific low back pain: a study protocol. European Journal of Physiotherapy, 2020, , 1-11.	0.7	1
468	Hospital admission and associated factors among individuals presenting to healthcare facilities for low back pain in Ethiopia. International Journal of Rheumatic Diseases, 2020, 23, 763-771.	0.9	5
469	Effectiveness of a lumbopelvic monitor and feedback device to change postural behaviour: the ELF cluster randomised controlled trial. Occupational and Environmental Medicine, 2020, 77, 462-469.	1.3	7
470	Big Five Personality Traits and Disabling Chronic Low Back Pain: Association with Fear-Avoidance, Anxious and Depressive Moods . Journal of Pain Research, 2020, Volume 13, 745-754.	0.8	24
471	An adventurous learning journey. Physiotherapistsâ€™ conceptions of learning and integrating cognitive functional therapy into clinical practice. Physiotherapy Theory and Practice, 2020, , 1-18.	0.6	13
472	Characterisation of the effects of pulsed radio frequency treatment of the dorsal root ganglion on cerebrospinal fluid cellular and peptide constituents in patients with chronic radicular pain: A randomised, triple-blinded, controlled trial. Journal of Neuroimmunology, 2020, 343, 577219.	1.1	8
473	Postsurgical rehabilitation for adults with low back pain with or without radiculopathy who were treated surgically: protocol for a mixed studies systematic review. BMJ Open, 2020, 10, e036817.	0.8	4
474	Effectiveness and cost-effectiveness of stratified blended physiotherapy in patients with non-specific low back pain: study protocol of a cluster randomized controlled trial. BMC Musculoskeletal Disorders, 2020, 21, 265.	0.8	18
475	BAck complaints in the elders - chiropractic (BACE-C): protocol of an international cohort study of older adults with low back pain seeking chiropractic care. Chiropractic & Manual Therapies, 2020, 28, 17.	0.6	6
476	Low Back Pain (LBP), work and absenteeism. Work, 2020, 65, 463-469.	0.6	28
477	Physical Activity for the Treatment of Chronic Low Back Pain in Elderly Patients: A Systematic Review. Journal of Clinical Medicine, 2020, 9, 1023.	1.0	40
478	Photobiomodulation Therapy is Able to Modulate PGE 2 Levels in Patients With Chronic Nonâ€Specific Low Back Pain: A Randomized Placeboâ€Controlled Trial. Lasers in Surgery and Medicine, 2021, 53, 236-244.	1.1	9
479	Is adding pelvic floor muscle training to an exercise intervention more effective at improving pain in patients with non-specific low back pain? A systematic review of randomized controlled trials. Physiotherapy, 2021, 110, 15-25.	0.2	4
480	Comparison of Compensated Low Back Pain Claims Experience in Australia with Limb Fracture and Non-Specific Limb Condition Claims: A Retrospective Cohort Study. Journal of Occupational Rehabilitation, 2021, 31, 175-184.	1.2	4
481	Beliefs about the body and pain: the critical role in musculoskeletal pain management. Brazilian Journal of Physical Therapy, 2021, 25, 17-29.	1.1	99

#	Article	IF	Citations
482	Understanding embryonic development for cellâ€based therapies of intervertebral disc degeneration: Toward an effort to treat disc degeneration subphenotypes. Developmental Dynamics, 2021, 250, 302-317.	0.8	24
483	The impact of low back pain systematic reviews and clinical practice guidelines measured by the Altmetric score: Cross-Sectional study. Brazilian Journal of Physical Therapy, 2021, 25, 48-55.	1.1	7
484	The reliability and concurrent validity of a new iPhoneÂ® application for measuring active lumbar spine flexion and extension range of motion in patients with low back pain. Physiotherapy Theory and Practice, 2021, 37, 204-217.	0.6	8
485	Further validation of the Scoliosis Research Society (SRS-30) questionnaire among adult patients with degenerative spinal disorder. Disability and Rehabilitation, 2021, 43, 98-103.	0.9	7
486	The beliefs of healthcare students about the harmfulness of daily activities for their back: a cross-sectional study. European Journal of Physiotherapy, 2021, 23, 34-40.	0.7	6
487	Prevalence, Deaths, and Disabilityâ€Adjusted Life Years Due to Musculoskeletal Disorders for 195 Countries and Territories 1990â€“2017. Arthritis and Rheumatology, 2021, 73, 702-714.	2.9	154
488	Effects of physical exercise on low back pain and cortisol levels: a systematic review with meta-analysis of randomized controlled trials. Pain Management, 2021, 11, 49-57.	0.7	13
489	Use of the STarT Back Screening Tool in patients with chronic low back pain receiving physical therapy interventions. Brazilian Journal of Physical Therapy, 2021, 25, 286-295.	1.1	7
490	Back pain attitudes questionnaire: Cross-cultural adaptation to brazilian-portuguese and measurement properties. Brazilian Journal of Physical Therapy, 2021, 25, 271-280.	1.1	11
491	Cognitive functional therapy (CFT) compared with core training exercise (CTE) in patients with failed back surgery syndrome (FBSS): A study protocol for a randomized controlled trial. Journal of Bodywork and Movement Therapies, 2021, 26, 428-434.	0.5	6
492	'Youâ€™re the best liar in the worldâ€™: a grounded theory study of rowing athletesâ€™ experience of low back pain. British Journal of Sports Medicine, 2021, 55, 327-335.	3.1	13
493	The role of structure and function changes of sensory nervous system in intervertebral disc-related low back pain. Osteoarthritis and Cartilage, 2021, 29, 17-27.	0.6	52
494	Prevalence and risk factors for back pain in sports: a systematic review with meta-analysis. British Journal of Sports Medicine, 2021, 55, 601-607.	3.1	26
495	The effect of an integrated multidisciplinary rehabilitation programme for patients with chronic low back pain: Long-term follow up of a randomised controlled trial. Clinical Rehabilitation, 2021, 35, 232-241.	1.0	10
496	Systematic reviews evaluating the effectiveness of motor control exercises in patients with non-specific low back pain do not consider its principles â€“ A review. Journal of Bodywork and Movement Therapies, 2021, 26, 374-393.	0.5	5
497	The effect of muscles energy technique in the management of chronic mechanical low back pain: A scoping review. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 179-193.	0.4	4
498	Female Gender Is Associated with a Higher Prevalence of Chronic Neck Pain, Chronic Low Back Pain, and Migraine: Results of the Spanish National Health Survey, 2017. Pain Medicine, 2021, 22, 382-395.	0.9	34
499	Why is exercise prescribed for people with chronic low back pain? A review of the mechanisms of benefit proposed by clinical trialists. Musculoskeletal Science and Practice, 2021, 51, 102307.	0.6	26

#	Article	IF	Citations
500	Global physiotherapy approach to thoracolumbar junction syndrome. A case report. Journal of Bodywork and Movement Therapies, 2021, 25, 6-15.	0.5	4
501	Which factors are associated with bone marrow oedema suspicious of axial spondyloarthritis as detected by MRI in the sacroiliac joints and the spine in the general population?. Annals of the Rheumatic Diseases, 2021, 80, 469-474.	0.5	23
502	Relevance of a novel external dynamic distraction device for treating back pain. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2021, 235, 264-272.	1.0	7
503	Early life chronic inflammatory conditions predict low back pain in adolescence and young adulthood. European Journal of Pain, 2021, 25, 651-658.	1.4	2
504	Smart-Cover: A real time sitting posture monitoring system. Sensors and Actuators A: Physical, 2021, 317, 112451.	2.0	21
505	The impact of multijoint symptoms on patient-reported disability following surgery for lumbar spine osteoarthritis. Spine Journal, 2021, 21, 80-89.	0.6	14
506	Factors associated with the reporting quality of low back pain systematic review abstracts in physical therapy: a methodological study. Brazilian Journal of Physical Therapy, 2021, 25, 233-241.	1.1	4
507	The effect of aquatic exercise on functional disability, flexibility and function of trunk muscles in postmenopausal women with chronic non-specific low back pain: Randomized controlled trial. Science and Sports, 2021, 36, e103-e110.	0.2	6
508	Multiple measures of muscle function influence Sorensen Test performance in individuals with recurrent low back pain. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 139-147.	0.4	1
509	Optimization of Spinal Manipulative Therapy Protocols: A Factorial Randomized Trial Within a Multiphase Optimization Framework. Journal of Pain, 2021, 22, 655-668.	0.7	6
510	QualityÂof life and functional outcomes with tapentadol prolonged release in chronic musculoskeletal pain:post hocanalysis. Pain Management, 2021, 11, 173-187.	0.7	2
511	A systematic scoping review of patient health outcomes and perceptions following management of low back pain via care pathways in primary health care. Musculoskeletal Care, 2021, 19, 84-109.	0.6	2
512	Medication and healthcare utilization variation among older adults with pain. European Journal of Pain, 2021, 25, 841-851.	1.4	2
514	Epidemiology of chronic back pain among adults and elderly from Southern Brazil: a cross-sectional study. Brazilian Journal of Physical Therapy, 2021, 25, 344-351.	1.1	10
515	Standard measurement error and minimal detectable change of the Back-PAQ ArgSpan questionnaire: Secondary analysis. Musculoskeletal Science and Practice, 2021, 51, 102315.	0.6	3
516	Evaluation of transforaminal epidural steroid injections for discogenic axial lumbosacral back pain utilizing PROMIS as an outcome measure. Spine Journal, 2021, 21, 202-211.	0.6	4
517	Tai Chi for Chronic Illness Management: Synthesizing Current Evidence from Meta-Analyses of Randomized Controlled Trials. American Journal of Medicine, 2021, 134, 194-205.e12.	0.6	16
518	Contribution of the sensory innervation of the spine in low back pain: review and clinical commentary. Somatosensory & Motor Research, 2021, 38, 27-33.	0.4	3

#	Article	IF	Citations
519	Association among pain, disability, and functional capacity in patients with chronic non-specific low back pain: A cross-sectional study. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 149-157.	0.4	3
520	Basivertebral Nerve Ablation for the Treatment of Vertebrogenic Pain. Pain and Therapy, 2021, 10, 39-53.	1.5	15
521	A look into the challenges and complexities of managing low back pain in Mexico. Global Public Health, 2021, 16, 936-946.	1.0	0
522	Perturbationâ€based exercise for prevention of lowâ€back pain in adolescent athletes. Translational Sports Medicine, 2021, 4, 128-137.	0.5	5
523	Evaluation of Absenteeism, Pain, and Disability in Nurses With Persistent Low Back Pain Following Cognitive Functional Therapy: A Case Series Pilot Study With 3-Year Follow-Up. Physical Therapy, 2021, 101, .	1.1	3
524	Evidence for managing chronic low back pain in primary care: a review of recommendations from high-quality clinical practice guidelines. Disability and Rehabilitation, 2021, 43, 1029-1043.	0.9	40
525	Effectiveness and cost-effectiveness of Pilates versus home-based exercises in individuals with chronic non-specific low back pain: randomised controlled trial protocol. European Journal of Physiotherapy, 2021, 23, 95-101.	0.7	1
526	Chiropractors See It Differently: A Surgeonâ€™s Observations. , 2021, , 67-91.		0
528	Serum biomarkers for Modic changes in patients with chronic low back pain. European Spine Journal, 2021, 30, 1018-1027.	1.0	16
529	Persisting Pain Disorders: The Central Importance of Psychology in the Management of Pain and Its Impact. , 2021, , .		0
530	The prevalence of diagnosed specific back pain in primary health care in Region VÃstra GÃ¶taland: a register study of 1.7 million inhabitants. Primary Health Care Research and Development, 2021, 22, e37.	0.5	3
531	Multi-trajectory analysis of C-reactive protein and low back pain from adolescence to early adulthood. European Spine Journal, 2021, 30, 1028-1034.	1.0	4
532	Back Pain: The Classic Surgeonâ€™s View. , 2021, , 27-36.		0
533	Self-Management and Low Back Pain. , 2021, , 75-95.		1
534	Distribution and prevalence of musculoskeletal pain co-occurring with persistent low back pain: a systematic review. BMC Musculoskeletal Disorders, 2021, 22, 91.	0.8	24
535	Visfatin promotes intervertebral disc degeneration by inducing IL-6 expression through the ERK/JNK/p38 signalling pathways. Adipocyte, 2021, 10, 201-215.	1.3	16
536	Painful intervertebral disc degeneration and inflammation: from laboratory evidence to clinical interventions. Bone Research, 2021, 9, 7.	5.4	184
537	Psychosocial Impact of Chronic Back Pain: Patient and Societal Perspectives. , 2021, , 109-123.		0

#	Article	IF	Citations
538	Impaired exerciseâ€induced hypoalgesia in individuals reporting an increase in low back pain during acute exercise. European Journal of Pain, 2021, 25, 1053-1063.	1.4	21
539	Tui Na for Chronic Nonspecific Low Back Pain: Protocol for a Systematic Review and Meta-analysis. JMIR Research Protocols, 2021, 10, e20615.	0.5	1
540	Personal characteristic, occupational, work environment and psychosocial stressor factors of musculoskeletal disorders (MSDs) complaints on bus driver: literature review. IOP Conference Series: Earth and Environmental Science, 0, 623, 012013.	0.2	2
542	T2â€weighted magnetic resonance imaging texture as predictor of low back pain: A texture analysisâ€based classification pipeline to symptomatic and asymptomatic cases. Journal of Orthopaedic Research, 2021, 39, 2428-2438.	1.2	11
543	Which Exercise for Low Back Pain? (WELBack) trial predicting response to exercise treatments for patients with low back pain: a validation randomised controlled trial protocol. BMJ Open, 2021, 11, e042792.	0.8	13
544	Photobiomodulation therapy is not better than placebo in patients with chronic nonspecific low back pain: a randomised placebo-controlled trial. Pain, 2021, 162, 1612-1620.	2.0	15
545	Activation of HSP70 impedes tert-butyl hydroperoxide (t-BHP)-induced apoptosis and senescence of human nucleus pulposus stem cells via inhibiting the JNK/c-Jun pathway. Molecular and Cellular Biochemistry, 2021, 476, 1979-1994.	1.4	18
546	Psychosocial morbidity profile in a community based sample of low back pain patients. Scientific Reports, 2021, 11, 2610.	1.6	4
547	Low expression of miR-142-3p promotes intervertebral disk degeneration. Journal of Orthopaedic Surgery and Research, 2021, 16, 55.	0.9	3
548	Reliability and construct validity of the modified Finnish version of the 9-item patient health questionnaire and its associations within the biopsychosocial framework among female health-care workers with sub-acute or recurrent low back pain. BMC Musculoskeletal Disorders, 2021, 22, 37.	0.8	5
549	Efficacy and Safety of Medicines Targeting Neurotrophic Factors in the Management of Low Back Pain: Protocol for a Systematic Review and Meta-analysis. JMIR Research Protocols, 2021, 10, e22905.	0.5	1
550	Contextualizing the lived experiences of patients with low back pain from different countries according to the ICF framework. Journal of Rehabilitation Medicine, 2021, 53, jrm00189.	0.8	5
551	Clinical management of acute low back pain in elite and subelite rowers: a Delphi study of experienced and expert clinicians. British Journal of Sports Medicine, 2021, 55, 1324-1334.	3.1	5
552	The Intersection of Dissemination Research and Acupuncture: Applications for Chronic Low Back Pain. Global Advances in Health and Medicine, 2021, 10, 216495612098069.	0.7	3
553	Custos diretos da dor lombar em hospitais financiados pelo Sistema Ãšnico de SaÃºde. Revista Pesquisa Em Fisioterapia, 2021, 11, 181-189.	0.1	2
554	Hybrid Predictive Model for Lifting by Integrating Skeletal Motion Prediction With an OpenSim Musculoskeletal Model. IEEE Transactions on Biomedical Engineering, 2022, 69, 1111-1122.	2.5	9
555	Efficacy and safety of antidepressants for the treatment of back pain and osteoarthritis: systematic review and meta-analysis. BMJ, The, 2021, 372, m4825.	3.0	77
556	Perception of musculoskeletal pain in the state of confinement: associated factors. Revista Latino-Americana De Enfermagem, 2021, 29, e3454.	0.4	6

#	Article	IF	Citations
557	Transcutaneous electrical nerve stimulation and heat to reduce pain in a chronic low back pain population: a randomized controlled clinical trial. Brazilian Journal of Physical Therapy, 2021, 25, 86-96.	1.1	14
558	Management of non-serious low back pain in the context of emergency care. Is it worth the cost?. The Lancet Regional Health - Western Pacific, 2021, 7, 100105.	1.3	1
559	Identification of subgroup effect with an individual participant data meta-analysis of randomised controlled trials of three different types of therapist-delivered care in low back pain. BMC Musculoskeletal Disorders, 2021, 22, 191.	0.8	4
560	Comparison of the Characteristics of Back Pain in Women with Postmenopausal Osteoporosis with and without Vertebral Compression Fracture: A Retrospective Study at a Single Osteoporosis Center in Poland. Medical Science Monitor, 2021, 27, e929853.	0.5	8
561	The Over-medicalisation of Low Back Pain: An Exigent Caribbean Crisis. Caribbean Medical Journal, 2021, 83, .	0.1	0
562	Description of content, structure and theoretical model of a group-based pain management programme in the treatment of patients with persistent non-specific low back pain and psychological risk factors in a secondary sector setting. Clinical Rehabilitation, 2021, 35, 1077-1088.	1.0	3
563	Genome-wide association studies of low back pain and lumbar spinal disorders using electronic health record data identify a locus associated with lumbar spinal stenosis. Pain, 2021, 162, 2263-2272.	2.0	17
564	Healthcare costs due to low back pain in the emergency department and inpatient setting in Sydney, Australia. The Lancet Regional Health - Western Pacific, 2021, 7, 100089.	1.3	28
565	Computational Challenges in Tissue Engineering for the Spine. Bioengineering, 2021, 8, 25.	1.6	6
566	Low Back Painâ€"Related Disability Is Associated with Pain-Related Beliefs Across Divergent Nonâ€"English-Speaking Populations: Systematic Review and Meta-Analysis. Pain Medicine, 2021, 22, 2974-2989.	0.9	9
567	The feasibility of implementing an English language version of GLA:D Back. Pilot and Feasibility Studies, 2021, 7, 38.	0.5	3
568	Factors associated with seeking medical care for low back pain in a twin adult sample. European Journal of Pain, 2021, 25, 1091-1106.	1.4	3
569	Microscopic changes in the spinal extensor musculature in patients experiencing chronic spinal pain: protocol for a systematic review. BMJ Open, 2021, 11, e042729.	0.8	1
570	Are musculoskeletal conditions neglected in national health surveys?. Rheumatology, 2021, 60, 4874-4879.	0.9	11
571	A further Rasch analysis of the Fear-Avoidance Beliefs Questionnaire in adults with chronic low back pain suggests the revision of its rating scale. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 110-119.	1.1	5
573	The Association Between Leisure-time Physical Activity, Sedentary Behavior, and Low Back Pain. Spine, 2021, 46, 596-602.	1.0	6
574	Cell-based strategies for IVD repair: clinical progress and translational obstacles. Nature Reviews Rheumatology, 2021, 17, 158-175.	3.5	125
575	Clinical Efficacy and Safety of Acupressure on Low Back Pain: A Systematic Review and Meta-Analysis. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-15.	0.5	8

#	Article	IF	Citations
577	Development of a Logic Model for a Programme to Reduce the Magnetic Resonance Imaging Rate for Non-Specific Lower Back Pain in a Tertiary Care Centre. Healthcare (Switzerland), 2021, 9, 238.	1.0	1
579	Effects of dynamic stabilization exercises and muscle energy technique on selected biopsychosocial outcomes for patients with chronic non-specific low back pain: a double-blind randomized controlled trial. Scandinavian Journal of Pain, 2021, 21, 495-511.	0.5	6
580	Successful Treatment of Supraspinous and Interspinous Ligament Injury With Ultrasound-Guided Platelet-Rich Plasma Injection: Case Series. HSS Journal, 2021, 17, 227-230.	0.7	3
581	Low back pain presentations to New South Wales emergency departments: Trends over time and geographical variation. EMA - Emergency Medicine Australasia, 2021, 33, 868-874.	0.5	10
582	The Effectiveness of Intraosseous Basivertebral Nerve Radiofrequency Neurotomy for the Treatment of Chronic Low Back Pain in Patients with Modic Changes: A Systematic Review. Pain Medicine, 2021, 22, 1039-1054.	0.9	22
583	Seasonality of Back Pain in Italy: An Infodemiology Study. International Journal of Environmental Research and Public Health, 2021, 18, 1325.	1.2	9
584	Is Golf a Contact Sport? Protection of the Spine and Return to Play After Lumbar Surgery. Global Spine Journal, 2022, 12, 298-307.	1.2	3
585	What are the back beliefs of NHS employees, and does manual handling training influence them. European Journal of Physiotherapy, 2022, 24, 320-325.	0.7	2
586	Distribution and imaging characteristics of spina bifida occulta in young people with low back pain: a retrospective cross-sectional study. Journal of Orthopaedic Surgery and Research, 2021, 16, 151.	0.9	6
587	Development of the Hausa version of the Pain Catastrophizing Scale: translation, cross-cultural adaptation and psychometric evaluation in mixed urban and rural patients with chronic low back pain. Health and Quality of Life Outcomes, 2021, 19, 44.	1.0	8
588	Changes in Access to Australian Disability Support Benefits During a Period of Social Welfare Reform. Journal of Social Policy, 2022, 51, 132-154.	0.8	7
589	Effect of back problems on healthcare utilization and costs in Ontario, Canada: a population-based matched cohort study. Pain, 2021, 162, 2521-2531.	2.0	6
590	For whom the disc tolls: intervertebral disc degeneration, back pain and toll-like receptors. , 2021, 41, 355-369.		9
591	AvaliaÃ§Ã£o do mÃ©todo Pilates no tratamento de indivÃduos com dor lombar crÃ´nica inespecÃfica: ensaio clÃnico randomizado. Revista Brasileira De Fisiologia Do ExercÃcio, 2021, 20, 38-51.	0.0	0
592	Rational Pharmacotherapy in Case of Exacerbation of the Primary Low Back Pain. Family Medicine, 2020, , 51-58.	0.1	0
593	Body perception disturbances in women with pregnancy-related lumbopelvic pain and their role in the persistence of pain postpartum. BMC Pregnancy and Childbirth, 2021, 21, 219.	0.9	8
595	Incidence of low back pain and potential risk factors among pharmacists. Medicine (United States), 2021, 100, e24830.	0.4	2
596	Effectiveness of a multifaceted intervention to improve emergency department care of low back pain: a stepped-wedge, cluster-randomised trial. BMJ Quality and Safety, 2021, 30, 825-835.	1.8	21

#	Article	IF	Citations
597	ADAPTATION AND TRANSCULTURAL VALIDATION OF THE BRAZILIAN VERSION OF THE BACK PAIN FUNCTIONAL SCALE. Coluna/ Columna, 2021, 20, 34-37.	0.0	0
598	Investigating the Relationship between Body Mass Index and Pain in the Spine in Children or Adolescents: A Systematic Review. Childhood Obesity, 2021, 17, 86-99.	0.8	5
599	Cross-cultural adaptation and validation of the Finnish version of the central sensitization inventory and its relationship with dizziness and postural control. BMC Neurology, 2021, 21, 141.	0.8	11
600	VariaÃ§Ã£o da resposta sintomÃ¡tica dolorosa na coluna lombar pela manipulaÃ§Ã£o visceral. Fisioterapia Brasil, 2021, 22, 1-9.	0.1	1
601	Effects of osteopathic manipulative treatment and bio-electromagnetic energy regulation therapy on lower back pain. Journal of Osteopathic Medicine, 2021, 121, 561-569.	0.4	5
602	Effectiveness and Quality of Implementing a Best Practice Model of Care for Low Back Pain (BetterBack) Compared with Routine Care in Physiotherapy: A Hybrid Type 2 Trial. Journal of Clinical Medicine, 2021, 10, 1230.	1.0	12
603	The Application of Mesenchymal Stromal Cells and Their Homing Capabilities to Regenerate the Intervertebral Disc. International Journal of Molecular Sciences, 2021, 22, 3519.	1.8	33
604	Insights into low back pain management in Argentina. Brazilian Journal of Physical Therapy, 2021, 25, 659-663.	1.1	4
605	An implantable restorative-neurostimulator for refractory mechanical chronic low back pain: a randomized sham-controlled clinical trial. Pain, 2021, 162, 2486-2498.	2.0	32
606	Effect of Scraping Therapy on Chronic Low Back Pain: A Systematic Review and Meta-analysis of Randomized Controlled Trials. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 255-270.	0.4	3
607	Neuropathic pain in Mali: The current situation, comprehensive hypothesis, which therapeutic strategy for Africa?. ENeurologicalSci, 2021, 22, 100312.	0.5	1
608	A systematic review of movement and muscular activity biomarkers to discriminate non-specific chronic low back pain patients from an asymptomatic population. Scientific Reports, 2021, 11, 5850.	1.6	18
609	Effectiveness of placebo interventions for patients with nonspecific low back pain: a systematic review and meta-analysis. Pain, 2021, 162, 2792-2804.	2.0	16
610	Multimodal Pharmacological Analgesia in Pain Management. , 0, , .		4
611	Effects of a multimodal exercise intervention on physical and cognitive functions in patients with chronic low back pain (MultiMove): study protocol for a randomized controlled trial. BMC Geriatrics, 2021, 21, 151.	1.1	8
612	Accelerated brain aging in chronic low back pain. Brain Research, 2021, 1755, 147263.	1.1	19
613	The role of miRNA, lncRNA and circRNA in the development of intervertebral disk degeneration (Review). Experimental and Therapeutic Medicine, 2021, 21, 555.	0.8	10
614	Equivalent Weight: Connecting Exoskeleton Effectiveness with Ergonomic Risk during Manual Material Handling. International Journal of Environmental Research and Public Health, 2021, 18, 2677.	1.2	22

#	Article	IF	Citations
615	The catastrophization effects of an MRI report on the patient and surgeon and the benefits of â€˜clinical reportingâ€™: results from an RCT and blinded trials. European Spine Journal, 2021, 30, 2069-2081.	1.0	41
616	Which of the acupuncture treatment regimen for lumbar disc herniation is more effective and safer. Medicine (United States), 2021, 100, e25199.	0.4	2
617	Translation and validation of the Greek version of the Somatic Symptom Scale-8 (SSS-8) in patients with chronic low back pain. Disability and Rehabilitation, 2022, 44, 4467-4473.	0.9	4
618	Repetitive in vivo manual loading of the spine elicits cellular responses in porcine annuli fibrosi. PLoS ONE, 2021, 16, e0248104.	1.1	1
619	Evaluation of training in guidelineâ€oriented biopsychosocial management of low back pain in occupational health services: Protocol of a cluster randomized trial. Health Science Reports, 2021, 4, e251.	0.6	2
620	Effects of balneological outpatient treatment on clinical parameters and serum cytokine levels in patients with chronic low back pain: a single-blind randomized controlled trial. International Journal of Biometeorology, 2021, 65, 1367-1376.	1.3	17
621	2021 consensus statement for preventing and managing low back pain in elite and subelite adult rowers. British Journal of Sports Medicine, 2021, 55, 893-899.	3.1	14
622	Predictors of response to medial branch block, radiofrequency ablation or facet joint injections: a retrospective study. Pain Management, 2021, 11, 145-149.	0.7	1
623	Pharmacological and non-pharmacological treatment approaches to chronic lumbar back pain. Turkish Journal of Physical Medicine and Rehabilitation, 2021, 67, 1-10.	0.3	11
624	Efficacy and safety of Ketoprofen Gel treatment in patients with low back pain. BolÊ¹, Sustavy, PozvonoÄnik, 2021, 11, 28-34.	0.1	0
625	Evaluating the Quality of Reports About Randomized Controlled Trials of Acupuncture for Low Back Pain. Journal of Pain Research, 2021, Volume 14, 1141-1151.	0.8	7
626	Psychological assessments by manual physiotherapists in the Netherlands in patients with nonspecific low back pain. Journal of Manual and Manipulative Therapy, 2021, 29, 310-317.	0.7	3
627	Chronic disease. Journal of Physiotherapy, 2021, 67, 84-86.	0.7	3
629	Protocol for a feasibility randomised controlled trial comparing cognitive functional therapy with usual physiotherapy care in people with persistent low back pain. Physiotherapy Practice and Research, 2021, 42, 21-34.	0.1	1
630	Acupuncture is ineffective for chronic low back pain? A critical analysis and rethinking. Frontiers of Medicine, 2021, 15, 767-775.	1.5	4
631	Pain Self-Management Strategies of Chronic Back Pain Sufferers in Thailand: A Qualitative Study (A) Tj ETQq1 1 0.784314 rgBT /Overl	0.2	0
632	Unhelpful beliefs and attitudes about low back pain in the general population: A cross-sectional survey. Musculoskeletal Science and Practice, 2021, 52, 102342.	0.6	22
633	The Hausa Back Beliefs Questionnaire: Translation, cross-cultural adaptation and psychometric assessment in mixed urban and rural Nigerian populations with chronic low back pain. PLoS ONE, 2021, 16, e0249370.	1.1	4

#	Article	IF	Citations
634	Prevalence, Predictors and Wage Replacement Duration Associated with Diagnostic Imaging in Australian Workers with Accepted Claims for Low Back Pain: A Retrospective Cohort Study. Journal of Occupational Rehabilitation, 2022, 32, 55-63.	1.2	7
635	The Relationship between Change of Weight and Chronic Low Back Pain in Population over 50 Years of Age: A Nationwide Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2021, 18, 3969.	1.2	3
636	Factors associated with exercise adherence to prevent or treat neck and low back pain: A systematic review. Musculoskeletal Science and Practice, 2021, 52, 102333.	0.6	8
637	Cost comparison of osteopathic manipulative treatment for patients with chronic low back pain. Journal of Osteopathic Medicine, 2021, 121, 635-642.	0.4	1
638	The comparative effects of brief or multidisciplinary intervention on return to work at 1â€‰year in employees on sick leave due to low back pain: A randomized controlled trial. Clinical Rehabilitation, 2021, 35, 1290-1304.	1.0	3
639	A meta-analysis of the association between physical demands of domestic labor and back pain among women. BMC Women's Health, 2021, 21, 150.	0.8	7
640	Dry cupping therapy is not superior to sham cupping to improve clinical outcomes in people with non-specific chronic low back pain: a randomised trial. Journal of Physiotherapy, 2021, 67, 132-139.	0.7	12
641	Stem Cells and Intervertebral Disc Regeneration Overviewâ€”What They Can and Can't Do. International Journal of Spine Surgery, 2021, 15, 40-53.	0.7	23
642	The patient enablement instrument for back pain: reliability, content validity, construct validity and responsiveness. Health and Quality of Life Outcomes, 2021, 19, 116.	1.0	5
643	Rehabilitation and return to sport of a high-level track & field athlete with low back pain - a case report.. Physiotherapy Theory and Practice, 2021, , 1-6.	0.6	0
644	Importance of Work-Related Psychosocial Factors in Exertion Perception Using the Borg Scale Among Workers Subjected to Heavy Physical Work. Frontiers in Public Health, 2021, 9, 678827.	1.3	5
645	Neurophysiological mechanisms of chiropractic spinal manipulation for spine pain. European Journal of Pain, 2021, 25, 1429-1448.	1.4	28
646	Determining the Costs of Low-Back Pain Associated Sick Leave in the Dutch Workforce in the Period 2015 to 2017. Journal of Occupational and Environmental Medicine, 2021, 63, e367-e372.	0.9	12
647	Directâ€access physiotherapy to help manage patients with musculoskeletal disorders in an emergency department: Results of a randomized controlled trial. Academic Emergency Medicine, 2021, 28, 848-858.	0.8	19
648	Association of Back Pain with Mortality: a Systematic Review and Meta-analysis of Cohort Studies. Journal of General Internal Medicine, 2021, 36, 3148-3158.	1.3	13
649	Symptomatic individuals with Lumbar Disc Degeneration use different anticipatory and compensatory kinematic strategies to asymptomatic controls in response to postural perturbation. Gait and Posture, 2022, 94, 222-229.	0.6	2
651	Effectiveness of training in guideline-oriented biopsychosocial management of low-back pain in occupational health services â€“ a cluster randomized controlled trial. Scandinavian Journal of Work, Environment and Health, 2021, 47, 367-376.	1.7	2
652	Understanding the impact of lumbar disc degeneration and chronic low back pain: A cross-sectional electromyographic analysis of postural strategy during predicted and unpredicted postural perturbations. PLoS ONE, 2021, 16, e0249308.	1.1	1

#	Article	IF	Citations
653	Young adults with recurrent low back pain demonstrate altered trunk coordination during gait independent of pain status and attentional demands. Experimental Brain Research, 2021, 239, 1937-1949.	0.7	8
654	Inclination of the small laminar slope angle leads to lumbar spinal stenosis due to hypertrophy of the ligamentum flavum. Journal of Orthopaedic Surgery, 2021, 29, 230949902110128.	0.4	3
655	Physical rehabilitation research and pain science. Pain, 2021, 162, 2621-2624.	2.0	6
656	Heart rate variability in patients with low back pain: a systematic review. Scandinavian Journal of Pain, 2021, 21, 426-433.	0.5	17
657	Slacklining as therapy to address non-specific low back pain in the presence of multifidus arthrogenic muscle inhibition. World Journal of Orthopedics, 2021, 12, 178-196.	0.8	3
658	The Relationship Between Patient Satisfaction and Healthcare Expenditures in Adults with Spine Related Disorders. Spine, 2021, 46, 1409-1417.	1.0	0
659	Reliability of measures to characterize lumbar movement patterns, in repeated seated reaching, in a mixed group of participants with and without low-back pain: A test-retest, within- and between session. Journal of Biomechanics, 2021, 121, 110435.	0.9	7
660	ICD-10 Coding of Musculoskeletal Conditions in the Veterans Health Administration. Pain Medicine, 2021, 22, 2597-2603.	0.9	4
661	The role of NO system in low back pain chronicity. Personalized Psychiatry and Neurology, 2021, 1, 37-45.	0.2	2
662	Association of Lumbar Spine Radiographic Changes With Severity of Back Painâ€"Related Disability Among Middle-aged, Community-Dwelling Women. JAMA Network Open, 2021, 4, e2110715.	2.8	13
663	Percutaneous Electrical Nerve Stimulation (PENS) as a Rehabilitation Approach for Reducing Mixed Chronic Pain in Patients with Musculoskeletal Disorders. Applied Sciences (Switzerland), 2021, 11, 4257.	1.3	15
664	Central Sensitization in Chronic Low Back Pain: A Population-Based Study of a Japanese Mountain Village. Journal of Pain Research, 2021, Volume 14, 1271-1280.	0.8	9
665	Lack of Consensus Across Clinical Guidelines Regarding the Role of Psychosocial Factors Within Low Back Pain Care: A Systematic Review. Journal of Pain, 2021, 22, 1545-1559.	0.7	15
666	Flexed lumbar spine postures are associated with greater strength and efficiency than lordotic postures during a maximal lift in pain-free individuals. Gait and Posture, 2021, 86, 245-250.	0.6	10
667	Exploring perceived barriers and enablers to fidelity of training and delivery of an intervention to reduce imaging for low back pain: a qualitative interview study protocol. HRB Open Research, 0, 4, 49.	0.3	2
668	Accuracy of the Ã–rebro Musculoskeletal Pain Questionnaire and Work Assessment Triage Tool for selecting interventions in workers with spinal conditions. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 355-362.	0.4	3
669	Completeness and quality of low back pain prevalence data in the Global Burden of Disease Study 2017. BMJ Global Health, 2021, 6, e005847.	2.0	33
670	Reassuring Patients With Low Back Pain in Primary Care Consultations. Clinical Journal of Pain, 2021, 37, 598-606.	0.8	4

#	Article	IF	Citations
671	Time-delay Estimation Based Model-free Control with Adaptive Iterative Learning Compensator for Parallel Back-support Exoskeleton. , 2021, , .		0
672	Spinal movement variability associated with low back pain: A scoping review. PLoS ONE, 2021, 16, e0252141.	1.1	13
673	The Long-Term Prognosis in People With Recent Onset Low Back Pain From Emergency Departments: An Inception Cohort Study. Journal of Pain, 2021, 22, 1497-1505.	0.7	3
674	What do people post on social media relative to low back pain? A content analysis of Australian data. Musculoskeletal Science and Practice, 2021, 54, 102402.	0.6	6
675	Prevalence of Low Back Pain and Associated Factors in Older Adults: Amazonia Brazilian Community Study. Healthcare (Switzerland), 2021, 9, 539.	1.0	2
676	Effects of behavioural exercise therapy on the effectiveness of multidisciplinary rehabilitation for chronic non-specific low back pain: a randomised controlled trial. BMC Musculoskeletal Disorders, 2021, 22, 500.	0.8	11
678	Static and Dynamic Pain Sensitivity in Adults With Persistent Low Back Pain. Clinical Journal of Pain, 2021, 37, 494-503.	0.8	14
679	Understanding regional activation of thoraco-lumbar muscles in chronic low back pain and its relationship to clinically relevant domains. BMC Musculoskeletal Disorders, 2021, 22, 432.	0.8	6
680	Changes in physiotherapy studentsâ€™ beliefs and attitudes about low back pain through pre-registration training. Archives of Physiotherapy, 2021, 11, 13.	0.7	6
681	Assessment of functioning and disability in patients with low back pain â€“ the low back pain assessment tool. Part 1: development. Disability and Rehabilitation, 2021, , 1-12.	0.9	2
682	Translation, cross-cultural adaptation and psychometric validation of the Thai version of the STarT Back Screening Tool in patients with non-specific low back pain. BMC Musculoskeletal Disorders, 2021, 22, 454.	0.8	4
683	Assessment of functioning and disability in patients with low back pain â€“ the low back pain assessment tool. Part 2: field-testing. Disability and Rehabilitation, 2022, 44, 4853-4861.	0.9	2
684	Trunk muscle endurance, strength and flexibility in rural subsistence farmers and urban industrialized adults in western Kenya. American Journal of Human Biology, 2021, , .	0.8	2
685	Adherence and characteristics of participants enrolled in a standardised programme of patient education and exercises for low back pain, GLA:DÂ® Back â€“ a prospective observational study. BMC Musculoskeletal Disorders, 2021, 22, 473.	0.8	7
686	Effectiveness of peloid therapy in patients with chronic low back pain: a single-blind controlled study. International Journal of Biometeorology, 2021, 65, 1799-1809.	1.3	15
687	A Cognitive Functional Therapy+ Pathway Versus an Interdisciplinary Pain Management Pathway for Patients With Severe Chronic Low Back Pain (CONFeTTI Trial): Protocol for a Pragmatic Randomized Controlled Trial. Physical Therapy, 2021, 101, .	1.1	1
688	Cross-cultural adaptation and validation of the Amharic version of Roland Morris Disability Questionnaire in people with low back pain in Ethiopia. Disability and Rehabilitation, 2022, 44, 5638-5648.	0.9	2
689	Regression of lumbar disc herniation with non-surgical treatment: a case report. Journal of International Medical Research, 2021, 49, 030006052110206.	0.4	2

#	Article	IF	Citations
690	Does Workersâ€™ Compensation Status Affect Outcomes after Lumbar Spine Surgery? A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 6165.	1.2	45
691	Self-Guided Web-Based Pain Education for People With Musculoskeletal Pain: A Systematic Review and Meta-Analysis. Physical Therapy, 2021, 101, .	1.1	11
692	Illness perceptions and illness behaviours in back pain: A crossâ€sectional cluster analysis. European Journal of Pain, 2021, 25, 1948-1958.	1.4	4
693	ActivitÃ© physique et rÃ©entraÃ®nement Ã lâ€™effort chez les patients lombalgiques. Revue Du Rhumatisme Monographies, 2021, 88, 225-230.	0.0	0
694	Efficacy of Mobile Health in Patients With Low Back Pain: Systematic Review and Meta-analysis of Randomized Controlled Trials. JMIR MHealth and UHealth, 2021, 9, e26095.	1.8	24
695	Can UVA-light-activated riboflavin-induced collagen crosslinking be transferred from ophthalmology to spine surgery? A feasibility study on bovine intervertebral disc. PLoS ONE, 2021, 16, e0252672.	1.1	3
696	The Role of Melatonin on NLRP3 Inflammasome Activation in Diseases. Antioxidants, 2021, 10, 1020.	2.2	25
697	Acute low back pain: diagnosis and management. Singapore Medical Journal, 2021, 62, 271-275.	0.3	1
698	Using embedded alginate microparticles to tune the properties of in situ forming poly(Nâ€isopropylacrylamide)â€graftâ€chondroitin sulfate bioadhesive hydrogels for replacement and repair of the nucleus pulposus of the intervertebral disc. JOR Spine, 2021, 4, e1161.	1.5	20
699	The challenging scenario of beliefs and attitudes toward chronic low back pain among final year undergraduate students: A cross-sectional investigation. Musculoskeletal Science and Practice, 2021, 53, 102375.	0.6	2
700	â€œHow does physical examination findings influence physiotherapistsâ€™ decision-making when matching treatment to patients with low back pain?â€. Musculoskeletal Science and Practice, 2021, 53, 102374.	0.6	2
701	Perception of Tactile Distance on the Back. Perception, 2021, 50, 677-689.	0.5	9
702	Exercise interventions for low back pain are poorly reported: a systematic review. Journal of Clinical Epidemiology, 2021, 139, 279-286.	2.4	20
703	Physical therapy for patients with low back pain in Germany: a survey of current practice. BMC Musculoskeletal Disorders, 2021, 22, 563.	0.8	19
704	Physiotherapistsâ€™ attitudes and beliefs about low back pain influence their clinical decisions and advice. Musculoskeletal Science and Practice, 2021, 53, 102382.	0.6	27
705	Recommendations for Diagnosis and Treatment of Lumbosacral Radicular Pain: A Systematic Review of Clinical Practice Guidelines. Journal of Clinical Medicine, 2021, 10, 2482.	1.0	17
706	Comparison of cost and complication rates for profiling hospital performance in lumbar fusion for Spondylolisthesis. Spine Journal, 2021, 21, 2026-2034.	0.6	0
707	Development of L4-L5 Lumbar Spine Finite Element Model to Estimate Spine Loads. Journal of the Korean Society for Precision Engineering, 2021, 38, 461-467.	0.1	0

#	Article	IF	Citations
709	Effects of low back pain on balance performance in elderly people: a systematic review and meta-analysis. European Review of Aging and Physical Activity, 2021, 18, 8.	1.3	11
710	Development of a standardized histopathology scoring system for human intervertebral disc degeneration: an Orthopaedic Research Society Spine Section Initiative. JOR Spine, 2021, 4, e1167.	1.5	25
711	Reliability and smallest detectable change of theÂDanish version of the Pain Self-Efficacy Questionnaire in patients with chronic low backÂpain. Scandinavian Journal of Pain, 2021, 21, 809-813.	0.5	1
712	Superficial lumbar muscle recruitment strategies to control the trunk with delayed-onset muscle soreness. European Journal of Applied Physiology, 2021, 121, 2573-2583.	1.2	3
713	Is the Distribution Pattern of Modic Changes in Vertebral End-plates Associated With the Severity of Intervertebral Disc Degeneration?: A Cross-sectional Analysis of 527 Caucasians. World Neurosurgery, 2021, 150, e298-e304.	0.7	10
714	Limited predictive value of illness perceptions for short-term poor recovery in musculoskeletal pain. A multi-center longitudinal study. BMC Musculoskeletal Disorders, 2021, 22, 522.	0.8	2
715	Chlorogenic Acid retards cartilaginous endplate degeneration and ameliorates intervertebral disc degeneration via suppressing NF-Î²B signaling. Life Sciences, 2021, 274, 119324.	2.0	15
716	Low back pain: What is the role of YouTube content in patient education?. Journal of Orthopaedic Research, 2022, 40, 901-908.	1.2	14
717	TEXT4myBACK â€“ The Development Process of a Self-Management Intervention Delivered Via Text Message for Low Back Pain. Archives of Rehabilitation Research and Clinical Translation, 2021, 3, 100128.	0.5	8
718	Active-Sensing Epidermal Stretchable Bioelectronic Patch for Noninvasive, Conformal, and Wireless Tendon Monitoring. Research, 2021, 2021, 9783432.	2.8	6
719	Development of a standardized histopathology scoring system using machine learning algorithms for intervertebral disc degeneration in the mouse modelâ€”An <scp>ORS</scp> spine section initiative. JOR Spine, 2021, 4, e1164.	1.5	27
720	Prognostic ability of STarT Back Screening Tool combined with work-related factors in patients with low back pain in primary care: a prospective study. BMJ Open, 2021, 11, e046446.	0.8	3
721	Behavioral Symptom Clusters, Inflammation, and Quality of Life in Chronic Low Back Pain. Pain Management Nursing, 2021, 22, 361-368.	0.4	7
722	M2a Macrophage-Secreted CHI3L1 Promotes Extracellular Matrix Metabolic Imbalances via Activation of IL-13RÎ±2/MAPK Pathway in Rat Intervertebral Disc Degeneration. Frontiers in Immunology, 2021, 12, 666361.	2.2	28
723	Back pain: An aftermath of Covidâ€19 pandemic? A Malta perspective. Musculoskeletal Care, 2022, 20, 145-150.	0.6	17
724	Analyzing musculoskeletal risk prevalence among workers in developing countries: an analysis of small-scale cast-iron foundries in India. Archives of Environmental and Occupational Health, 2021, , 1-18.	0.7	4
725	SPINE20 A global advocacy group promoting evidence-based spine care of value. European Spine Journal, 2021, 30, 2091-2101.	1.0	15
727	Construction of Vertebral Body Tracking Algorithm Based on Dynamic Imaging Parameter Measurement and Its Application in the Treatment of Lumbar Instability. Journal of Medical Imaging and Health Informatics, 2021, 11, 1834-1844.	0.2	0

#	Article	IF	Citations
728	Diagnostic Role of Magnetic Resonance Imaging in Low Back Pain Caused by Vertebral Endplate Degeneration. Journal of Magnetic Resonance Imaging, 2022, 55, 755-771.	1.9	11
729	The Dutch Multidisciplinary Occupational Health Guideline to Enhance Work Participation Among Low Back Pain and Lumbosacral Radicular Syndrome Patients. Journal of Occupational Rehabilitation, 2022, 32, 337-352.	1.2	7
730	Trajectory of self-rated health after combat-related injury. Injury, 2021, 52, 1721-1726.	0.7	3
731	Posterior to anterior spinal stiffness measured in a sample of 127 secondary care low back pain patients. Clinical Biomechanics, 2021, 87, 105408.	0.5	3
732	Durability of the Therapeutic Effect of Restorative Neurostimulation for Refractory Chronic Low Back Pain. Neuromodulation, 2021, 24, 1024-1032.	0.4	13
733	Pre-operative prognostic factors for walking capacity after surgery for lumbar spinal stenosis: a systematic review. Age and Ageing, 2021, 50, 1529-1545.	0.7	2
734	The Association Between Different Trajectories of Low Back Pain and Degenerative Imaging Findings in Young Adult Participants within The Raine Study. Spine, 2021, Publish Ahead of Print, .	1.0	6
735	Detecting lumbar lesions in ^{99m}Tcâ€MDP SPECT by deep learning: Comparison with physicians. Medical Physics, 2021, 48, 4249-4261.	1.6	3
736	The Effect of Auricular Acupressure for Chronic Low Back Pain in Elders. Holistic Nursing Practice, 2021, 35, 182-190.	0.3	3
737	Biomechanical changes in the lumbar spine following spaceflight and factors associated with postspaceflight disc herniation. Spine Journal, 2022, 22, 197-206.	0.6	13
738	Exploring lumbar and lower limb kinematics and kinetics for evidence that lifting technique is associated with LBP. PLoS ONE, 2021, 16, e0254241.	1.1	8
739	A comparative study of mesenchymal stem cell transplantation and NTG-101 molecular therapy to treat degenerative disc disease. Scientific Reports, 2021, 11, 14804.	1.6	11
740	Comparison of the Effectiveness of Pharmacological Treatments for Patients with Chronic Low Back Pain: A Nationwide, Multicenter Study in Japan. Spine Surgery and Related Research, 2021, 5, 252-263.	0.4	2
741	Associates of Insomnia in People with Chronic Spinal Pain: A Systematic Review and Meta-Analysis. Journal of Clinical Medicine, 2021, 10, 3175.	1.0	21
742	Individuals with recurrent low back pain exhibit further altered frontal plane trunk control in remission than when in pain. Clinical Biomechanics, 2021, 87, 105391.	0.5	7
743	TelerreabilitaÃ§Ã£o em grupo para pacientes com dor lombar crÃ´nica: Estudo longitudinal retrospectivo. Research, Society and Development, 2021, 10, e6710917741.	0.0	0
744	Low back pain and associated risk factors among medical students in Bangladesh: a cross-sectional study. F1000Research, 0, 10, 698.	0.8	5
745	Lumbar muscle atrophy and increased relative intramuscular lipid concentration are not mitigated by daily artificial gravity after 60-day head-down tilt bed rest. Journal of Applied Physiology, 2021, 131, 356-368.	1.2	13

#	Article	IF	Citations
746	Normative Reference Values for Trunk Range of Motion and Isometric Muscle Strength in Asymptomatic Young Indian Adults. Indian Journal of Orthopaedics, 2022, 56, 49-57.	0.5	0
747	Pain, work, and the workplace: a topical review. Pain, 2022, 163, 408-414.	2.0	8
748	Comparative Effectiveness of Collaborative Treatment with Korean and Western Medicine for Low Back Pain: A Prospective Cohort Study. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-9.	0.5	1
749	Simultaneous multidisciplinary care pathway for back pain: a new approach for a first-level comprehensive evaluation and treatment to guarantee adequate pain relief and recovery. AboutOpen, 2021, 8, 48-54.	0.2	1
750	Biomechanical Evaluation of the Effect of Three Trunk Support Exoskeletons on Spine Loading During Lifting. Biosystems and Biorobotics, 2022, , 177-181.	0.2	0
751	Biomechanical Analysis of the Pelvis Angular Excursion in Sagittal Plane in Response to Asymmetric Leg Loading Tasks in Females with and without Non-specific Chronic Low Back Pain. Journal of Biomedical Physics and Engineering, 2021, 11, 367-376.	0.5	0
752	MiR-330-5p inhibits intervertebral disk degeneration via targeting CILP. Journal of Orthopaedic Surgery and Research, 2021, 16, 440.	0.9	2
753	â€˜Your spine is so worn outâ€™ â€“ the influence of clinical diagnosis on beliefs in patients with non-specific chronic low back pain â€“ a qualitative studyâ€™. Brazilian Journal of Physical Therapy, 2021, 25, 811-818.	1.1	13
754	Intervertebral Disk Degeneration: The Microenvironment and Tissue Engineering Strategies. Frontiers in Bioengineering and Biotechnology, 2021, 9, 592118.	2.0	32
755	Comparison of walking variations during treadmill walking test between neurogenic and vascular claudication: a crossover study. Chiropractic & Manual Therapies, 2021, 29, 24.	0.6	1
756	CircSNHG5 Sponges Mir-495-3p and Modulates CITED2 to Protect Cartilage Endplate From Degradation. Frontiers in Cell and Developmental Biology, 2021, 9, 668715.	1.8	17
758	Pilot Study of Sacroiliac Joint Dysfunction Treated with a Single Session of Fascial ManipulationÂ® Method: Clinical Implications for Effective Pain Reduction. Medicina (Lithuania), 2021, 57, 691.	0.8	8
759	Chiropractic Spinal Manipulation Prevents Secondary Hyperalgesia Induced by Topical Capsaicin in Healthy Individuals. Frontiers in Pain Research, 2021, 2, 702429.	0.9	3
760	Expected impact of lockdown measures due to COVID-19 on disabling conditions: a modelling study of chronic low back pain. European Spine Journal, 2021, 30, 2944-2954.	1.0	2
761	Persistent moderate to severe pain and longâ€term cognitive decline. European Journal of Pain, 2021, 25, 2065-2074.	1.4	15
762	Investigating the Mechanisms of Graded Sensorimotor Precision Training in Adults With Chronic Nonspecific Low Back Pain: Protocol for a Causal Mediation Analysis of the RESOLVE Trial. JMIR Research Protocols, 2021, 10, e26053.	0.5	3
763	The nordic maintenance care program: patient experience of maintenance careâ€”a qualitative study. Chiropractic & Manual Therapies, 2021, 29, 28.	0.6	2
764	The Effect of Individual Musculoskeletal Conditions on Depression: Updated Insights From an Irish Longitudinal Study on Aging. Frontiers in Medicine, 2021, 8, 697649.	1.2	10

#	Article	IF	Citations
765	TapentadolÂprolonged release in patients with chronic low back pain: real-world data from the German Pain eRegistry. Pain Management, 2022, 12, 211-227.	0.7	5
766	Tibetan herbal pain-relieving plaster for low back pain: A systematic review and meta-analysis. Biomedicine and Pharmacotherapy, 2021, 140, 111727.	2.5	5
767	Effectiveness of App-Delivered, Tailored Self-management Support for Adults With Lower Back Painâ€“Related Disability. JAMA Internal Medicine, 2021, 181, 1288.	2.6	67
768	Experience of Pain and Satisfaction with Pain Management in Patients After a Lumbar Disc Herniation Surgery. Journal of Perianesthesia Nursing, 2021, 36, 647-655.	0.3	7
769	A clinical decision support system in back pain helps to find the diagnosis: a prospective correlation study. Archives of Orthopaedic and Trauma Surgery, 2023, 143, 621-625.	1.3	3
770	ActualizaciÃ³n de lumbalgia en atenciÃ³n primaria. Revista Medica Sinergia, 2021, 6, e696.	0.0	0
771	Identifying Motor Control Strategies and Their Role in Low Back Pain: A Cross-Disciplinary Approach Bridging Neurosciences With Movement Biomechanics. Frontiers in Pain Research, 2021, 2, 715219.	0.9	10
772	Preoperative Factors Associated With Low Back Pain Improvement After Total Hip Arthroplasty in a Japanese Population. Journal of Arthroplasty, 2022, 37, 69-74.	1.5	10
773	The Impairment and Functioning Inventory Revisedâ€•English version: A validation study in individuals with disabilities and bothersome pain. PM and R, 2021, , .	0.9	0
775	Alarming Assistive Technology: An IoT enabled Sitting Posture Monitoring System. , 2021, , .		1
776	A Caseâ€“Control Study of the Effects of Chronic Low Back Pain in Spatiotemporal Gait Parameters. Sensors, 2021, 21, 5247.	2.1	3
777	Macrophage migration inhibitory factor: a potential biomarker for chronic low back pain in patients with Modic changes. RMD Open, 2021, 7, e001726.	1.8	7
778	Motor performance and back pain in children and adolescents: A systematic review. European Journal of Pain, 2022, 26, 77-102.	1.4	12
779	Modeling the Multidimensional Predictors of Multisite Musculoskeletal Pain Across Adulthoodâ€”A Generalized Estimating Equations Approach. Frontiers in Public Health, 2021, 9, 709778.	1.3	7
780	The Patient-Reported Outcome Measures Used with Low Back Pain and the Attitude of Primary Healthcare Practitioners in Saudi Arabia toward Them. Medicina (Lithuania), 2021, 57, 812.	0.8	4
781	Changes in movement behaviors and back pain during the first wave of the COVID-19 pandemic in Brazil. Brazilian Journal of Physical Therapy, 2021, 25, 819-825.	1.1	11
782	Positive affect and distraction enhance whereas negative affect impairs pain modulation in patients with recurrent low back pain and matched controls. Pain, 2022, 163, 887-896.	2.0	8
783	A Role for Superficial Heat Therapy in the Management of Non-Specific, Mild-to-Moderate Low Back Pain in Current Clinical Practice: A Narrative Review. Life, 2021, 11, 780.	1.1	10

#	Article	IF	Citations
784	Psychological, social and lifestyle screening of people with low back pain treated by physiotherapists in a National Health Service musculoskeletal service: an audit. European Journal of Physiotherapy, 0, , 1-7.	0.7	2
785	Research Relating to Low Back Pain and Physical Activity Reported Over the Period of 2000â€“2020. Journal of Pain Research, 2021, Volume 14, 2513-2528.	0.8	3
786	Spinal hematoma after total knee arthroplasty: a case report. Journal of Surgical Case Reports, 2021, 2021, rjab354.	0.2	0
787	Patient-centered care in musculoskeletal practice: Key elements to support clinicians to focus on the person. Musculoskeletal Science and Practice, 2022, 57, 102434.	0.6	39
788	The Effect of Sitting Posture and Postural Activity on Low Back Muscle Stiffness. Biomechanics, 2021, 1, 214-224.	0.5	17
789	Non-pharmacological and non-surgical treatments for low back pain in adults: an overview of Cochrane Reviews. The Cochrane Library, 2021, 2021, .	1.5	0
790	Roles of circular RNAs in the pathogenesis of intervertebral disc degeneration (Review). Experimental and Therapeutic Medicine, 2021, 22, 1221.	0.8	10
791	Therapeutic Alliance: Patientsâ€™ Expectations Before and Experiences After Physical Therapy for Low Back Painâ€”A Qualitative Study With 6-Month Follow-Up. Physical Therapy, 2021, 101, .	1.1	10
792	Medial Prefrontal High-Definition Transcranial Direct Current Stimulation to Improve Pain Modulation in Chronic Low Back Pain: A Pilot Randomized Double-blinded Placebo-Controlled Crossover Trial. Journal of Pain, 2021, 22, 952-967.	0.7	7
793	Prediction of walking ability following posterior decompression for lumbar spinal stenosis. European Spine Journal, 2021, 30, 3307-3318.	1.0	6
794	Bromodomain-containing protein 7 regulates matrix metabolism and apoptosis in human nucleus pulposus cells through the BRD7-PI3K-YAP1 signaling axis. Experimental Cell Research, 2021, 405, 112658.	1.2	8
795	PrÃ©valence et facteurs de risque associÃ©s Ã la lombalgie chronique parmi les salariÃ©s dâ€™une entreprise de transport Ã Kinshasa. Kinesitherapie, 2021, 21, 22-29.	0.0	0
796	Does Motor Control Exercise Restore Normal Morphology of Lumbar Multifidus Muscle in People with Low Back Pain? â€“ A Systematic Review. Journal of Pain Research, 2021, Volume 14, 2543-2562.	0.8	12
797	Fexofenadine Protects Against Intervertebral Disc Degeneration Through TNF Signaling. Frontiers in Cell and Developmental Biology, 2021, 9, 687024.	1.8	10
798	Trends and risk factors for opioid administration for non-emergent lower back pain. World Journal of Orthopedics, 2021, 12, 700-709.	0.8	1
799	Antibiotic treatment for low back pain or radicular pain, or both. The Cochrane Library, 2021, 2021, .	1.5	1
800	Choosing Wisely Brazil: top 5 low-value practices that should be avoided in musculoskeletal physical therapy. Physiotherapy, 2021, 112, 9-15.	0.2	1
801	Time to reconsider what Global Burden of Disease studies really tell us about low back pain. Annals of the Rheumatic Diseases, 2022, 81, 306-308.	0.5	32

#	Article	IF	Citations
802	Association of sedentary behavior and early engagement in physical activity with low back pain in adolescents: a cross-sectional epidemiological studï»¿y. European Spine Journal, 2022, 31, 152-158.	1.0	7
803	Effects of an Individualized Educational Program for Korean Patients With Chronic Low Back Pain. The Journal of Nursing Research: JNR, 2021, Publish Ahead of Print, e177.	0.7	0
804	Musculoskeletal pain intensity in different body regions and risk of disability pension among female eldercare workers: prospective cohort study with 11-year register follow-up. BMC Musculoskeletal Disorders, 2021, 22, 771.	0.8	9
805	A systematic exploration of a perinatal wellbeing framework through women's experiences of lumbo-pelvic pain. Midwifery, 2021, 100, 103031.	1.0	3
806	Consumer understanding of terms used in imaging reports requested for low back pain: a cross-sectional survey. BMJ Open, 2021, 11, e049938.	0.8	11
807	Reliability and validity of subjective radiologist reporting of temporal changes in lumbar spine <scp>MRI</scp> findings. PM and R, 2022, 14, 1325-1332.	0.9	1
808	Low back pain: a case study. Meditsinskiy Sovet, 2021, , 384-390.	0.1	1
809	A RANDOMIZED CONTROL TRIAL ON EFFICACY OF ANALGESIC EFFECT OF 5% DEXTROSE CAUDAL EPIDURAL INJECTION FOR NON-SPECIFIC CHRONIC LOW BACK PAIN. , 2021, , 11-13.		0
811	A Clinical Description of Chronic Pain in a General Population Using ICD-10 and ICD-11 (The HUNT Pain) Tj ETQq0 0 0 rgBT /Overlock 10	0.7	7
812	Subtypes of insomnia and the risk of chronic spinal pain: the HUNT study. Sleep Medicine, 2021, 85, 15-20.	0.8	8
813	Potential Nociceptive Role of the Thoracolumbar Fascia: A Scope Review Involving In Vivo and Ex Vivo Studies. Journal of Clinical Medicine, 2021, 10, 4342.	1.0	10
814	Prevalence and correlates of bone and joint diseases and its association with falls among older adults in India: Evidence from LASI, 2017â€“18. Geriatric Nursing, 2021, 42, 1143-1150.	0.9	18
815	Construct validity of the Quebec Back Pain Disability Scale: a factor analytic and Rasch study. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 600-606.	1.1	2
816	Association of Medicaid expansion under the Affordable Care Act with access to elective spine surgical care. Journal of Neurosurgery: Spine, 2021, , 1-9.	0.9	1
817	Singleâ€cell RNAâ€sequencing atlas of bovine caudal intervertebral discs: Discovery of heterogeneous cell populations with distinct roles in homeostasis. FASEB Journal, 2021, 35, e21919.	0.2	28
818	Exercise therapy for chronic low back pain. The Cochrane Library, 2021, 2021, CD009790.	1.5	111
820	Atorvastatin inhibited TNF-Î± induced matrix degradation in rat nucleus pulposus cells by suppressing NLRP3 inflammasome activity and inducing autophagy through NF-ÎºB signaling. Cell Cycle, 2021, 20, 2160-2173.	1.3	26
821	Patient education booklet to support evidence-based low back pain care in primary care â€“ a cluster randomized controlled trial. BMC Family Practice, 2021, 22, 178.	2.9	5

#	Article	IF	Citations
822	Low back pain prevalence in Sao Paulo, Brazil: A cross-sectional study. Brazilian Journal of Physical Therapy, 2021, 25, 837-845.	1.1	7
823	Maintaining moderate or vigorous exercise reduces the risk of low back pain at 4 years of follow-up: evidence from the English Longitudinal Study of Ageing. Journal of Pain, 2021, , .	0.7	6
824	Targeting self-efficacy more important than dysfunctional behavioral cognitions in patients with longstanding chronic low back pain; a longitudinal study. BMC Musculoskeletal Disorders, 2021, 22, 824.	0.8	9
825	Current Understanding of Pain Neurophysiology among Physiotherapists Practicing in Saudi Arabia. Healthcare (Switzerland), 2021, 9, 1242.	1.0	2
826	Historical Review of Studies on Sacroiliac Fatty Nodules (Recently Termed â€œBack Miceâ€) as a Potential Cause of Low Back Pain. Pain and Therapy, 2021, 10, 1029-1050.	1.5	1
827	Transcription factor EB mediates oxidative stress-induced intervertebral disc degeneration via the NF-Î²B signaling pathway. Annals of Translational Medicine, 2021, 9, 1385-1385.	0.7	4
828	Relationship between systemic inflammation and recovery over 12 months after an acute episode of low back pain. Spine Journal, 2022, 22, 214-225.	0.6	14
829	Cost-Effectiveness Analysis of Tapentadol Versus Oxycodone/Naloxone in both Branded and Generic Formulations in Patients with Musculoskeletal Pain. Clinical Drug Investigation, 2021, 41, 875-883.	1.1	4
830	Cross-sectoral Analysis of 1.4 Million AOK-insured Patients with Back Pain in Baden-WÃ¼rttemberg â€“ What Influence does Outpatient Specialist Care Have?. Zeitschrift Fur Orthopadie Und Unfallchirurgie, 2022, 160, 198-206.	0.4	0
831	Low back pain: Old concepts and new insights. Journal of Back and Musculoskeletal Rehabilitation, 2021, 34, 723-724.	0.4	1
832	Helpful factors in a healthcare professional intervention for lowâ€back pain: Unveiled by Heidegger's philosophy. Nursing Philosophy, 2022, 23, e12364.	0.9	2
833	Global, regional and national burden of low back pain 1990â€“2019: A systematic analysis of the Global Burden of Disease study 2019. Journal of Orthopaedic Translation, 2022, 32, 49-58.	1.9	127
834	Low Back Pain Exacerbation Is Predictable Through Motif Identification in Center of Pressure Time Series Recorded During Dynamic Sitting. Frontiers in Physiology, 2021, 12, 696077.	1.3	0
835	Extending the straight leg raise test for improved clinical evaluation of sciatica: validity and diagnostic performance with reference to the magnetic resonance imaging. BMC Musculoskeletal Disorders, 2021, 22, 808.	0.8	8
836	The Area Deprivation Index Corresponds Effectively With Other Measures of Objective Socioeconomic Status in Adults With Chronic Low Back Pain. Journal of Nursing Measurement, 2022, 30, 433-448.	0.2	5
837	Waist circumference, waist-hip ratio, body fat rate, total body fat mass and risk of low back pain: a systematic review and meta-analysis. European Spine Journal, 2022, 31, 123-135.	1.0	11
838	Effectiveness of medical rehabilitation in persons with back pain â€“ lessons learned from a German cohort study. Disability and Rehabilitation, 2022, 44, 7039-7047.	0.9	5
839	Effect of Pain Reprocessing Therapy vs Placebo and Usual Care for Patients With Chronic Back Pain. JAMA Psychiatry, 2022, 79, 13.	6.0	85

#	Article	IF	Citations
840	The potential role of melatonin in retarding intervertebral disc ageing and degeneration: A systematic review. Ageing Research Reviews, 2021, 70, 101394.	5.0	34
841	A cross-sectional analysis of persistent low back pain, using correlations between lumbar stiffness, pressure pain threshold, and heat pain threshold. Chiropractic & Manual Therapies, 2021, 29, 34.	0.6	5
842	Perspectives of emergency department clinicians on the challenges of addressing low back pain in the emergency setting: A qualitative study. EMA - Emergency Medicine Australasia, 2022, 34, 199-208.	0.5	9
843	Classification and Automated Interpretation of Spinal Posture Data Using a Pathology-Independent Classifier and Explainable Artificial Intelligence (XAI). Sensors, 2021, 21, 6323.	2.1	24
844	Taking patients to the ice cream shop but telling them that they cannot have ice cream: a qualitative study of orthopaedic spine clinicians' perceptions of persistent low back pain consultations. BMJ Open, 2021, 11, e052938.	0.8	1
845	Experiences of training and delivery of Physical therapy informed by Acceptance and Commitment Therapy (PACT): a longitudinal qualitative study. Physiotherapy, 2021, 112, 41-48.	0.2	7
846	The relationship between readiness to change pain-related exercise participation and perceived work ability: a cross-sectional study of factory workers. BMC Musculoskeletal Disorders, 2021, 22, 762.	0.8	2
847	Low Somatosensory Cortex Excitability in the Acute Stage of Low Back Pain Causes Chronic Pain. Journal of Pain, 2022, 23, 289-304.	0.7	15
848	Physical and Psychological Factors Associated With Walking Capacity in Patients With Lumbar Spinal Stenosis With Neurogenic Claudication: A Systematic Scoping Review. Frontiers in Neurology, 2021, 12, 720662.	1.1	7
849	Advice and education provide small short-term improvements in pain and disability in people with non-specific spinal pain: a systematic review. Journal of Physiotherapy, 2021, 67, 263-270.	0.7	15
850	Endplate defects, not the severity of spinal stenosis, contribute to low back pain in patients with lumbar spinal stenosis. Spine Journal, 2022, 22, 370-378.	0.6	13
851	Low back pain expert systems: Clinical resolution through probabilistic considerations and poset. Artificial Intelligence in Medicine, 2021, 120, 102163.	3.8	0
852	Psychological, mobility, and satisfaction variables mediate the relationship between baseline back pain intensity and long-term outcomes in individuals who underwent lumbar spine surgery. Musculoskeletal Science and Practice, 2021, 55, 102424.	0.6	1
853	The advice given by physiotherapists to people with back pain in primary care. Musculoskeletal Science and Practice, 2021, 55, 102403.	0.6	2
854	Exploration of the therapeutic effect and clinical outcomes of acupuncture at pain-sensitive points to treat chronic nonspecific low back pain: Application of the acupoint sensitization theory åŸºåºŽç©´ä½æ•åŒ–çŠ¶è®ºæŽ¢è®¨é¾åˆºç—›æ•ç Journal of Acupuncture-moxibustion, 2021, 31, 270-274.		
855	Disrupted everyday life in the trajectory of low back pain: A longitudinal qualitative study of the cross-sectorial pathways of individuals with low back pain over time. International Journal of Nursing Studies Advances, 2021, 3, 100021.	0.9	6
856	Construction of a smart management system for physical health based on IoT and cloud computing with big data. Computer Communications, 2021, 179, 183-194.	3.1	11
857	Correlation between pain, anthropometric measurements, stressÂand biochemical markers in women with low back pain. Pain Management, 2021, 11, 661-667.	0.7	4

#	Article	IF	Citations
858	Review of in vitro mechanical testing for intervertebral disc injectable biomaterials. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 123, 104703.	1.5	7
859	Computational modeling of lumbar disc degeneration before and after spinal fusion. Clinical Biomechanics, 2021, 90, 105490.	0.5	5
860	Dre Love. , 2022, , 126-136.		0
861	Declan Mulroney. , 2022, , 208-222.		0
862	Estella Navarro. , 2022, , 224-243.		0
863	Changes in Pain Catastrophizing and Fear-Avoidance Beliefs as Mediators of Early Physical Therapy on Disability and Pain in Acute Low-Back Pain: A Secondary Analysis of a Clinical Trial. Pain Medicine, 2022, 23, 1127-1137.	0.9	4
864	Association of low back pain with muscle weakness, decreased mobility function, and malnutrition in older women: A cross-sectional study. PLoS ONE, 2021, 16, e0245879.	1.1	10
865	Effects of spinal manipulative therapy on inflammatory mediators in patients with non-specific low back pain: a non-randomized controlled clinical trial. Chiropractic & Manual Therapies, 2021, 29, 3.	0.6	14
866	Improvements in Mental Well-Being and its Predictive Factors in Patients who Underwent Cervical versus Lumbar Decompression Surgery. Spine Surgery and Related Research, 2022, 6, 10-16.	0.4	1
867	Involving practice nurse and other assistant clinical staff members in the management of low back pain: A qualitative interview study from Danish general practice. SAGE Open Medicine, 2021, 9, 205031212110396.	0.7	0
868	Current Concepts of Degenerative Disc Disease: A Significance of Endplate. The Journal of the Korean Orthopaedic Association, 2021, 56, 283.	0.0	0
869	Patient Expectations From Consultation and Treatment of Spine Pain in a Private Spine Rehabilitation Clinic in Urban India. Journal of Patient Experience, 2021, 8, 237437352110340.	0.4	0
871	Psychometric properties of chronic low back pain diagnostic classification systems: a systematic review. European Spine Journal, 2021, 30, 957-989.	1.0	0
872	Cross-cultural translation, adaptation, and validation of the Amharic version pain self-efficacy questionnaire in people with low back pain in Ethiopia. BMC Musculoskeletal Disorders, 2021, 22, 111.	0.8	4
873	Sources of lumbar back pain during aging and potential therapeutic targets. Vitamins and Hormones, 2021, 115, 571-583.	0.7	0
874	Low Back Disorders. , 2021, , 651-689.e9.		1
875	Larger amplitude spinal mobilization is more effective to decrease pain systematically: A clinical trial using pressure pain thresholds in chronic low back pain participants. Journal of Bodywork and Movement Therapies, 2021, 25, 16-23.	0.5	0
876	Effects of Baduanjin on patients with chronic nonspecific low back pain. Medicine (United States), 2021, 100, e24448.	0.4	4

#	Article	IF	Citations
877	The relationship between rowing-related low back pain and rowing biomechanics: a systematic review. British Journal of Sports Medicine, 2021, 55, 616-628.	3.1	19
878	Are Individual Recovery Expectations Associated with Future Work Participation and Functional Recovery in Adults with Nonâ€specific Low Back Pain? A Cochrane Review Summary with Commentary. PM and R, 2021, 13, 105-107.	0.9	3
879	Effects of an Inclination-Controlled Active Spinal Exoskeleton on Spinal Compression Forces. Biosystems and Biorobotics, 2019, , 505-509.	0.2	1
880	Geometrical Characterization of a Lumbar Spine. Advanced Structured Materials, 2020, , 1-11.	0.3	1
881	MultifactoriÃ«le analyse in de medisch-specialistische revalidatie. , 2019, , 69-85.		3
882	The pelvic girdle pain deadlock: 1. Would â€˜deconstructionâ€™ help?. Musculoskeletal Science and Practice, 2020, 48, 102169.	0.6	4
884	Long-term effects on function, health-related quality of life and work ability after structured physiotherapy including a workplace intervention. A secondary analysis of a randomised controlled trial (WorkUp) in primary care for patients with neck and/or back pain. Scandinavian Journal of Primary Health Care, 2020, 38, 92-100.	0.6	6
885	Opportunities and challenges around adapting supported employment interventions for people with chronic low back pain: modified nominal group technique. Disability and Rehabilitation, 2021, 43, 2750-2757.	0.9	2
886	Anti-nerve growth factor antibodies for the treatment of low back pain. Expert Review of Clinical Pharmacology, 2020, 13, 631-639.	1.3	7
887	A Novel Magnetic Resonance Imaging-based Lumbar Muscle Grade to Predict Health-related Quality of Life Scores Among Patients Requiring Surgery. Spine, 2021, 46, 259-267.	1.0	15
888	Translation, Cross-cultural Adaptation and Psychometric Evaluation of the Hausa Roland-Morris Disability Questionnaire in Mixed Rural and Urban Nigerian Populations with Low Back Pain. Spine, 2021, 46, E639-E647.	1.0	5
889	The STarT Back stratified care model for nonspecific low back pain: a model-based evaluation of long-term cost-effectiveness. Pain, 2021, 162, 702-710.	2.0	10
890	Exploratory analysis of randomized clinical trials in physiotherapy aimed at improving walking speed after stroke. International Journal of Rehabilitation Research, 2020, 43, 361-368.	0.7	2
894	Topography and evidence of a separate â€œfascia plateâ€•for the femoral nerve inside the iliopsoas â€“ A dorsal approach. Journal of Anatomy, 2021, 238, 1233-1243.	0.9	2
895	Treating low back pain in athletes: a systematic review with meta-analysis. British Journal of Sports Medicine, 2021, 55, 656-662.	3.1	21
896	Do patients with chronic low-back pain experience a loss of health-related quality of life? A protocol for a systematic review and meta-analysis. BMJ Open, 2020, 10, e033396.	0.8	5
897	Sex and gender considerations in low back pain clinical practice guidelines: a scoping review. BMJ Open Sport and Exercise Medicine, 2020, 6, e000972.	1.4	10
898	Effects of a movement control and tactile acuity training in patients with nonspecific chronic low back pain and control impairment â€“ a randomised controlled pilot study. BMC Musculoskeletal Disorders, 2020, 21, 794.	0.8	8

#	Article	IF	Citations
899	The burden of low back pain in Brazil: estimates from the Global Burden of Disease 2017 Study. Population Health Metrics, 2020, 18, 12.	1.3	21
900	Effects of spinal stabilization exercise with real-time ultrasound imaging biofeedback in individuals with chronic nonspecific low back pain: a pilot study. Journal of Exercise Rehabilitation, 2020, 16, 293-299.	0.4	6
901	Trends in disease-free life expectancy at age 65 in Spain: Diverging patterns by sex, region and disease. PLoS ONE, 2020, 15, e0240923.	1.1	18
902	Combined abnormal muscle activity and pain-related factors affect disability in patients with chronic low back pain: An association rule analysis. PLoS ONE, 2020, 15, e0244111.	1.1	6
903	Proteomic Signatures of Healthy Intervertebral Discs From Organ Donors: A Comparison With Previous Studies on Discs From Scoliosis, Animals, and Trauma. Neurospine, 2020, 17, 426-442.	1.1	10
904	Cross-cultural adaptation and psychometric validation of the Hausa version of Ã–rebro Musculoskeletal Pain Screening Questionnaire in patients with non-specific low back pain. Scandinavian Journal of Pain, 2021, 21, 103-111.	0.5	3
906	Low back pain: which scales and questionnaires are preferable?. Russian Journal of Pain, 2020, 18, 22.	0.2	12
907	Efectos de una Unidad DidÃ¡ctica de educaciÃ³n postural en 1Âº de la EducaciÃ³n Secundaria Obligatoria. Sportis, 2019, 6, 43-60.	0.1	1
908	Kinsenoside ameliorates intervertebral disc degeneration through the activation of AKT-ERK1/2-Nrf2 signaling pathway. Aging, 2019, 11, 7961-7977.	1.4	29
909	Chemerin facilitates intervertebral disc degeneration via TLR4 and CMKLR1 and activation of NF-kB signaling pathway. Aging, 2020, 12, 11732-11753.	1.4	20
910	Tricyclic Antidepressants in Chronic Low Back Pain : A Review. Journal of Islamic Pharmacy, 2019, 4, 21.	0.2	2
911	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.	0.5	34
912	Web-Based Consumer Health Education About Back Pain: Findings of Potential Tensions From a Photo-Elicitation and Observational Study. JMIR Rehabilitation and Assistive Technologies, 2020, 7, e17130.	1.1	5
913	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.	1.1	25
914	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.	0.5	9
915	Long-Term Opioid Therapy in Spine Center Outpatients: Protocol for the Spinal Pain Opioid Cohort (SPOC) Study. JMIR Research Protocols, 2020, 9, e21380.	0.5	3
916	Digital Pain Mapping and Tracking in Patients With Chronic Pain: Longitudinal Study. Journal of Medical Internet Research, 2020, 22, e21475.	2.1	16
917	Responsiveness, Reliability, and Minimally Important and Minimal Detectable Changes of 3 Electronic Patient-Reported Outcome Measures for Low Back Pain: Validation Study. Journal of Medical Internet Research, 2018, 20, e272.	2.1	16

#	Article	IF	Citations
918	Informing Adults With Back Pain About Placebo Effects: Randomized Controlled Evaluation of a New Website With Potential to Improve Informed Consent in Clinical Research. Journal of Medical Internet Research, 2019, 21, e9955.	2.1	3
919	Crosslinker concentration controls TGFÎ²-3 release and annulus fibrosus cell apoptosis in genipin-crosslinked fibrin hydrogels. , 2020, 39, 211-226.		18
920	Balancing biological and biomechanical performance in intervertebral disc repair: a systematic review of injectable cell delivery biomaterials. , 2020, 40, 239-258.		23
921	Management of musculoskeletal pain in the setting of territorial orthopedics. Minerva Ortopedica E Traumatologica, 2020, 71, .	0.3	1
922	The pivotal role for the multidisciplinary approach at all phases and at all levels in the national pathway for the management of low back pain and radicular pain in Belgium. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 228-236.	1.1	7
923	Manual handling of patients: role of kinesiophobia and catastrophizing in health workers with chronic low back pain. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 307-312.	1.1	4
924	Low back pain rehabilitation in 2020: new frontiers and old limits of our understanding. European Journal of Physical and Rehabilitation Medicine, 2020, 56, 212-219.	1.1	18
925	Prevalence and Incidence of Low Back Pain in the Kingdom of Saudi Arabia: A Systematic Review. Journal of Epidemiology and Global Health, 2020, 10, 269.	1.1	23
926	Causes of lower back pain. Russian Neurological Journal, 2020, 24, 14-20.	0.1	5
927	Prevalence and associated factors of neck, shoulder, and low-back pains among medical students at Jazan University, Saudi Arabia: A cross-sectional study. Journal of Family Medicine and Primary Care, 2019, 8, 3826.	0.3	34
928	Comparing Muscle Activity and Spine Shape in Various Sitting Styles. Biofeedback, 2020, 48, 62-67.	0.3	2
929	Senotherapeutic drugs for human intervertebral disc degeneration and low back pain. ELife, 2020, 9, .	2.8	53
930	Pain neuroscience education on YouTube. PeerJ, 2019, 7, e6603.	0.9	36
931	Self-reports vs. physical measures of spinal stiffness. PeerJ, 2020, 8, e9598.	0.9	4
932	Auriculotherapy for low back pain in primary health care: systematic review. Longhua Chinese Medicine, 0, .	0.5	0
933	Trajectories of low back pain from midlife to retirement and functional ability at old age. European Journal of Public Health, 2022, 32, 497-503.	0.1	3
935	Differences in dynamic and postural stability based on degree of disability in patients with nonspecific chronic lower back pain: an observational study. Journal of MOVE and Therapeutic Science, 2021, 3, .	0.1	1
936	The relationship between low back pain and the basic lumbar posture at work: a retrospective cross-sectional study. International Archives of Occupational and Environmental Health, 2022, 95, 25-33.	1.1	4

#	Article	IF	Citations
937	Prevalence of non-specific chronic low-back pain and risk factors among male soldiers in Saudi Arabia. PeerJ, 2021, 9, e12249.	0.9	8
938	Psychosocial predictors of persistent low back pain in patients presenting to the emergency department. American Journal of Emergency Medicine, 2022, 51, 85-91.	0.7	3
939	TÃ©cnicas de rehabilitaciÃ³n abdominal y espinal y del control sensitivomotor para el paciente con lumbalgia crÃ³nica. EMC - Kinesiterapia - Medicina FÃsica, 2021, 42, 1-11.	0.1	1
940	The Association of Lumbosacral Transitional Vertebrae with Low Back Pain and Lumbar Degenerative Findings in MRI. Spine, 2022, 47, 153-162.	1.0	14
941	Occupational physical risk factors and prevalence of musculoskeletal disorders among the traditional lacquerware toy makers of South India. Work, 2021, 70, 405-418.	0.6	9
942	The lumbar region localization using bone anatomy feature graphs. Medical and Biological Engineering and Computing, 2021, 59, 2419-2432.	1.6	0
943	Integrative traditional Chinese medicine for lumbar disc herniation after surgery. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	1
944	Combined Effect of Vitamin D Supplementation and Physiotherapy on Reducing Pain Among Adult Patients With Musculoskeletal Disorders: A Quasi-Experimental Clinical Trial. Frontiers in Nutrition, 2021, 8, 717473.	1.6	15
945	Clinical Effectiveness and Efficacy of Chiropractic Spinal Manipulation for Spine Pain. Frontiers in Pain Research, 2021, 2, 765921.	0.9	8
946	Effects of a Remotely Delivered Cognitive Behavioral Coaching Program on the Self-Rated Functional Disability of Participants with Low Back Pain. Pain Management Nursing, 2021, , .	0.4	2
947	Immediate effect of a spinal mobilisation intervention on muscle stiffness, tone and elasticity in subjects with lower back pain â€“ A randomized cross-over trial. Journal of Bodywork and Movement Therapies, 2021, 29, 60-67.	0.5	3
948	High Intensity Training Is an Effective Modality to Improve Long-Term Disability and Exercise Capacity in Chronic Nonspecific Low Back Pain: A Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2021, 18, 10779.	1.2	10
949	Group and individual telehealth for chronic musculoskeletal pain: A scoping review. Musculoskeletal Care, 2022, 20, 245-258.	0.6	10
950	Effectiveness and Safety of Inelastic Versus Elastic Lumbosacral Orthoses on Low Back Pain Prevention in Healthy Nurses. Spine, 2022, 47, 656-665.	1.0	1
951	Cross-Cultural Adaptation, Reliability, and Psychophysical Validation of the Pain and Sleep Questionnaire Three-Item Index in Finnish. Journal of Clinical Medicine, 2021, 10, 4887.	1.0	6
952	Improving consultations for persistent musculoskeletal low back pain in orthopaedic spine settings: an intervention development. BMC Musculoskeletal Disorders, 2021, 22, 896.	0.8	2
953	Making exercise count: Considerations for the role of exercise in back pain treatment. Musculoskeletal Care, 2022, 20, 259-270.	0.6	17
954	Le risque de lombalgies communes liÃ©es Ã lâ€™activitÃ© professionnelle chez les masseurs-kinÃ©sithÃ©rapeutesÂ: prÃ©valences et facteurs de risque selon les modalitÃ©s dâ€™exercice. Kinesitherapie, 2021, , .	0.0	0

#	Article	IF	Citations
955	The influence of a MOBile-based video Instruction for Low back pain (MOBIL) on initial care decisions made by primary care providers: a randomized controlled trial. BMC Family Practice, 2021, 22, 200.	2.9	1
956	The influence of cognitive factors in relation to the patients' treatment adherence for non-specific chronic low-back pain. A case series. Journal of Bodywork and Movement Therapies, 2022, 29, 271-278.	0.5	1
957	ICF-Based Assessment of Functioning in Daily Clinical Practice. A Promising Direction Toward Patient-Centred Care in Patients With Low Back Pain. Frontiers in Rehabilitation Sciences, 2021, 2, .	0.5	2
958	Impact Analysis of 20-Week Multimodal Progressive Functionalâ€“Proprioceptive Training among Sedentary Workers Affected by Non-Specific Low-Back Pain: An Interventional Cohort Study. International Journal of Environmental Research and Public Health, 2021, 18, 10592.	1.2	5
959	Targeting neurotrophic factors for low back pain and sciatica: a systematic review and meta-analysis. Rheumatology, 2022, 61, 2243-2254.	0.9	2
960	Comparison of attitudes and beliefs of physical therapists and primary care physicians regarding low back pain management: A cross-sectional study. Journal of Back and Musculoskeletal Rehabilitation, 2021, , 1-7.	0.4	1
961	Associations of low-back pain and pain-related cognitions with lumbar movement patterns during repetitive seated reaching. Gait and Posture, 2022, 91, 216-222.	0.6	9
962	Artificial intelligence in dance education: Dance for students with special educational needs. Technology in Society, 2021, 67, 101784.	4.8	11
963	Back pain and treatment seeking among community-dwelling older adults: Findings from a population-based survey. Geriatric Nursing, 2021, 42, 1446-1453.	0.9	6
965	Dor lombar e transtornos mentais comuns na EstratÃ©gia SaÃºde da FamÃlia: uma associaÃ§Ã£o pouco reconhecida. Revista Brasileira De Medicina De FamÃlia E Comunidade, 2018, 13, 1-14.	0.1	2
966	Changing Pain: Making Sense of Rehabilitation in Persistent Spine Pain. , 2019, , 77-102.		0
968	2D pattern matching of frontal plane radiograph to 3D model identifies structural and functional deficiencies of spinal pelvic system in consideration of mechanical spine pain. , 2019, , .		0
969	Bel AÄŸrÄ±lÄ± HastalarÄ±mÄ±zÄ±n DeÄŸerlendirilmesi. OsmangazÄ° Journal of Medicine, 0, , .	0.1	2
971	Comparative effect of driving side on low back pain due to Repetitive Ipsilateral Rotation. Pakistan Journal of Medical Sciences, 2019, 35, 1018-1023.	0.3	1
972	Sacroiliac joint dysfunction: clinical presentations, diagnosis, treatment. Nevrologiya, Neiropsikhiatriya, Psikhosomatika, 2019, 11, 62-68.	0.2	2
974	Human errors is continuous risky in construction industry: is it because of negligence or lack of knowledge?. Academia Open, 2019, 1, .	0.0	0
975	Relationship between chest mobility and angle of spinal curvateres in the saggital plane. Journal of Kinesiology and Exercise Sciences, 2019, 29, 39-46.	0.1	0
977	Psychosocial Impact of Chronic Back Pain: Patient and Societal Perspectives. , 2020, , 1-15.		0

#	Article	IF	Citations
980	Atividades de trabalho e lombalgia crÃ´nica inespecÃfica em trabalhadores de enfermagem. ACTA Paulista De Enfermagem, 2019, 32, 707-713.	0.1	5
981	Exercise Recommendations for Cardiac Patients with Chronic Nonspecific Low Back Pain. Bioengineered, 2019, 8, 144-156.	1.4	0
982	RelaÃ§Ã£o entre funcionalidade e fatores pessoais em idosos com lombalgia. Fisioterapia Brasil, 2019, 20, 732-743.	0.1	0
984	PREVALENCE AND FACTORS ASSOCIATED WITH NONSPECIFIC LOW BACK PAIN IN NURSING WORKERS. Texto E Contexto Enfermagem, 0, 29, .	0.4	0
986	Comparison of low back mobility and stability exercises from Pilates in non-specific low back pain: A randomized controlled trial. , 2020, 2, 023-028.		0
988	PrevenÃ§Ã£o e reabilitaÃ§Ã£o da dor lombar em trabalhadores de enfermagem: revisÃ£o integrativa da literatura. Revista De Enfermagem Da Universidade Federal De Santa Maria, 0, 10, e27.	0.1	0
989	The frequency domain of ground reaction forces during running in patients with low back pain: comparing with healthy control group. Medical Journal of Tabriz University of Medical Sciences & Health Services, 2020, 42, 143-151.	0.1	0
991	FunÃ§Ã£o, atividade e participaÃ§Ã£o na percepÃ§Ã£o do paciente com dor lombar crÃ´nica: estudo em um grupo focal. Revista Ciencias Em Saude, 2020, 10, 15-21.	0.0	0
992	Using artificial intelligence algorithms to identify existing knowledge within the back pain literature. European Spine Journal, 2020, 29, 1917-1924.	1.0	3
994	Results of Traditional Manual Therapy on Lower Back Pain as an Alternative to Aggressive Therapy. KreativnaÃ¢ HirurgiÃ¢ I OnkologiÃ¢, 2020, 10, 39-44.	0.1	0
995	Are Councils on Chiropractic Education expectations of chiropractic graduates changing for the better: a comparison of similarities and differences of the graduate competencies of the Chiropractic Council on Education-Australasia from 2009 to 2017. Chiropractic & Manual Therapies, 2020, 28, 30.	0.6	1
996	GAMBARAN KEJADIAN LOW BACK PAIN PADA PENGENDARA MOTOR OJEK ONLINE DI SURABAYA. Critical Medical and Surgical Nursing Journal, 2020, 8, 84.	0.0	0
999	Development of a novel rat model of lumbar facet joint osteoarthritis induced by persistent compressive injury. Experimental and Therapeutic Medicine, 2020, 20, 3740-3748.	0.8	2
1001	Profile and management of patients with low back pain complaints in a Brazilian Emergency Department: a cross-sectional retrospective study. Revista Ciencias Em Saude, 2020, 10, 70-77.	0.0	0
1002	Impact of an interactive workshop on specialist physiotherapistsâ€™ practice when implementing a new clinical care pathway for people with musculoskeletal conditions. Musculoskeletal Science and Practice, 2021, 57, 102466.	0.6	0
1004	Changes in the distribution of muscle activity when using a passive trunk exoskeleton depend on the type of working task: A high-density surface EMG study. Journal of Biomechanics, 2022, 130, 110846.	0.9	4
1005	Several low back painâ€related misbeliefs are still around in 2020: A crossâ€sectional survey in Belgium. Physiotherapy Research International, 2022, 27, e1927.	0.7	4
1006	Cross-cultural translation, validity, and reliability of The Turkish version of the back-pain attitudes questionnaire. Musculoskeletal Science and Practice, 2021, 57, 102472.	0.6	1

#	Article	IF	Citations
1007	Characteristics and health care costs in patients with a diagnostic imaging for low back pain in Switzerland. European Journal of Health Economics, 2021, , 1.	1.4	2
1008	The Swedish version of the Lumbar Spine Instability Questionnaire: A clinimetric study of validity and reliability. Physiotherapy Theory and Practice, 2023, 39, 154-162.	0.6	2
1009	Interventions for the Management of Acute and Chronic Low Back Pain: Revision 2021. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, CPG1-CPG60.	1.7	191
1010	Segmental Chiropractic Spinal Manipulation Does not Reduce Pain Amplification and the Associated Pain-Related Brain Activity in a Capsaicin-Heat Pain Model. Frontiers in Pain Research, 2021, 2, 733727.	0.9	1
1011	Chiropractors See It Differently: A Surgeonâ€™s Observations. , 2020, , 1-25.		0
1012	Effect of a Multimodal Movement Intervention in Patients With Neurogenic Claudication Based on Lumbar Spinal Stenosis and/or Degenerative Spondylolisthesisâ€"A Pilot Study. Frontiers in Medicine, 2020, 7, 540070.	1.2	5
1013	Efeitos de exercÃ¢cios de Pilates em parÃ¢metros antropomÃ©tricos e hemodinÃ¢micos de portadores de dor lombar crÃ´nica inespecÃfica: ensaio clÃ¬nico randomizado. Research, Society and Development, 2020, 9, e79391110280.	0.0	0
1014	What Mediates Treatment Effects in a Presurgery Physiotherapy Treatment in Surgical Candidates With Degenerative Lumbar Spine Disorders? A Mediation and Conditional Process Analysis of the PREPARE Randomized Controlled Trial. Clinical Journal of Pain, 2021, 37, 168-176.	0.8	4
1015	Is hard physical work in the early working life associated with back pain later in life? A cross-sectional study among 5700 older workers. BMJ Open, 2020, 10, e040158.	0.8	3
1016	Different approaches to percutaneous endoscopic lumbar discectomy for L5/S1 lumbar disc herniation: a retrospective study. British Journal of Neurosurgery, 2024, 38, 16-22.	0.4	10
1017	Serious adverse events following lumbar spine mobilization or manipulation and potential associated factors: a systematic review protocol. JBI Evidence Synthesis, 2021, 19, 1489-1496.	0.6	3
1018	CLINICAL ANALYSIS OF PATIENTS WITH LOW BACK PAIN IN THE EMERGENCY DEPARTMENT. Coluna/ Columna, 2020, 19, 266-270.	0.0	1
1019	A selective smoothed finite element method for 3D explicit dynamic analysis of the human annulus fibrosus with modified composite-based constitutive model. Engineering Analysis With Boundary Elements, 2022, 134, 49-65.	2.0	8
1020	Peptide-based Biomaterials for Repair and Regeneration of the Intervertebral Disc. RSC Soft Matter, 2020, , 429-458.	0.2	1
1021	Trunk muscle function and pelvic alignment associated with the presence of pain in higher education students: a cross-sectional study. Fisioterapia Em Movimento, 0, 33, .	0.4	0
1022	Evaluation of the Results of Rehabilitation of Chronic Low Back Pain Syndrome in Physically Active and Inactive Patients During Leisure Time. Acta Balneologica, 2020, 62, 209-215.	0.1	0
1023	Back Pain: The Classic Surgeonâ€™s View. , 2020, , 1-10.		0
1024	A Program to Reduce Imaging for Acute Low Back Pain. , 2020, , 255-275.		0

#	Article	IF	Citations
1025	Impact of demonstration in a realistic simulation environment as a postoperative education in patientsâ€™ experience. Einstein (Sao Paulo, Brazil), 2020, 18, eAO4831.	0.3	1
1029	What to Expect: Medical Quality Outcomes and Achievements of a Multidisciplinary Inpatient Musculoskeletal System Rehabilitation. , 0, , .		0
1031	Association between health care utilization and musculoskeletal pain. A 21-year follow-up of a population cohort. Scandinavian Journal of Pain, 2020, 20, 533-543.	0.5	6
1032	Attributes Underlying Non-surgical Treatment Choice for People With Low Back Pain: A Systematic Mixed Studies Review. International Journal of Health Policy and Management, 2021, 10, 201-210.	0.5	2
1033	An interactive e-learning module to promote bio-psycho-social management of low back pain in healthcare professionals: a pilot study. Journal of Manual and Manipulative Therapy, 2022, 30, 105-115.	0.7	4
1034	ANATOMICAL-BIOMECHANICAL PECULIARITIES, PATHOGENESIS, CLINICAL FEDATURES AND DIAGNOSIS OF ILIOLUMBAR LIGAMENT SYNDROME (LITERATURE REVIEW). Ortopediiï¸aï¸¡, Travmatologiiï¸aï¸¡ I Protezirovanie, 2021, , 107-112.	0.0	0
1035	Sitting for Too Long, Moving Too Little: Regular Muscle Contractions Can Reduce Muscle Stiffness During Prolonged Periods of Chair-Sitting. Frontiers in Sports and Active Living, 2021, 3, 760533.	0.9	7
1036	Low back pain prevalence, beliefs, and treatment seeking behaviour in multi-ethnic Suriname. Rheumatology Advances in Practice, 2021, 5, rkab074.	0.3	6
1037	Effectiveness of motor control exercise on non-specific chronic low back pain, disability and core muscle morphological characteristics: a meta-analysis of randomized controlled trials. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 793-806.	1.1	3
1038	Is it possible to discriminate workers with a higher prevalence of low back pain considering daily exposure time in a work-related lumbar posture? A diagnostic accuracy study. Ergonomics, 2022, 65, 877-885.	1.1	1
1039	Molecular Imaging of Collagen Destruction of the Spine. ACS Nano, 2021, 15, 19138-19149.	7.3	11
1040	Is multidisciplinary rehabilitation for low back pain effective in patients above 65 years? An observational cohort study with 12-month follow-up. European Journal of Physical and Rehabilitation Medicine, 2021, 57, 783-792.	1.1	2
1041	Predictors of response following standardized education and self-management recommendations for low back pain stratified by dominant pain location. North American Spine Society Journal (NASSJ), 2021, 8, 100092.	0.3	0
1042	Effect of stabilization exercises on balance parameters in chronic low back pain: a systematic review. Sport Sciences for Health, 2022, 18, 603-619.	0.4	2
1043	Low back pain: what should a doctor know?. Meditsinskiy Sovet, 2020, , 65-70.	0.1	0
1044	Assessing the validity of health administrative data compared to population health survey data for the measurement of low back pain. Pain, 2021, 162, 219-226.	2.0	9
1045	VISCERAL MOBILIZATION AS MANAGEMENT OPTION FOR LOW BACK PAIN - A SYSTEMATIC REVIEW. Pakistan Journal of Rehabilitation, 2020, 9, 4-10.	0.0	0
1046	A descriptive analysis of clinical application of patient-reported outcome measures and screening tools for low back pain patients in US chiropractic teaching institutions. Journal of Chiropractic Education, 2021, 35, 144-148.	0.2	2

#	Article	IF	Citations
1048	Surprisingly Successful Subdural Spinal Cord Stimulation: A Case Report. A&A Practice, 2020, 14, e01328.	0.2	0
1049	The Role of Musculoskeletal Disorders in Chronic Disease: A Narrative Review. Journal of Osteopathic Medicine, 2020, 120, 665-670.	0.4	3
1051	Measurement of strain in the rod for lumbar pedicle screw fixation: An experimental and finite element study. Biomedical Physics and Engineering Express, 2020, 6, 065035.	0.6	4
1052	3D-Printed Bioresorbable Antibiotic Spacer Clip for the Prevention of Spinal Surgical Site Infection. , 2020, , 65-74.		0
1053	Clinicianâ€™s Commentary on Benny and Evans. Physiotherapy Canada Physiotherapie Canada, 2020, 72, 364-365.	0.3	0
1054	Association Between Vertebral Dimensions and Lumbar Modic Changes. Spine, 2021, 46, E415-E425.	1.0	5
1055	Exploring the origin of pain subclassification, with emphasis on low back pain: a scoping review. JBI Evidence Synthesis, 2021, 19, 308-340.	0.6	3
1056	THE IMPACT OF NON-SPECIFIC LOW BACK PAIN IN ELDERLY INDIVIDUALS: A COMPARATIVE STUDY. Turkish Journal of Physiotherapy and Rehabilitation, 0, , .	0.5	1
1058	Using Postmarket Surveillance to Assess Safety-Related Events in a Digital Rehabilitation App (Kaia App): Observational Study. JMIR Human Factors, 2021, 8, e25453.	1.0	4
1059	Chiropractic integration within a community health centre: a cost description and partial analysis of cost-utility from the perspective of the institution. Journal of the Canadian Chiropractic Association, 2019, 63, 64-79.	0.2	3
1060	"I stay in bed, sometimes all day." A qualitative study exploring lived experiences of persons with disabling low back pain. Journal of the Canadian Chiropractic Association, 2020, 64, 16-31.	0.2	2
1061	Effectiveness of Proprioceptive Neuromuscular Facilitation on Pain Intensity and Functional Disability in Patients with Low Back Pain: A Systematic Review and Meta-Analysis. Archives of Bone and Joint Surgery, 2020, 8, 479-501.	0.1	2
1062	Consequences of health condition labelling: protocol for a systematic scoping review. BMJ Open, 2020, 10, e037392.	0.8	1
1064	MyrliMaxÂ® and Low Back Pain: A Multicentric, Observational, Post-Marketing Surveillance Study in Indian Patients Suffering from Chronic Low Back Pain of Various Pain Intensity. MÃ¦dica, 2021, 16, 54-63.	0.4	0
1065	Neuromuscular exercises on pain intensity, functional disability, proprioception, and balance of military personnel with chronic low back pain. Journal of the Canadian Chiropractic Association, 2021, 65, 193-206.	0.2	3
1067	Does the use of telephone reminders to increase survey response rates affect outcome estimates? An ancillary analysis of a prospective cohort study of patients with low back pain. BMC Musculoskeletal Disorders, 2021, 22, 893.	0.8	1
1068	Real-world study for identifying the predictive factors of surgical intervention and the value of magnetic resonance imaging in patients with low back pain. Quantitative Imaging in Medicine and Surgery, 2022, 12, 1830-1843.	1.1	2
1069	Artificial intelligence X-ray measurement technology of anatomical parameters related to lumbosacral stability. European Journal of Radiology, 2022, 146, 110071.	1.2	9

#	Article	IF	Citations
1070	Bewegungsapparat. , 2022, , 21-56.		0
1071	Proprioceptive neuromuscular facilitation training reduces pain and disability in individuals with chronic low back pain: A systematic review and meta-analysis. Complementary Therapies in Clinical Practice, 2022, 46, 101505.	0.7	5
1072	Factors influencing implementation of the GLA:D Back, an educational/exercise intervention for low back pain: a mixed-methods study. JBI Evidence Implementation, 2021, 19, 394-408.	1.4	7
1073	Low Back Pain in Elderly from BelÃ©m-Pa, Brazil: Prevalence and Association with Functional Disability. Healthcare (Switzerland), 2021, 9, 1658.	1.0	3
1074	InfluÃªncia do protagonismo do paciente no tratamento fisioterapÃªutico da dor crÃ´nica na coluna vertebral. Fisioterapia Brasil, 2021, 22, 681-696.	0.1	0
1075	Panax notoginseng saponins attenuate intervertebral disc degeneration by reducing the end plate porosity in lumbar spinal instability mice. JOR Spine, 2021, 4, e1182.	1.5	6
1076	A bovine nucleus pulposus explant culture model. Journal of Orthopaedic Research, 2022, 40, 2089-2102.	1.2	7
1077	Manual handling of heavy loads and low back pain among different occupational groups: results of the 2018 BIBB/BAuA employment survey. BMC Musculoskeletal Disorders, 2021, 22, 956.	0.8	4
1078	Paraspinal strength and electromyographic fatigue in patients with sub-acute back pain and controls: Reliability, clinical applicability and between-group differences. World Journal of Orthopedics, 2021, 12, 816-832.	0.8	2
1079	The Online Patient Satisfaction Index for Patients With Low Back Pain: Development, Reliability, and Validation Study. JMIR Formative Research, 2021, 5, e21462.	0.7	0
1081	Machine Learning Approaches to Predict Chronic Lower Back Pain in People Aged over 50 Years. Medicina (Lithuania), 2021, 57, 1230.	0.8	13
1082	Variation in General Practice Services Provided to Australian Workers with Low Back Pain: A Cross-Jurisdictional Comparative Study. Journal of Occupational Rehabilitation, 2022, 32, 203-214.	1.2	4
1083	Tecniche di rieducazione addominale e spinale e del controllo sensorimotorio per il paziente affetto da lombalgia cronica. EMC - Medicina Riabilitativa, 2021, 28, 1-10.	0.0	0
1084	Walking, Cycling, and Swimming for Nonspecific Low Back Pain: A Systematic Review With Meta-analysis. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 85-99.	1.7	10
1085	Is singleâ€point acupuncture effective in treating acute low back pain?. Clinical Case Reports (discontinued), 2021, 9, e05130.	0.2	1
1086	Burden of chronic low back pain: Association with pain severity and prescription medication use in five large European countries. Pain Practice, 2022, 22, 359-371.	0.9	7
1087	Network meta-analysis for comparative effectiveness of treatments for chronic low back pain disorders: systematic review protocol. BMJ Open, 2021, 11, e057112.	0.8	5
1088	Effectiveness of strengthening exercise plus activities of daily living instructions in reducing pain in patients with lumbar disc herniation: a randomized controlled trial. F1000Research, 0, 10, 1163.	0.8	0

#	Article	IF	Citations
1089	Patterns of opioid dispensing and associated wage replacement duration in workers with accepted claims for low back pain: a retrospective cohort study. Pain, 2022, 163, e942-e952.	2.0	3
1090	Unique considerations for exercise programs to prevent future low back pain: the patient perspective. Pain, 2022, 163, e953-e962.	2.0	5
1091	What Constitutes â€œAppropriate Careâ€•for Low Back Pain?. Spine, 2022, 47, 879-891.	1.0	12
1092	The prevalence and risk factors of chronic low back pain among adults in KwaZulu-Natal, South Africa: an observational cross-sectional hospital-based study. BMC Musculoskeletal Disorders, 2021, 22, 955.	0.8	12
1093	Virtual Reality in the Treatment of Adults with Chronic Low Back Pain: A Systematic Review and Meta-Analysis of Randomized Clinical Trials. International Journal of Environmental Research and Public Health, 2021, 18, 11806.	1.2	42
1094	Effectiveness of bent leg raise technique and neurodynamics in patients with radiating low back pain. Pakistan Journal of Medical Sciences, 2021, 38, 47-51.	0.3	1
1095	Outcomes and complications of minimally invasive transforaminal lumbar interbody fusion in the elderly: a systematic review and meta-analysis. Journal of Neurosurgery: Spine, 2022, 36, 741-752.	0.9	7
1096	Cost-effectiveness analysis of acupuncture compared with usual care for acute non-specific low back pain: secondary analysis of a randomised controlled trial. Acupuncture in Medicine, 2022, 40, 123-132.	0.4	1
1097	Cell sources proposed for nucleus pulposus regeneration. JOR Spine, 2021, 4, e1175.	1.5	34
1098	A new immunometabolic perspective of intervertebral disc degeneration. Nature Reviews Rheumatology, 2022, 18, 47-60.	3.5	131
1099	Exploring patient preference heterogeneity for pharmacological treatments for chronic pain: A latent class analysis. European Journal of Pain, 2022, 26, 648-667.	1.4	7
1100	Sleep Risk Assessment and Clinical Management of Chronic Pain. Topics in Pain Management, 2021, 37, 1-7.	0.1	0
1101	Sleep disorders and their correction in patients with chronic back pain. Meditsinskiy Sovet, 2021, , 201-207.	0.1	1
1102	STarT MSK tool: Translation, adaptation and validation in Hebrew. Musculoskeletal Care, 2022, 20, 541-546.	0.6	4
1105	Metanalysis on the effectiveness of low back pain treatment with oxygen-ozone mixture: Comparison between image-guided and non-image-guided injection techniques. European Journal of Radiology Open, 2021, 8, 100389.	0.7	9
1106	Occupational Related Upper and Low Back Pain Among the Working Population of Ethiopia: Systematic Review and Meta-Analysis. Environmental Health Insights, 2021, 15, 117863022110678.	0.6	2
1109	Disability in people with chronic low back pain treated in primary care. Fisioterapia Em Movimento, 0, 34, .	0.4	1
1110	Management of Low back pain in Saudi Arabia healthcare system. A Qualitative Study. Inquiry (United) Tj ETQq1 1 0.784314 rgBT /Ov	0.5	1

#	Article	IF	Citations
1111	The impact of specialised treatment of low back pain on health care costs and productivity in a nationwide cohort. EClinicalMedicine, 2022, 43, 101247.	3.2	5
1112	SIRT1 Alleviates IL-1Î² Induced Nucleus Pulposus Cells Pyroptosis Via Mitophagy in Intervertebral Disc Degeneration. SSRN Electronic Journal, 0, , .	0.4	0
1113	Brain Imaging Biomarkers for Chronic Pain. Frontiers in Neurology, 2021, 12, 734821.	1.1	12
1114	SIRT1-autophagy axis may inhibit oxidative stress-induced ferroptosis in human nucleus pulposus cells. Medical Hypotheses, 2022, 159, 110757.	0.8	3
1115	Protocol for a cluster-randomized non-inferiority trial of the effect of direct access to publicly subsidized physiotherapy for adults with musculoskeletal pain. Contemporary Clinical Trials, 2022, 113, 106648.	0.8	2
1116	Altered Amygdala-prefrontal Connectivity in Chronic Nonspecific Low Back Pain: Resting-state fMRI and Dynamic Causal Modelling Study. Neuroscience, 2022, 482, 18-29.	1.1	8
1117	Catching the circadian rhythm of intervertebral disc and association with clinical outcomes by twice-a-day magnetic resonance imaging. European Journal of Radiology, 2022, 147, 110130.	1.2	4
1118	Lactylation driven by lactate metabolism in the disc accelerates intervertebral disc degeneration: A hypothesis. Medical Hypotheses, 2022, 159, 110758.	0.8	2
1120	Monitoring of Prolonged and Asymmetrical Posture to Improve Sitting Behavior. , 2020, , .		6
1121	Consequences of health condition labelling: protocol for a systematic scoping review. BMJ Open, 2020, 10, e037392.	0.8	2
1122	EFEKTIVITAS TERAPI BEKAM PADA PASIEN DENGAN NYERI PUNGGUNG BAWAH: LITERATUR REVIEW. Jurnal Mitra Kesehatan, 2021, 3, 63-69.	0.0	0
1123	The 3-Month Effectiveness of a Stratified Blended Physiotherapy Intervention in Patients With Nonspecific Low Back Pain: Cluster Randomized Controlled Trial. Journal of Medical Internet Research, 2022, 24, e31675.	2.1	13
1124	Lettera del presidente. Giornale Di Clinica Nefrologica E Dialisi, 0, 33, 77.	0.0	0
1126	Does the use of telephone reminders to increase survey response rates affect outcome estimates? An ancillary analysis of a prospective cohort study of patients with low back pain. BMC Musculoskeletal Disorders, 2021, 22, 893.	0.8	2
1127	What can we learn from long-term studies on chronic low back pain? A scoping review. European Spine Journal, 2022, 31, 901.	1.0	1
1128	Association between severe lumbar disc degeneration and self-reported occupational physical loading. Journal of Occupational Health, 2022, 64, e12316.	1.0	7
1129	Patients should not rely on low back pain information from Brazilian official websites: A mixed-methods review. Brazilian Journal of Physical Therapy, 2022, 26, 100389.	1.1	6
1130	Musculoskeletal Conditions in Persons Living with HIV/AIDS: A Scoping Review. Current Medical Science, 2022, 42, 17.	0.7	0

#	Article	IF	Citations
1131	The burden of low back pain, rheumatoid arthritis, osteoarthritis, and gout and their respective attributable risk factors in Brazil: results of the GBD 2017 study. Revista Da Sociedade Brasileira De Medicina Tropical, 2022, 55, e0285.	0.4	6
1132	3D Stereophotogrammetric Quantitative Evaluation of Posture and Spine Proprioception in Subacute and Chronic Nonspecific Low Back Pain. Journal of Clinical Medicine, 2022, 11, 546.	1.0	4
1133	Development of modified rapid entire body assessment (MOREBA) method for predicting the risk of musculoskeletal disorders in the workplaces. BMC Musculoskeletal Disorders, 2022, 23, 82.	0.8	5
1134	Effects of two training programs on health variables in adults with chronic low back pain: a randomized clinical trial. Pain Management, 2022, , .	0.7	1
1135	Altered effective connectivity within the cingulo-frontal-parietal cognitive attention networks in chronic low back pain: a dynamic causal modeling study. Brain Imaging and Behavior, 2022, 16, 1516-1527.	1.1	8
1137	Effectiveness of lumbar stabilization exercise with real-time ultrasound imaging biofeedback on lumbar multifidus muscle cross-sectional area in individuals with non-specific chronic low back pain: a study protocol for a randomized controlled trial. Trials, 2022, 23, 20.	0.7	3
1138	The Efficacy and Effectiveness of Education for Preventing and Treating Non-Specific Low Back Pain in the Hispanic Cultural Setting: A Systematic Review. International Journal of Environmental Research and Public Health, 2022, 19, 825.	1.2	5
1139	EskiÅŸehir 112 Ä°l Ambulans Servisi Ã‡alÄ±ÅŸanlarÄ±nda Bel AÄŸrÄ±sÄ± ve AlgÄ±lanan Stres DÃ¼zeylerinin DeÄŸerlendirilmesi. , 0, , 73-80.		1
1140	Clinician education unlikely effective for guideline-adherent medication prescription in low back pain: systematic review and meta-analysis of RCTs. EClinicalMedicine, 2022, 43, 101193.	3.2	1
1141	Joint effects of back pain and mental health conditions on healthcare utilization and costs in Ontario, Canada: a population-based cohort study. Pain, 2022, 163, 1892-1904.	2.0	3
1142	Beyond the pain: A qualitative study exploring the physical therapy experience in patients with chronic low back pain. Physiotherapy Theory and Practice, 2023, 39, 803-813.	0.6	5
1143	Misconceptions of physical therapists and medical doctors regarding the impact of lifting a light load on low back pain. Brazilian Journal of Physical Therapy, 2022, 26, 100385.	1.1	4
1144	Secular Trends in Musculoskeletal Rehabilitation Needs in 191 Countries and Territories From 1990 to 2019. JAMA Network Open, 2022, 5, e2144198.	2.8	12
1145	Cross-cultural adaptation and validation of the simplified chinese version of the fremantle back awareness questionnaire in patients with low back Pain. European Spine Journal, 2022, , 1.	1.0	0
1146	Cholesterol Induces Pyroptosis and Matrix Degradation via mSREBP1-Driven Endoplasmic Reticulum Stress in Intervertebral Disc Degeneration. Frontiers in Cell and Developmental Biology, 2021, 9, 803132.	1.8	22
1148	Efficacy of pulsed electromagnetic field on pain and physical function in patients with low back pain: A systematic review and meta-analysis. Clinical Rehabilitation, 2022, , 026921552210740.	1.0	2
1150	The Impact of Quarantine on Pain Sensation among the General Population in China during the COVID-19 Pandemic. Brain Sciences, 2022, 12, 79.	1.1	1
1151	The clinical back pain courses described by information available in Danish central registries. BMC Health Services Research, 2022, 22, 36.	0.9	1

#	Article	IF	Citations
1152	Prevalence and Potential Risk Factors for Occupational Low Back Pain Among Male Military Pilots: A Study Based on Questionnaire and Physical Function Assessment. Frontiers in Public Health, 2021, 9, 744601.	1.3	6
1153	Factors associated with the low back pain-related attitudes and beliefs of physical therapists. Musculoskeletal Science and Practice, 2022, 58, 102518.	0.6	2
1154	Simplified Chinese Version of the Back Pain Function Scale (BPFS) for Patients With Low Back Pain. Spine, 2022, Publish Ahead of Print, .	1.0	4
1155	Lumbar instability as an etiology of low back pain and its treatment by prolotherapy: A review. Journal of Back and Musculoskeletal Rehabilitation, 2022, 35, 701-712.	0.4	7
1156	Spinal pain in childhood: prevalence, trajectories, and diagnoses in children 6 to 17Âyears of age. European Journal of Pediatrics, 2022, 181, 1727-1736.	1.3	12
1157	Development and measurement properties of the AxEL (attitude toward education and advice for) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	2
1158	Cationic Polymer Brush-Modified Carbon Nanotube-Meditated eRNA LINC02569 Silencing Attenuates Nucleus Pulposus Degeneration by Blocking NF-ÎºB Signaling Pathway and Alleviate Cell Senescence. Frontiers in Cell and Developmental Biology, 2021, 9, 837777.	1.8	2
1159	Back2Action: effectiveness of physiotherapy blended with eHealth consisting of pain education and behavioural activation versus physiotherapy aloneâ€"protocol for a pragmatic randomised clinical trial for people with subacute or persistent spinal pain. BMJ Open, 2022, 12, e050808.	0.8	2
1160	Aloin Regulates Matrix Metabolism and Apoptosis in Human Nucleus Pulposus Cells via the TAK1/NF-ÎºB/NLRP3 Signaling Pathway. Stem Cells International, 2022, 2022, 1-12.	1.2	6
1161	Neuromuscular taping for chronic non-specific low back pain: a randomized single-blind controlled trial. Aging Clinical and Experimental Research, 2022, , 1.	1.4	0
1162	Factors associated with back pain in children aged 6 to 12Âyears of age, an eight months prospective study. Scientific Reports, 2022, 12, 603.	1.6	1
1163	Promoting the use of a self-management strategy among novice chiropractors treating individuals with spine pain: A mixed methods pilot clustered-clinical trial. PLoS ONE, 2022, 17, e0262825.	1.1	1
1164	Foundational Research Could Improve Future Transcutaneous Electrical Nerve Stimulation Evaluations. Medicina (Lithuania), 2022, 58, 149.	0.8	3
1165	Trajectories of pain and disability in older adults with acute low back pain: Longitudinal data of the BACE-Brazil cohort. Brazilian Journal of Physical Therapy, 2022, 26, 100386.	1.1	5
1166	Deciphering the Causal Relationships Between Low Back Pain Complications, Metabolic Factors, and Comorbidities. Journal of Pain Research, 2022, Volume 15, 215-227.	0.8	7
1167	Efficacy and safety of Daoyin and massage for lumbar disc herniation. Medicine (United States), 2022, 101, e28775.	0.4	1
1168	Chronic low back pain is associated with impaired bed turning ability: Evaluation by a mobility detection system. Clinical Biomechanics, 2022, 92, 105572.	0.5	1
1169	Consolidating and reâ€evaluating the human disc nutrient microenvironment. JOR Spine, 2022, 5, e1192.	1.5	11

#	Article	IF	Citations
1170	Rare SLC13A1 variants associate with intervertebral disc disorder highlighting role of sulfate in disc pathology. Nature Communications, 2022, 13, 634.	5.8	21
1171	Effects of body weight and fat mass on back pain â€“ direct mechanical or indirect through inflammatory and metabolic parameters?. Seminars in Arthritis and Rheumatism, 2022, 52, 151935.	1.6	3
1172	Prevalence and associated factors of lower extremity musculoskeletal disorders among manufacturing workers: a cross-sectional study in China. BMJ Open, 2022, 12, e054969.	0.8	5
1173	Toward a third term of Health Japan 21 â€“ implications from the rise in non-communicable disease burden and highly preventable risk factors. The Lancet Regional Health - Western Pacific, 2022, 21, 100377.	1.3	11
1174	Early identification of older individuals at risk of mobility decline with machine learning. Archives of Gerontology and Geriatrics, 2022, 100, 104625.	1.4	4
1175	The prevalence and psychosocial risk factors of chronic low back pain in KwaZulu-Natal. African Journal of Primary Health Care and Family Medicine, 2022, 14, e1-e8.	0.3	6
1176	Evaluation of short-term effects of three passive aquatic interventions on chronic non-specific low back pain: Study protocol for a randomized cross-over clinical trial. Contemporary Clinical Trials Communications, 2022, 26, 100904.	0.5	1
1177	Microscopic changes in the spinal extensor musculature in people with chronic spinal pain: a systematic review. Spine Journal, 2022, 22, 1205-1221.	0.6	7
1178	The State of Spine Care in the United States. Spine, 2022, Publish Ahead of Print, .	1.0	0
1179	Low back pain and associated risk factors among medical students in Bangladesh: a cross-sectional study. F1000Research, 0, 10, 698.	0.8	0
1180	Multimorbidity and co-occurring musculoskeletal pain do not modify the effect of the selfBACK app on low back pain-related disability. BMC Medicine, 2022, 20, 53.	2.3	7
1181	Do people with low back pain walk differently? A systematic review and meta-analysis. Journal of Sport and Health Science, 2022, 11, 450-465.	3.3	24
1182	Effect of Tai Chi Quan on the Pressure Pain Thresholds of Lower Back Muscles in Healthy Women. Journal of Pain Research, 2022, Volume 15, 403-412.	0.8	3
1183	Neural management plus advice to stay active on clinical measures and sciatic neurodynamic for patients with chronic sciatica: Study protocol for a controlled randomised clinical trial. PLoS ONE, 2022, 17, e0263152.	1.1	2
1184	Abnormal Anatomical and Functional Connectivity of the Thalamo-sensorimotor Circuit in Chronic Low Back Pain: Resting-state Functional Magnetic Resonance Imaging and Diffusion Tensor Imaging Study. Neuroscience, 2022, 487, 143-154.	1.1	12
1185	The Effect of M-Health-Based Core Stability Exercise Combined with Self-Compassion Training for Patients with Nonspecific Chronic Low Back Pain: A Randomized Controlled Pilot Study. Pain and Therapy, 2022, 11, 511-528.	1.5	13
1186	Illness perceptions; exploring mediators and/or moderators in disabling persistent low back pain. Multiple baseline single-case experimental design. BMC Musculoskeletal Disorders, 2022, 23, 140.	0.8	5
1187	Cytosolic escape of mitochondrial DNA triggers cGAS-STING-NLRP3 axis-dependent nucleus pulposus cell pyroptosis. Experimental and Molecular Medicine, 2022, 54, 129-142.	3.2	94

#	Article	IF	Citations
1188	Eveningness intensifies the association between musculoskeletal pain and health-related quality of life: a Northern Finland Birth Cohort Study 1966. Pain, 2022, 163, 2154-2161.	2.0	7
1189	Primary care first contact practitionerâ€™s (FCP) challenges and learning and development needs in providing fitness for work and sickness absence certification: consensus development. Physiotherapy, 2022, 116, 79-89.	0.2	3
1190	The Roles of circRNAs in Intervertebral Disc Degeneration: Inflammation, Extracellular Matrix Metabolism, and Apoptosis. Analytical Cellular Pathology, 2022, 2022, 1-9.	0.7	10
1191	The primary spine practitioner as a new role in healthcare systems in North America. Chiropractic & Manual Therapies, 2022, 30, 6.	0.6	9
1192	Understanding how individualised physiotherapy or advice altered different elements of disability for people with low back pain using network analysis. PLoS ONE, 2022, 17, e0263574.	1.1	1
1193	Needs assessment for health service design for people with back pain in a hospital setting: A qualitative study. Health Expectations, 2022, 25, 721-731.	1.1	4
1194	Factors Associated With Repeat Emergency Department Visits for Low Back Pain. Cureus, 2022, 14, e21906.	0.2	2
1195	Physiotherapy informed by Acceptance and Commitment Therapy for chronic low back pain: A mixedâ€methods treatment fidelity evaluation. British Journal of Health Psychology, 2022, 27, 935-955.	1.9	5
1196	Primary care providersâ€™ experiences treating low back pain. Journal of Osteopathic Medicine, 2022, 122, 263-269.	0.4	1
1197	The Influence of the Locus of Control Construct on the Efficacy of Physiotherapy Treatments in Patients with Chronic Pain: A Systematic Review. Journal of Personalized Medicine, 2022, 12, 232.	1.1	5
1198	A Cadaver-Based Biomechanical Evaluation of a Novel Posterior Approach to Sacroiliac Joint Fusion: Analysis of the Fixation and Center of the Instantaneous Axis of Rotation. Medical Devices: Evidence and Research, 2021, Volume 14, 435-444.	0.4	6
1199	Relationship between Low Back Pain and Disability. , 2021, 6, 433-438.		0
1200	Sacroiliac Joint Pain in the Athlete. Ochsner Journal, 2022, 22, 6-9.	0.5	2
1201	Linking fMRI, Pain, and Addictions. , 2022, , 1-31.		0
1202	Melatonin reverses tumor necrosis factor-alpha-induced metabolic disturbance of human nucleus pulposus cells via MTNR1B/GÎ±i2/YAP signaling. International Journal of Biological Sciences, 2022, 18, 2202-2219.	2.6	14
1203	Differential DNA methylation in Black and White individuals with chronic low back pain enrich different genomic pathways. Neurobiology of Pain (Cambridge, Mass), 2022, 11, 100086.	1.0	5
1204	Influence of Pregnancy on the Occurrence of Lumbar Spine Pain in Polish Women: A Retrospective Study. Journal of Personalized Medicine, 2022, 12, 357.	1.1	4
1205	Understanding social determinants of health and physical therapy outcomes in patients with low back pain: A scoping review protocol. Musculoskeletal Care, 2022, 20, 945-949.	0.6	1

#	Article	IF	Citations
1206	Work-related musculoskeletal disorders among physical therapists in Taiwan. Medicine (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	0.4	3
1207	Activeâ€Matrix Sensing Array Assisted with Machineâ€Learning Approach for Lumbar Degenerative Disease Diagnosis and Postoperative Assessment. Advanced Functional Materials, 2022, 32, .	7.8	34
1208	Stratification of spine patients based on self-reported clinical symptom classes. Spine Journal, 2022, 22, 1131-1138.	0.6	5
1209	Survey on Prevalance & Comparison of Back Pain Among Surgeons. Pakistan Biomedical Journal, 2022, 5, .	0.0	0
1210	Characterizing an angle of cannula insertion for Lumbar Medial Branch Radiofrequency Neurotomy: A retrospective observational study. , 2022, 1, 100071.		1
1211	The effectiveness of Tuina in managing chronic non-specific low back pain. Medicine (United States), 2022, 101, e28883.	0.4	0
1212	Characteristics of patients with low back pain treated at a primary care center in Ecuador. Revista Bionatura, 2022, 7, 1-6.	0.1	0
1213	Pain cognitions and impact of low back pain after participation in a self-management program: a qualitative study. Chiropractic & Manual Therapies, 2022, 30, 8.	0.6	6
1214	The Prediction of Chronicity in Patients With Acute and Subacute Nonspecific Low Back Pain and Associated Risk Factors: A Case-Control Study. Pain Management Nursing, 2022, 23, 838-847.	0.4	4
1215	Dual Role of Neck Disability Index in the Assessment of Quality of Life in Cervical Spine Patients. Journal of the American Academy of Orthopaedic Surgeons, The, 2022, Publish Ahead of Print, .	1.1	2
1217	Uncertainty in low back pain care â€“ insights from an ethnographic study. Disability and Rehabilitation, 2023, 45, 784-795.	0.9	6
1218	Intradural Extramedullary Ewing Sarcoma in an Adolescent Female. Adolescent Health, Medicine and Therapeutics, 2022, Volume 13, 39-43.	0.7	1
1219	A Decreasing National Trend in Lumbar Disc Arthroplasty. Global Spine Journal, 2022, , 219256822210795.	1.2	1
1220	Physiotherapistsâ€™ prognosis of 1-year outcome after lumbar spinal fusion - A prospective cohort study. Physiotherapy Theory and Practice, 2023, 39, 1692-1703.	0.6	0
1221	Ergonomic Design of a Workplace Using Virtual Reality and a Motion Capture Suit. Applied Sciences (Switzerland), 2022, 12, 2150.	1.3	17
1222	Health care providersâ€™ understanding of self-management support for people with chronic low back pain in Ethiopia: an interpretive description. BMC Health Services Research, 2022, 22, 194.	0.9	1
1223	Naringin protects human nucleus pulposus cells against TNF-Î±-induced inflammation, oxidative stress, and loss of cellular homeostasis by enhancing autophagic flux via AMPK/SIRT1 activation. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	12
1224	Thoughts on Pain, Physical Activity, and Body in Patients With Recurrent Low Back Pain and Fear: An Interview Study. Physical Therapy, 2022, 102, .	1.1	3

#	Article	IF	Citations
1225	Spine Pain and Metastatic Prostate Cancer: Defining the Contribution of Nonmalignant Etiologies. JCO Oncology Practice, 2022, 18, e938-e947.	1.4	5
1226	Generalization of fear of movement-related pain and avoidance behavior as predictors of work resumption after back surgery: a study protocol for a prospective study (WABS). BMC Psychology, 2022, 10, 39.	0.9	1
1227	Psychological interventions for chronic, non-specific low back pain: systematic review with network meta-analysis. BMJ, The, 2022, 376, e067718.	3.0	33
1228	Impact of Work-Related Chronic Low Back Pain on Functional Performance and Physical Capabilities in Women and Men: A Sex-Wise Comparative Study. BioMed Research International, 2022, 2022, 1-9.	0.9	3
1229	Use, and acceptability, of digital health technologies in musculoskeletal physical therapy: A survey of physical therapists and patients. Musculoskeletal Care, 2022, 20, 641-659.	0.6	11
1230	International Publication Trends in Low Back Pain Research: A Bibliometric and Visualization Analysis. Frontiers in Public Health, 2022, 10, 746591.	1.3	9
1232	Paraspinal Muscle in Chronic Low Back Pain: Comparison Between Standard Parameters and Chemical Shift Encodingâ€Based Waterâ€“Fat <scp>MRI</scp>. Journal of Magnetic Resonance Imaging, 2022, 56, 1600-1608.	1.9	9
1233	Improved adherence to clinical guidelines for low back pain after implementation of the BetterBack model of care: A stepped cluster randomized controlled trial within a hybrid type 2 trial. Physiotherapy Theory and Practice, 2023, 39, 1376-1390.	0.6	4
1234	â€˜Keep moving, but carefullyâ€™: back pain beliefs among NHS staff. European Journal of Physiotherapy, 2023, 25, 168-176.	0.7	1
1235	Sample Entropy as a Tool to Assess Lumbo-Pelvic Movements in a Clinical Test for Low-Back-Pain Patients. Entropy, 2022, 24, 437.	1.1	3
1236	The relationship between the Keel STarT back screening tool, the short form of central sensitivity inventory and health-related quality of life in patients with low back pain. Journal of Manual and Manipulative Therapy, 2022, , 1-7.	0.7	1
1237	A Scoping Review on the Epidemiology of Chronic Low Back Pain among Adults in Sub-Saharan Africa. International Journal of Environmental Research and Public Health, 2022, 19, 2964.	1.2	17
1238	Multidisciplinary integrative care versus chiropractic care for low back pain: a randomized clinical trial. Chiropractic & Manual Therapies, 2022, 30, 10.	0.6	2
1239	Epigenome-wide DNA methylation profiling of conditioned pain modulation in individuals with non-specific chronic low back pain. Clinical Epigenetics, 2022, 14, 45.	1.8	10
1240	Intradiscal Therapies for Lumbar Degenerative Disk Disease. Journal of the American Academy of Orthopaedic Surgeons, The, 2022, 30, e1084-e1094.	1.1	2
1241	Physiotherapists Both Reproduce and Resist Biomedical Dominance when Working With People With Low Back Pain: A Qualitative Study Towards New Praxis. Qualitative Health Research, 2022, 32, 902-915.	1.0	16
1242	Well-described exercises for chronic low back pain in Life Science Literature: A systematic review. Journal of Back and Musculoskeletal Rehabilitation, 2022, 35, 729-742.	0.4	3
1243	Virtual Reality Assisted Non-Pharmacological Treatments in Chronic Pain Management: A Systematic Review and Quantitative Meta-Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 4071.	1.2	26

#	Article	IF	Citations
1244	Time-delay estimation based dual model-free control with initial rectifying mechanism for parallel back-support exoskeleton parallel back-support exoskeleton for rehabilitation or power augmentation. JVC/Journal of Vibration and Control, 0, , 107754632210759.	1.5	0
1245	Intrarater and interrater agreement of a 6-item movement control test battery and the resulting diagnosis in patients with nonspecific chronic low back pain. Physiotherapy Theory and Practice, 2023, 39, 1716-1726.	0.6	0
1246	Are Work Demand, Support and Control Associated with Work Ability and Disability during Back Pain Treatment? A Prospective Explorative Study. International Journal of Environmental Research and Public Health, 2022, 19, 3154.	1.2	2
1247	Electromyographic Analysis of the Lumbar Extensor Muscles during Dynamic Exercise on a Home Exercise Device. Journal of Functional Morphology and Kinesiology, 2022, 7, 26.	1.1	1
1248	The involvement of immune system in intervertebral disc herniation and degeneration. JOR Spine, 2022, 5, e1196.	1.5	36
1250	Survey on Prevalance & Comparison of Back Pain Among Surgeons. Pakistan Biomedical Journal, 2021, 5, .	0.0	0
1251	Injectable hydrogel with nucleus pulposus-matched viscoelastic property prevents intervertebral disc degeneration. Journal of Orthopaedic Translation, 2022, 33, 162-173.	1.9	23
1252	Manual therapy regulates oxidative stress in aging rat lumbar intervertebral discs through the SIRT1/FOXO1 pathway. Aging, 2022, 14, 2400-2417.	1.4	10
1253	Effect of a 6-month sedentary behavior reduction intervention on well-being and workplace health in desk workers with low back pain. Work, 2022, 71, 1145-1155.	0.6	3
1254	Impact of insurance type on patient-reported outcome measures in patients with lumbar disc herniation. Spine Journal, 2022, 22, 1309-1317.	0.6	2
1255	Transforaminal lumbar interbody fusion with a silicon nitride cage demonstrates early radiographic fusion. Journal of Spine Surgery, 2022, 8, 29-43.	0.6	2
1256	Trunk muscle activity during holding two types of dynamic loads in subjects with nonspecific low back pain. Journal of Bodywork and Movement Therapies, 2022, 31, 7-15.	0.5	2
1257	Circadian Rhythm Modulates the Therapeutic Activity of Pulsed Electromagnetic Fields on Intervertebral Disc Degeneration in Rats. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19.	1.9	1
1258	What Is New in the Clinical Management of Low Back Pain: A Narrative Review. Cureus, 2022, 14, e22992.	0.2	3
1259	Degenerative Nucleus Pulposus Cells Derived Exosomes Promoted Cartilage Endplate Cells Apoptosis and Aggravated Intervertebral Disc Degeneration. Frontiers in Molecular Biosciences, 2022, 9, 835976.	1.6	8
1260	Does m-health-based exercise (guidance plus education) improve efficacy in patients with chronic low-back pain? A preliminary report on the interventionâ€™s significance. Trials, 2022, 23, 190.	0.7	7
1261	Low back pain presentations to rural, regional, and metropolitan emergency departments. Australian Journal of Rural Health, 2022, , .	0.7	4
1262	Influence of Load Knowledge on Biomechanics of Asymmetric Lifting. International Journal of Environmental Research and Public Health, 2022, 19, 3207.	1.2	0

#	Article	IF	Citations
1263	GLA:DÂ® Back Australia: a mixed methods feasibility study for implementation. Chiropractic & Manual Therapies, 2022, 30, 17.	0.6	2
1264	Management of acute low back pain in emergency departments in SÃ£o Paulo, Brazil: a descriptive, cross-sectional analysis of baseline data from a prospective cohort study. BMJ Open, 2022, 12, e059605.	0.8	3
1265	Patient's perception of exercise for management of chronic low back pain: A qualitative study exercise for the management of low back pain. Musculoskeletal Care, 2022, 20, 848-859.	0.6	2
1267	Models of care for low back pain patients in primary healthcare: a scoping review protocol. BMJ Open, 2022, 12, e053848.	0.8	0
1268	Physiotherapistsâ€™ perceptions of implementing evidence-based practice for patients with low back pain through the Enhanced Transtheoretical Model Intervention: a qualitative study. Physiotherapy Theory and Practice, 2023, 39, 1952-1963.	0.6	3
1269	The effect of low back pain on neuromuscular control in cyclists. Journal of Sports Sciences, 2022, , 1-10.	1.0	1
1270	Effect of m-health-based core stability exercise combined with self-compassion training for patients with non-specific chronic low back pain: study protocol for a randomized controlled trial. Trials, 2022, 23, 265.	0.7	3
1271	At what speed does spinal degeneration gear up?: Aging Paradigm in patients with Low Back Pain. Clinical Neurology and Neurosurgery, 2022, 215, 107187.	0.6	11
1272	Alarmins S100A8/A9 promote intervertebral disc degeneration and inflammation-related pain in a rat model through toll-like receptor-4 and activation of the NF-ÎºB signaling pathway. Osteoarthritis and Cartilage, 2022, 30, 998-1011.	0.6	12
1273	Participatory Ergonomics Intervention to Prevent Work Disability Among Workers with Low Back Pain: A Randomized Clinical Trial in Workplace Setting. Journal of Occupational Rehabilitation, 2022, 32, 731-742.	1.2	6
1275	SPINE20 recommendations 2021: spine care for peopleâ€™s health and prosperity. European Spine Journal, 2022, 31, 1333-1342.	1.0	9
1276	Subcutaneous fat index: a reliable tool for lumbar spine studies. European Radiology, 2022, 32, 6504-6513.	2.3	26
1277	Relationship Between Socioeconomic Status and the Outcome of Lumbar Epidural Steroid Injections for Lumbar Radiculopathy. American Journal of Physical Medicine and Rehabilitation, 2023, 102, 52-57.	0.7	3
1278	Resveratrol Inhibition of the WNT/Î²-Catenin Pathway following Discogenic Low Back Pain. International Journal of Molecular Sciences, 2022, 23, 4092.	1.8	9
1279	Decreasing prevalence of chronic back pain in Catalonia. Analysis of the Catalan Health Survey. Public Health, 2022, 206, 38-45.	1.4	0
1280	Association between central sensitization and gait in chronic low back pain: Insights from a machine learning approach. Computers in Biology and Medicine, 2022, 144, 105329.	3.9	6
1281	Interoception and social cognition in chronic low back pain: a common inference disturbance? An exploratory study. Pain Management, 2022, 12, 471-485.	0.7	3
1282	A biomechanical testing method to assess tissue adhesives for annulus closure. Journal of the Mechanical Behavior of Biomedical Materials, 2022, 129, 105150.	1.5	1

#	Article	IF	Citations
1283	What sociodemographic and work characteristics are associated with musculoskeletal complaints in nursing students? A cross-sectional analysis of repeated measurements. Applied Ergonomics, 2022, 101, 103719.	1.7	3
1284	SIRT1 alleviates IL-1Î² induced nucleus pulposus cells pyroptosis via mitophagy in intervertebral disc degeneration. International Immunopharmacology, 2022, 107, 108671.	1.7	28
1285	â€œI don't want to be a burdenâ€•A qualitative study of the beliefs of women with chronic low back pain in relation to their painful experience. Musculoskeletal Science and Practice, 2022, 59, 102539.	0.6	0
1286	Age- and sex-specific effects of obesity, metabolic syndrome and its components on back pain: The English Longitudinal Study of Ageing. Joint Bone Spine, 2022, 89, 105366.	0.8	6
1287	Effectiveness of Theory-based Educational Intervention on Low Back Pain Preventive Behaviors in Nursing Aid Staff. , 2022, 7, 635-342.		0
1288	Low Back Pain Preventive Intervention in Clinical Workers in Lorestan Hospitals in Iran. , 2021, 6, 588-594.		0
1289	Low Back Pain Intensity and Quality of Life among Patients referred to a Pain Clinic in Iran. , 2021, 6, 595-600.		1
1290	An Integrated Multidisciplinary Rehabilitation Program Experienced by Patients with Chronic Low Back Pain. Clinical Medicine and Research, 2021, 19, 192-202.	0.4	0
1291	Risk factors for low back pain in active military personnel: a systematic review. Chiropractic & Manual Therapies, 2021, 29, 52.	0.6	8
1292	Attitudes and Beliefs of Primary Care Physicians Working in Saudi Arabia Regarding the Management of Low Back Pain: A Cross-Sectional Study. International Journal of General Medicine, 2021, Volume 14, 10225-10233.	0.8	1
1293	Effectiveness of intradiscal platelet rich plasma for discogenic low back pain without Modic changes: A randomized controlled trial. , 2022, 1, 100011.		2
1294	pâ€˜Coumaric acid suppresses reactive oxygen speciesâ€˜induced senescence in nucleus pulposus cells. Experimental and Therapeutic Medicine, 2021, 23, 183.	0.8	10
1295	An ICF-based assessment schedule to facilitate the assessment and reporting of functioning in manual medicine â€“ low back pain as a case in point. Disability and Rehabilitation, 2022, 44, 8339-8348.	0.9	3
1296	The Prevalence and Severity of Sick Leave due to Low Back Disorders among Workers in Slovenia: Analysis of National Data across Gender, Age and Classification of Economic Activities. International Journal of Environmental Research and Public Health, 2022, 19, 131.	1.2	3
1297	Effect of Dry Cupping Therapy on Pain and Functional Disability in Persistent Non-Specific Low Back Pain: A Randomized Controlled Clinical Trial. JAMS Journal of Acupuncture and Meridian Studies, 2021, 14, 219-230.	0.3	4
1300	Psychosocial Predictors of Pain and Disability Outcomes in People with Chronic Low Back Pain Treated Conservatively by Guideline-Based Intervention: A Systematic Review. Journal of Multidisciplinary Healthcare, 2021, Volume 14, 3549-3559.	1.1	13
1301	Models of care for managing non-specific low back pain. The Cochrane Library, 2021, 2021, .	1.5	0
1302	The Definition, Assessment, and Prevalence of (Human Assumed) Central Sensitisation in Patients with Chronic Low Back Pain: A Systematic Review. Journal of Clinical Medicine, 2021, 10, 5931.	1.0	28

#	Article	IF	Citations
1303	Does group-based cognitive therapy improve functional ability, pain, catastrophic thoughts and quality of life in patients with persistent low back pain and psychological risk factors? A randomised controlled trial in a secondary care setting. Clinical Rehabilitation, 2022, 36, 317-330.	1.0	3
1304	Logistics Work, Ergonomics and Social Sustainability: Empirical Musculoskeletal System Strain Assessment in Retail Intralogistics. Logistics, 2021, 5, 89.	2.4	10
1305	Pain knowledge and fear-avoidance beliefs of French osteopathy students and educators towards chronic low back pain: An osteopathic educational institution-based cross-sectional survey. International Journal of Osteopathic Medicine, 2021, 42, 61-68.	0.4	1
1306	Influencia de las comorbilidades en la intensidad del dolor en los pacientes con lumbalgia crÃ³nica. Medicina ClÃnica, 2022, 159, 73-77.	0.3	1
1307	The Role of Diagnostic Injections in Spinal Disorders: A Narrative Review. Diagnostics, 2021, 11, 2311.	1.3	2
1308	Association of Chronic Low Back Pain With Personal Space Regulation. Frontiers in Psychiatry, 2021, 12, 719271.	1.3	4
1309	Reducing the Weight of Spinal Pain in Children and Adolescents. Children, 2021, 8, 1139.	0.6	1
1310	Testing a newly developed activity pacing framework for chronic pain/fatigue: a feasibility study. BMJ Open, 2021, 11, e045398.	0.8	4
1311	The association between pain and central nervous system depressing medication among hospitalised Norwegian older adults. Scandinavian Journal of Pain, 2022, 22, 483-493.	0.5	4
1312	Cost-effectiveness analysis of a chronic back pain multidisciplinary biopsychosocial rehabilitation (MBR) compared to standard care for privately insured in Germany. BMC Health Services Research, 2021, 21, 1362.	0.9	3
1313	Investigating the Causal Relationship Between Physical Activity and Chronic Back Pain: A Bidirectional Two-Sample Mendelian Randomization Study. Frontiers in Genetics, 2021, 12, 758639.	1.1	6
1314	Radiographic and clinical outcomes in one- and two-level transforaminal lumbar interbody fusions: a comparison of bullet versus banana cages. Journal of Neurosurgery: Spine, 2022, 36, 918-927.	0.9	3
1315	Overview of Registered Clinical Trials on Manual Therapy: Possible Implications of Genetic Testing for Personalized Treatment. In Vivo, 2022, 36, 294-305.	0.6	0
1316	Are Changes in Sleep Quality/Quantity or Baseline Sleep Parameters Related to Changes in Clinical Outcomes in Patients With Nonspecific Chronic Low Back Pain?. Clinical Journal of Pain, 2022, 38, 292-307.	0.8	14
1317	Evaluating Auricular Point Acupressure for Chronic Low Back Pain Self-Management Using Technology: A Feasibility Study. Pain Management Nursing, 2022, 23, 301-310.	0.4	7
1318	Intradiscal injection of monosodium iodoacetate induces intervertebral disc degeneration in an experimental rabbit model. Arthritis Research and Therapy, 2021, 23, 297.	1.6	6
1319	Neurophysiological and transcriptomic predictors of chronic low back pain: Study protocol for a longitudinal inception cohort study. Research in Nursing and Health, 2022, 45, 11-22.	0.8	3
1320	Evidence for infection in intervertebral disc degeneration: a systematic review. European Spine Journal, 2022, 31, 414-430.	1.0	11

#	Article	IF	Citations
1321	Informative value of physical provocative tests and treatment-diagnostic blocks for differentiation of iliolumbar ligament syndrome. EksperimentalÊ¹na Ã¬ KlÃ¬nÃ¬Ânа Medicina, 2021, 89, 30-37.	0.0	0
1322	Psychological Approaches for the Integrative Care of Chronic Low Back Pain: A Systematic Review and Metanalysis. International Journal of Environmental Research and Public Health, 2022, 19, 60.	1.2	18
1323	Lower Back Pain as an Occupational Hazard Among Ugandan Health Workers. Frontiers in Public Health, 2021, 9, 761765.	1.3	5
1324	Das zervikale RadikulÃrsyndrom â€“ HintergrÃ¼nde, Diagnostik und Therapie aus funktioneller Sicht. Muskuloskelettale Physiotherapie, 2021, 25, 220-225.	0.0	2
1325	More Than 1 in 3 Patients With Chronic Low Back Pain Continue to Use Opioids Long-term After Spinal Fusion. Clinical Journal of Pain, 2022, 38, 222-230.	0.8	10
1326	Knowledge Mapping Analysis of International Research on Acupuncture for Low Back Pain Using Bibliometrics. Journal of Pain Research, 2021, Volume 14, 3733-3746.	0.8	12
1327	Scheduling, waiting time, absenteeism and repressed demand in outpatient physical therapy care. Fisioterapia Em Movimento, 0, 35, .	0.4	2
1328	Assessment of selected muscles reactivity in the lower spinal segment. Medical Science Pulse, 2022, 15, 51-56.	0.1	0
1329	Multi-scanner and multi-modal lumbar vertebral body and intervertebral disc segmentation database. Scientific Data, 2022, 9, 97.	2.4	6
1330	Central sensitization and adult attention deficit hyperactivity disorder in medical students with chronic back pain: a cross-sectional study. Egyptian Rheumatology and Rehabilitation, 2022, 49, .	0.2	5
1331	The non-explicit observational method is reproducible and valid in the analysis of occupational biomechanical exposure of workers. Work, 2022, , 1-10.	0.6	0
1333	Which psychosocial factors are related to severe pain and functional limitation in patients with low back pain?. Brazilian Journal of Physical Therapy, 2022, 26, 100413.	1.1	5
1334	Influence of the geometric and material properties of lumbar endplate on lumbar interbody fusion failure: a systematic review. Journal of Orthopaedic Surgery and Research, 2022, 17, 224.	0.9	11
1335	First-time Lumbar Medial Branch Radiofrequency Ablation: Patient Reported Outcomes Measurement Information System as a Metric of Outcome. Archives of Physical Medicine and Rehabilitation, 2022, , .	0.5	0
1336	Efficacy of a Lower Back Intensive Rehabilitation Program in Occupational Injury Patients and Characteristics of Care: A Retrospective Cohort Study. Medical Science Monitor, 2022, 28, e936357.	0.5	0
1337	Unsupervised Machine Learning on Motion Capture Data Uncovers Movement Strategies in Low Back Pain. Frontiers in Bioengineering and Biotechnology, 2022, 10, 868684.	2.0	1
1338	Between/within-session reliability of spinal kinematic and lumbar muscle activity measures in patients with chronic low back pain and asymptomatic individuals. Gait and Posture, 2022, 95, 100-108.	0.6	3
1339	Influence of work ability and smoking on the prognosis of long-duration activity-limiting neck/back pain: a cohort study of a Swedish working population. BMJ Open, 2022, 12, e054512.	0.8	2

#	Article	IF	Citations
1340	Silencing ATF3 Might Delay TBHP-Induced Intervertebral Disc Degeneration by Repressing NPC Ferroptosis, Apoptosis, and ECM Degradation. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	13
1341	Grem1 accelerates nucleus pulposus cell apoptosis and intervertebral disc degeneration by inhibiting TGF-Î²-mediated Smad2/3 phosphorylation. Experimental and Molecular Medicine, 2022, 54, 518-530.	3.2	23
1342	Associations between perceived quantitative work demands at different organisational levels and pain and sickness absence in eldercare workers: a multi-level longitudinal analysis. International Archives of Occupational and Environmental Health, 2022, 95, 993-1001.	1.1	2
1343	Association of lumbar disc degeneration with low back pain in middle age in the Northern Finland Birth Cohort 1966. BMC Musculoskeletal Disorders, 2022, 23, 359.	0.8	10
1344	A better comprehension of anatomy and clinical diagnosis to better treat cervical and low back pain after "failed back surgery". Minerva Anestesiologica, 2022, 88, 220-222.	0.6	2
1345	Pain Science in Practice: What Is Pain Neuroscience? Part 2. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 166-168.	1.7	1
1346	Presence of Tumor Necrosis Factor-Alpha in Urine Samples of Patients With Chronic Low Back Pain Undergoing Chiropractic Care: Preliminary Findings From a Prospective Cohort Study. Frontiers in Integrative Neuroscience, 2022, 16, 879083.	1.0	8
1347	Differences in Quantitative Sensory Testing Outcomes Between Patients With Low Back Pain in Primary Care and Pain-free Controls. Clinical Journal of Pain, 2022, 38, 381-387.	0.8	5
1348	COVID-19 Pandemic Increases the Impact of Low Back Pain: A Systematic Review and Metanalysis. International Journal of Environmental Research and Public Health, 2022, 19, 4599.	1.2	29
1349	Relationship between the morphology and composition of the lumbar paraspinal and psoas muscles and lumbar intervertebral motion in chronic lowâ€back pain: An exploratory study. Clinical Anatomy, 2022, 35, 762-772.	1.5	2
1350	Changing concepts in approaches to occupational low back pain. Industrial Health, 2022, , .	0.4	0
1351	Exosomes: A promising therapeutic strategy for intervertebral disc degeneration. Experimental Gerontology, 2022, 163, 111806.	1.2	7
1353	Chronic pain and COVID-19 hospitalisation and mortality: a UK Biobank cohort study. Pain, 2023, 164, 84-90.	2.0	5
1354	Nanoscale Treatment of Intervertebral Disc Degeneration: Mesenchymal Stem Cell Exosome Transplantation. Current Stem Cell Research and Therapy, 2023, 18, 163-173.	0.6	6
1359	A decrease in IL-33 regulates matrix degradation and apoptosis in intervertebral disc degeneration via HIF-1alpha.. American Journal of Translational Research (discontinued), 2021, 13, 12724-12733.	0.0	1
1360	What are the Origins of Chronic Back Pain of "Obscure Origins"? Turning Toward Family and Workplace Social Contexts.. Yale Journal of Biology and Medicine, 2022, 95, 153-163.	0.2	0
1361	SARS-CoV-2 Infection is Associated with Low Back Pain: Findings from a Multicenter Community-Based Case-Control Study. SSRN Electronic Journal, 0, , .	0.4	1
1362	Image Quality Control in Lumbar Spine Radiography Using Enhanced U-Net Neural Networks. Frontiers in Public Health, 2022, 10, 891766.	1.3	0

#	Article	IF	Citations
1363	Evaluation of MyRelief Serious Game for Better Self-Management of Health Behaviour Strategies on Chronic Low-Back Pain. Informatics, 2022, 9, 40.	2.4	5
1364	Applying Semantic Computing for Health Care Professionals: the Timing of Intervention is the Key for Successful Rehabilitation. , 2022, , .		2
1365	Ã‰tude par questionnaire de la connaissance des facteurs de risques psychosociaux et de lâ€™exercice en accÃ¨s direct pour la lombalgie commune chez les masseurs-kinÃ©sithÃ©rapeutes libÃ©raux. Kinesitherapie, 2023, 23, 25-32.	0.0	0
1366	The association between patients' illness perceptions and longitudinal clinical outcome in patients with low back pain. Pain Reports, 2022, 7, e1004.	1.4	4
1367	Postural sway does not differentiate individuals with chronic low back pain, single and multisite chronic musculoskeletal pain, or pain-free controls: a cross-sectional study of 229 subjects. Spine Journal, 2022, 22, 1523-1534.	0.6	5
1368	12 weeks high intensity interval training versus moderate intensity continuous training in chronic low back pain subjects: a randomised single-blinded feasibility study. Archives of Physiotherapy, 2022, 12, 12.	0.7	2
1369	Derivation of clinical prediction rules for identifying patients with non-acute low back pain who respond best to a lumbar stabilization exercise program at post-treatment and six-month follow-up. PLoS ONE, 2022, 17, e0265970.	1.1	3
1370	Advances in the management of fibromyalgia: what is the state of the art?. Expert Opinion on Pharmacotherapy, 2022, 23, 979-989.	0.9	1
1371	Results of an open multicenter non-interventional study of clinical efficacy and tolerability of etoricoxib in osteoarthritis and nonspecific back pain with additional evaluation of the effect of the drug on the Â«centralÂ» manifestations of pain. Sovremennaya Revmatologiya, 2022, 16, 34-42.	0.1	1
1372	A cross-sectional hospital-based study of correlates of disability in patients with chronic low back pain in KwaZulu-Natal, South Africa. BMC Musculoskeletal Disorders, 2022, 23, 438.	0.8	2
1373	Association between Fat Distribution and Chronic Low Back Pain among 10,606 Adults: Data from the Korean National Health and Nutrition Examination Survey. International Journal of Environmental Research and Public Health, 2022, 19, 5599.	1.2	1
1374	Exploring factors influencing chiropractorsâ€™ adherence to radiographic guidelines for low back pain using the Theoretical Domains Framework. Chiropractic & Manual Therapies, 2022, 30, 23.	0.6	1
1375	Acupuncture for Pain and Function in Patients with Nonspecific Low Back Pain: Study Protocol for an Up-to-Date Systematic Review and Meta-Analysis. Journal of Pain Research, 2022, Volume 15, 1379-1387.	0.8	2
1376	Postural control of the trunk in individuals with and without low back pain during unstable sitting: A protocol for a systematic review with an individual participant data meta-analysis. PLoS ONE, 2022, 17, e0268381.	1.1	1
1377	Nonspecific Low Back Pain. New England Journal of Medicine, 2022, 386, 1732-1740.	13.9	67
1378	Cortical function and sensorimotor plasticity are prognostic factors associated with future low back pain after an acute episode: the Understanding persistent Pain Where it ResiDes prospective cohort study. Pain, 2023, 164, 14-26.	2.0	10
1379	The Inflammatory Potential of Diet and Pain Incidence: A Cohort Study in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 267-276.	1.7	1
1380	A prospective study of patients with low back pain attending a Canadian emergency department: Why they came and what happened?. PLoS ONE, 2022, 17, e0268123.	1.1	6

#	Article	IF	Citations
1381	Low Back Pain in Low- and Middle-Income Countries, Part 1: The Problem. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 233-235.	1.7	20
1382	Associations of Lumber Disc Degeneration With Paraspinal Muscles Myosteatosis in Discogenic Low Back Pain. Frontiers in Endocrinology, 2022, 13, .	1.5	7
1383	Learning Curve and Initial Outcomes of Full-Endoscopic Posterior Lumbar Interbody Fusion. Frontiers in Surgery, 2022, 9, 890689.	0.6	7
1384	Bacteria in human lumbar discs â€“ subclinical infection or contamination? Metabolomic evidence for colonization, multiplication, and cell-cell cross-talk of bacteria. Spine Journal, 2023, 23, 163-177.	0.6	4
1385	Does sleep quality modify the relationship between common mental disorders and chronic low back pain in adult women?. Sleep Medicine, 2022, 96, 132-139.	0.8	4
1386	Brain Network Changes in Lumbar Disc Herniation Induced Chronic Nerve Roots Compression Syndromes. Neural Plasticity, 2022, 2022, 1-10.	1.0	3
1387	Consistencia interna, validez convergente, discriminante y de criterio del Start Back Screening Tool en una muestra colombiana. Revista Facultad De Medicina, 2021, 71, e95638.	0.0	0
1388	Beliefs about back pain and associations with clinical outcomes: a primary care cohort study. BMJ Open, 2022, 12, e060084.	0.8	0
1389	Motion sickness decreases low back function and changes gene expression in military aircrew. Clinical Biomechanics, 2022, 96, 105671.	0.5	2
1390	Van-e esÃ©ly az intervertebralis discusok regenerÃ¡ciÃ³jÃ¡ra?. Orvosi Hetilap, 2022, 163, 789-796.	0.1	0
1391	Individual Patient Education for Managing Acute and/or Subacute Low Back Pain: Little Additional Benefit for Pain and Function Compared to Placebo. A Systematic Review With Meta-analysis of Randomized Controlled Trials. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 432-445.	1.7	7
1392	What works when Treating children and adolescents with low back pain?. Journal of Orthopaedic and Sports Physical Therapy, 2022, , 1-18.	1.7	2
1393	Recurrence of an episode of low back pain: an inception cohort study in emergency departments. Journal of Orthopaedic and Sports Physical Therapy, 2022, , 1-24.	1.7	1
1394	Prevalence of back and neck pain in Germany. Results from the BURDEN 2020 Burden of Disease Study.. , 2021, 6, 2-14.		8
1395	Assistance Gaps in Physical Rehabilitation: Spatial Analysis of Physical Therapy Services and Usersâ€™ Households in a Brazilian Capital. Revista Brasileira De Epidemiologia, 0, 25, .	0.3	0
1396	Chromobox homolog 4 overexpression inhibits TNF-α-induced matrix catabolism and senescence by suppressing activation of NF-κB signaling pathway in nucleus pulposus cells. Acta Biochimica Et Biophysica Sinica, 2022, 54, 1021-1029.	0.9	6
1397	The Effect and Safety of Thunder-Fire Moxibustion for Low Back Pain: A Meta-Analysis of Randomized Controlled Trials. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-17.	0.5	2
1398	Muscle strength in Brazilian firefighters with non-specific chronic low back pain: A cross-sectional study. Work, 2022, , 1-8.	0.6	0

#	Article	IF	Citations
1399	Does sedentary behaviour contribute to the development of a new episode of low back pain? A systematic review of prospective cohort studies. European Journal of Pain, 2022, 26, 1412-1423.	1.4	2
1401	SARS-CoV-2 infection is associated with low back pain: findings from a community-based case-control study. International Journal of Infectious Diseases, 2022, 122, 144-151.	1.5	16
1402	Prevalence and Associated Factors of Low Back Pain Among Healthcare Professionals at University of Gondar Comprehensive and Specialized Hospital, Northwest Ethiopia: Cross-Sectional Study. Journal of Pain Research, 0, Volume 15, 1543-1552.	0.8	6
1403	May the midline lumbar interbody fusion (MIDLIF) prevent the early radiographic adjacent segment degeneration? A minimum 3-year follow-up comparative study of MIDLIF in L4/5 with cortical bone trajectory screw versus traditional pedicle screw fixation. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	4
1404	Validation of a Measurement Method for Recording Postural Control in Seated Position in Healthy Individuals. SSRN Electronic Journal, 0, , .	0.4	0
1405	Vazios assistenciais na reabilitÃ§Ã£o fÃsica: anÃ¡lise espacial dos serviÃ§os de fisioterapia e dos domicÃlios dos usuÃ¡rios em uma capital brasileira. Revista Brasileira De Epidemiologia, 0, 25, .	0.3	0
1406	Association of Paraspinal Muscle CSA and PDFF Measurements With Lumbar Intervertebral Disk Degeneration in Patients With Chronic Low Back Pain. Frontiers in Endocrinology, 2022, 13, .	1.5	3
1407	The impact of different intensities and domains of physical activity on analgesic use and activity limitation in people with low back pain: A prospective cohort study with a oneâ€year followup. European Journal of Pain, 2022, 26, 1636-1649.	1.4	4
1408	Patientsâ€™ Perceptions and Outcome Measures after Undergoing the Enhanced Transtheoretical Model Intervention (ETMI) for Chronic Low Back Pain: A Mixed-Method Study. International Journal of Environmental Research and Public Health, 2022, 19, 6106.	1.2	0
1409	Embedded emergency department physical therapy versus usual care for acute low back pain: a protocol for the NEED-PT randomised trial. BMJ Open, 2022, 12, e061283.	0.8	1
1410	Providing physical relief for nurses by collaborative robotics. Scientific Reports, 2022, 12, .	1.6	7
1411	The biopsychosocial model is lost in translation: from misrepresentation to an enactive modernization. Physiotherapy Theory and Practice, 2023, 39, 2273-2288.	0.6	26
1412	Are healthcare providers offering the proper education for people with low back pain? Content analysis of educational materials. Journal of Back and Musculoskeletal Rehabilitation, 2022, , 1-8.	0.4	0
1413	Central sensitization and functioning in patients with chronic low back pain: A cross-sectional and longitudinal study. Journal of Back and Musculoskeletal Rehabilitation, 2022, 35, 1179-1190.	0.4	4
1414	An exploration of low back pain beliefs in a Northern America based general population. Musculoskeletal Science and Practice, 2022, , 102591.	0.6	4
1415	Expansion of FGFR3-positive nucleus pulposus cells plays important roles in postnatal nucleus pulposus growth and regeneration. Stem Cell Research and Therapy, 2022, 13, .	2.4	4
1416	Magnetic resonance imaging findings among young adults with low back pain at Nsambya hospital. BMC Medical Imaging, 2022, 22, .	1.4	0
1417	Take the Day Off: Examining the Sick Role for Chronic Back Pain by Race and Gender. Social Psychology Quarterly, 2022, 85, 300-324.	1.4	1

#	Article	IF	Citations
1418	The Relationship between Attitudes and Beliefs about Sleep, Sleep Disturbance, and Pain Interference in Patients with Spinal Pain. Clinical Journal of Pain, 0, Publish Ahead of Print, .	0.8	4
1419	Nucleus pulposus cell senescence is regulated by substrate stiffness and is alleviated by LOX possibly through the integrin Î²1-p38 MAPK signaling pathway. Experimental Cell Research, 2022, 417, 113230.	1.2	5
1421	Comparative effects of stretching exercises and core stability exercises in patients with chronic non-specific low back pain: A review of randomized clinical trial. Nigerian Journal of Experimental and Clinical Biosciences, 2021, 9, 219.	0.1	0
1423	Improving the Efficacy of an Active Back-Support Exoskeleton for Manual Material Handling Using the Accelerometer Signal. IEEE Robotics and Automation Letters, 2022, 7, 7716-7721.	3.3	8
1425	Modifiable prognostic factors of high costs related to healthcare utilization among older people seeking primary care due to back pain: an identification and replication study. BMC Health Services Research, 2022, 22, .	0.9	4
1426	Two-Step Validation of a New Wireless Inertial Sensor System: Application in the Squat Motion. Technologies, 2022, 10, 72.	3.0	5
1427	Exploring lumbo-pelvic functional behaviour patterns during osteopathic motion tests: A biomechanical (en)active inference approach to movement analysis. International Journal of Osteopathic Medicine, 2022, , .	0.4	1
1428	Data-driven dynamic treatment planning for chronic diseases. European Journal of Operational Research, 2023, 305, 853-867.	3.5	2
1429	Chiropractic Services and Diagnoses for Low Back Pain in 3 U.S. Department of Defense Military Treatment Facilities: A Secondary Analysis of a Pragmatic Clinical Trial. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 690-698.	0.4	1
1430	Low Back Painâ€"A Disease or Condition of Impaired Functional Health? Definition-Inherent Consequences for the Comprehensive Care of Back Pain Patients. BioMed, 2022, 2, 270-281.	0.6	1
1431	Healthcare utilization and related costs among older people seeking primary care due to back pain: findings from the BACE-N cohort study. BMJ Open, 2022, 12, e057778.	0.8	6
1432	Automatic detection and voxelâ€wise mapping of lumbar spine Modic changes with deep learning. JOR Spine, 2022, 5, .	1.5	11
1433	Temporal Grading Index of Functional Network Topology Predicts Pain Perception of Patients With Chronic Back Pain. Frontiers in Neurology, 0, 13, .	1.1	3
1434	Tai Chi Quan Versus Physical Therapy on Pain and Cognitive Performance for Elderly People With Chronic Low Back Pain: Study Protocol for a Randomized Controlled Trial. Frontiers in Aging Neuroscience, 0, 14, .	1.7	2
1435	Long-term effects of rehabilitation and prevention of further chronification of pain among patients with non-specific low back pain. Journal of Back and Musculoskeletal Rehabilitation, 2022, 35, 1257-1268.	0.4	2
1436	Content analysis of the online information available about back pain. Bulletin of Faculty of Physical Therapy, 2022, 27, .	0.2	0
1437	Porcine Functional Spine Unit in orthopedic research, a systematic scoping review of the methodology. Journal of Experimental Orthopaedics, 2022, 9, .	0.8	1
1438	Psychiatric disorders, diagnosed in psychiatric clinics, in patients with back pain: A cohort study. Scandinavian Journal of Public Health, 0, , 140349482211001.	1.2	0

#	Article	IF	Citations
1439	Restorative Neurostimulation: A Clinical Guide for Therapy Adoption. Journal of Pain Research, 0, Volume 15, 1759-1774.	0.8	2
1440	Patientsâ€™ and physiotherapistsâ€™ perspectives on implementing a tailored stratified treatment approach for low back pain in Nigeria: a qualitative study. BMJ Open, 2022, 12, e059736.	0.8	3
1441	Correlation between vital capacity and vertebra body translation during lumbar flexion and extension in adults aged between 60 and 69 years. Journal of Back and Musculoskeletal Rehabilitation, 2022, , 1-7.	0.4	0
1444	Physical functioning outcome measures in the lumbar spinal surgery population and measurement properties of the physical outcome measures: protocol for a systematic review. BMJ Open, 2022, 12, e060950.	0.8	3
1445	The Top 100 Most-Cited Publications in Musculoskeletal Rehabilitation: A Bibliometric Analysis. Indian Journal of Orthopaedics, 0, , .	0.5	0
1446	Quantitative dynamic wearable motion-based metric compared to patient-reported outcomes as indicators of functional recovery after lumbar fusion surgery. Clinical Biomechanics, 2022, 97, 105706.	0.5	5
1447	Where do people acquire their beliefs about low back pain?. International Journal of Osteopathic Medicine, 2022, 45, 38-40.	0.4	1
1448	Cross-Cultural Adaptation and Clinimetric Testing of Functional Rating Index (FRI) Outcome Measure into the Arabic Language. Rehabilitation Research and Practice, 2022, 2022, 1-12.	0.5	2
1449	Genipin-crosslinked fibrin seeded with oxidized alginate microbeads as a novel composite biomaterial strategy for intervertebral disc cell therapy. Biomaterials, 2022, 287, 121641.	5.7	26
1450	Efficacy of lumbar epidural steroid injections for lumbosacral radiculopathy in individuals with obesity: A retrospective comparative study. , 2022, 1, 100109.		0
1451	Assessment of Effectiveness of Usage Complex Manual Therapy in Patients with Lumbar Flexion Dysfunction After Discectomy, in Comparison to Standard Physiotherapy Based on Physical Therapy, Balneotherapy and Sensorimotor Exercises. Acta Balneologica, 2022, 64, 213-219.	0.1	0
1452	Back pain treatment: a new perspective. Therapeutic Advances in Musculoskeletal Disease, 2022, 14, 1759720X2211002.	1.2	11
1453	Chronic musculoskeletal pain in degenerative changes of the spine in young and middle-aged patients. Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova, 2022, 122, 77.	0.1	0
1454	Radiographic Evaluation of Lumbar Intervertebral Disc Height Index: An Intra and Inter-Rater Agreement and Reliability Study. SSRN Electronic Journal, 0, , .	0.4	0
1455	Paraspinal muscles. , 2022, , 339-364.		0
1456	IMMEDIATE ANALGESIC EFFECT OF 4KHZ AMFS INTERFERENTIAL CURRENT ON CHRONIC LOW BACK PAIN. Coluna/ Columna, 2022, 21, .	0.0	1
1457	Integrated effect of yoga and mindfulness meditation on pain, functional disability, and spinal flexibility in computer users with chronic low back pain: A prospective randomized active control trial. Yoga Mimamsa, 2022, 54, 4-11.	0.2	0
1458	Ascorbic acid promotes nucleus pulposus cell regeneration by regulating proliferation during intervertebral disc degeneration. Journal of Nutritional Biochemistry, 2022, 108, 109099.	1.9	8

#	Article	IF	Citations
1459	Perspectives and experiences of physiotherapists and general practitioners in the use of the STarT Back Tool: a review and meta-synthesis. Journal of Primary Health Care, 2022, 14, 164-172.	0.2	2
1460	Mitochondrial Dysfunction in Oxidative Stressâ€Mediated Intervertebral Disc Degeneration. Orthopaedic Surgery, 2022, 14, 1569-1582.	0.7	18
1461	Clinical practice pattern of managing low back pain among physiotherapists in Bangladesh: A cross-sectional study. Physiotherapy Practice and Research, 2022, 43, 275-282.	0.1	3
1462	Comparison of an Iranian Traditional Massage (Fateh Method) with Physiotherapy and Acupuncture for Patients with Chronic Low Back Pain: a Randomized Controlled Trial. JAMS Journal of Acupuncture and Meridian Studies, 2022, 15, 163-173.	0.3	1
1463	Efficacy of the cognitive functional therapy (CFT) in patients with chronic nonspecific low back pain: a study protocol for a randomized sham-controlled trial. Trials, 2022, 23, .	0.7	4
1464	'Myths and facts' education is comparable to â€˜facts onlyâ€™ for recall of back pain information but may improve fear-avoidance beliefs: an embedded randomized trial.. Journal of Orthopaedic and Sports Physical Therapy, 0, , 1-29.	1.7	0
1465	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.	0.8	1
1466	Risk factors for chronization of low back pain syndrome. Russian Neurological Journal, 2022, 27, 54-59.	0.1	1
1467	Relationship of Healthy Building Determinants With Back and Neck Pain: A Systematic Review. American Journal of Health Promotion, 2023, 37, 103-131.	0.9	4
1468	Physiotherapists have some hesitations and unmet needs regarding delivery of exercise programs for low back pain prevention in adults: A qualitative interview study. Musculoskeletal Science and Practice, 2022, , 102630.	0.6	3
1469	Measurement properties and minimal important change of the World Health Organization Disability Assessment Schedule 2.0 in persons with low back pain: A systematic review. Archives of Physical Medicine and Rehabilitation, 2022, , .	0.5	3
1470	Extracellular matrix in intervertebral disc: basic and translational implications. Cell and Tissue Research, 2022, 390, 1-22.	1.5	18
1471	Spinal disorders and mastication: the potential relationship between adolescent idiopathic scoliosis and alterations of the chewing patterns. Orthodontics and Craniofacial Research, 0, , .	1.2	1
1472	Roland-Morris disability questionnaire is bidimensional and has 16 items when applied to community-dwelling older adults with low back pain. Disability and Rehabilitation, 2023, 45, 2526-2532.	0.9	4
1473	The Keele STarT Back Screening Tool Questionnaire: linguistic adaptation of the Russian language version. Meditsinskiy Sovet, 2022, , 42-47.	0.1	0
1475	Influence of comorbidities on pain intensity in patients with chronic low back pain. Medicina ClÃnica (English Edition), 2022, , .	0.1	0
1476	Validation of the international classification of functioning, disability, and health (ICF) core sets for musculoskeletal conditions in a primary health care setting from physiotherapistsâ€™ perspective using the Delphi method. Disability and Rehabilitation, 0, , 1-11.	0.9	3
1477	DANTE Study: The First Randomized, Double-Blind, Placebo and Active-Controlled, Parallel Arm Group Study Evaluating the Analgesic Efficacy and Safety of Dexketoprofen TrometAmol aNd Tramadol Hydrochloride Oral FixEd Dose Combination on Moderate to Severe Acute Pain in Patients with Acute Low Back Painâ€”Rationale and Design. Pain and Therapy, 2022, 11, 1055-1070.	1.5	4

#	Article	IF	Citations
1478	Prospective observational study investigating the predictive validity of the STarTÂBack tool and the clinical effectiveness of stratified care in an emergency department setting. European Spine Journal, 0, , .	1.0	2
1479	Local retention efficacy of steroid-loaded PLGA microspheres in epidural injection. Scientific Reports, 2022, 12, .	1.6	0
1480	User perspectives on systematic data collection regarding back pain managed in general practice â€“ a qualitative study. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	0
1481	Neoepitope fragments as biomarkers for different phenotypes of intervertebral disc degeneration. JOR Spine, 2022, 5, .	1.5	2
1482	Back to the Future: a Report from the 16th International Forum on Back and Neck Pain Research in Primary Care and updated Research Agenda. Spine, 0, Publish Ahead of Print, .	1.0	3
1483	Itâ€™s safe to move! A protocol for a randomised controlled trial investigating the effect of a video designed to increase peopleâ€™s confidence becoming more active despite back pain. BMJ Open, 2022, 12, e063250.	0.8	0
1484	Sleep Quality Predicts Functional Disability in Older Adults with Low Back Pain: A Longitudinal Study. Journal of Applied Gerontology, 2022, 41, 2374-2381.	1.0	3
1486	The Effects of Ambient Temperature on Lumbar Disc Herniation: A Retrospective Study. Frontiers in Medicine, 0, 9, .	1.2	0
1487	TGF-Î²1-supplemented decellularized annulus fibrosus matrix hydrogels promote annulus fibrosus repair. Bioactive Materials, 2023, 19, 581-593.	8.6	26
1488	National Trends in the Expenditure and Utilization of Chiropractic Care in U.S. Children and Adolescents From the 2007-2016 Medical Expenditure Panel Survey: A Cross Sectional Study. Journal of Manipulative and Physiological Therapeutics, 2021, 44, 591-600.	0.4	1
1489	New Hope for Treating Intervertebral Disc Degeneration: Microsphere-Based Delivery System. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	10
1490	Red flags to screen for vertebral fracture in patients presenting with low back pain. The Cochrane Library, 2022, 2022, .	1.5	0
1491	Psychosocial factors associated with disability in patients with non-specific chronic low back pain: A cross-sectional study. Rehabilitacion, 2022, , .	0.2	3
1492	Burden of disease and management of osteoarthritis and chronic low back pain: healthcare utilization and sick leave in Sweden, Norway, Finland and Denmark (BISCUITS): study design and patient characteristics of a real world data study. Scandinavian Journal of Pain, 2023, 23, 126-138.	0.5	7
1493	Magnetic Resonance Imaging Characteristics Associated with Treatment Success from Basivertebral Nerve Ablation: An Aggregated Cohort Study of Multicenter Prospective Clinical Trials Data. Pain Medicine, 2022, 23, S34-S49.	0.9	3
1494	Occupational recovery of Dutch workers with low back pain. Occupational Medicine, 2022, 72, 462-469.	0.8	2
1495	Effect of Motor Control Training on Trunk Muscle Morphometry, Pain, and Disability in People With Chronic Low Back Pain: A Systematic Review and Meta-Analysis. Journal of Manipulative and Physiological Therapeutics, 2022, 45, 202-215.	0.4	3
1496	Influence of a Sacroiliac Belt on Pain and Functional Impairment in Patients With Low Back Pain: A Randomized Trial. Journal of Chiropractic Medicine, 2022, , .	0.3	0

#	Article	IF	Citations
1497	Non-Specific Low Back Pain, Dietary Salt Intake, and Posterior Lumbar Subcutaneous Edema. International Journal of Environmental Research and Public Health, 2022, 19, 9158.	1.2	4
1498	Optimization-based biomechanical lifting models for manual material handling: A comprehensive review. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 0, , 095441192211142.	1.0	3
1499	Low back pain and associated risk factors among medical students in Bangladesh: a cross-sectional study. F1000Research, 0, 10, 698.	0.8	3
1500	Effects of Postural Education Program (PEPE Study) on Daily Habits in Children. Frontiers in Education, 0, 7, .	1.2	0
1501	Irisin Ameliorates Intervertebral Disc Degeneration by Activating LATS/YAP/CTGF Signaling. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	1.9	4
1502	Radiographic evaluation of lumbar intervertebral disc height index: An intra and inter-rater agreement and reliability study. Journal of Clinical Neuroscience, 2022, 103, 153-162.	0.8	6
1503	The John A. Sweaney Lecture: Virtual, September 2021, Given by Dr Michele Maiers. A Time to Lead: Reflections During a Pandemic. Journal of Chiropractic Humanities, 2022, 29, 7-14.	1.4	0
1504	Risk Factors of Musculoskeletal Disorders in Office Workers. The Indonesian Journal of Occupational Safety and Health, 2022, 11, 68-77.	0.2	1
1505	Biopsychosocial factors associated with chronic low back pain-related activity limitations in Burundi. South African Journal of Physiotherapy, 2022, 78, .	0.3	1
1506	Abdominal Adiposity Increases Lordosis and Doubles the Risk of Low Back Pain. Applied Sciences (Switzerland), 2022, 12, 7616.	1.3	1
1507	Tension-type headache and low back pain reconsidered. Frontiers in Neurology, 0, 13, .	1.1	1
1508	Individualized Exercise in Chronic Non-Specific Low Back Pain: A Systematic Review with Meta-Analysis on the Effects of Exercise Alone or in Combination with Psychological Interventions on Pain and Disability. Journal of Pain, 2022, 23, 1856-1873.	0.7	7
1509	The Relationship between Continuity of Care with a Primary Care Physician and Duration of Work Disability for Low Back Pain: A Retrospective Cohort Study. Journal of Occupational and Environmental Medicine, 0, Publish Ahead of Print, .	0.9	2
1510	Exercise-induced FNDC5/irisin protects nucleus pulposus cells against senescence and apoptosis by activating autophagy. Experimental and Molecular Medicine, 2022, 54, 1038-1048.	3.2	19
1511	Severe low back or lower limb pain is associated with recurrent falls among older Australians. European Journal of Pain, 2022, 26, 1923-1937.	1.4	5
1512	Electromyography in muscle activation lumbar region in a comparison between manual therapy and photobiomodulation associated with kinesiotherapy in individuals with low back pain. ABCS Health Sciences, 0, , .	0.3	0
1513	Fear-Avoidance Beliefs, Kinesiophobia, and Disability Risk Among Indians with Spine Pain. Indian Journal of Orthopaedics, 0, , .	0.5	0
1515	The impact of comorbid spinal pain in depression on work participation and clinical remission following brief or short psychotherapy. Secondary analysis of a randomized controlled trial with two-year follow-up. PLoS ONE, 2022, 17, e0273216.	1.1	0

#	Article	IF	Citations
1516	Are Modic changes â€˜Primary infective endplatitisâ€™?â€”insights from multimodal imaging of non-specific low back pain patients and development of a radiological 'Endplate infection probability score'.. European Spine Journal, 2022, 31, 2884-2896.	1.0	4
1517	mHealth Apps for Low Back Pain Self-management: Scoping Review. JMIR MHealth and UHealth, 2022, 10, e39682.	1.8	18
1518	Associations of Central Sensitization-Related Symptoms with Low Back Pain-Related Factors and Work Status in Caregivers. International Journal of Environmental Research and Public Health, 2022, 19, 10135.	1.2	0
1519	Reducing the burden of low back pain: results from a new microsimulation model. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	0
1520	Effects of an Intensive 6-Week Rehabilitation Program with the HUBER Platform in the Treatment of Non-Specific Chronic Low Back Pain: A Pilot Study. Clinics and Practice, 2022, 12, 609-618.	0.6	1
1521	Prevalence and risk factors of chronic low back pain in university athletes: a cross-sectional study. Physician and Sportsmedicine, 2023, 51, 361-370.	1.0	3
1522	The Japan Frailty Scale is a promising screening test for frailty and pre-frailty in Japanese elderly people. Gene, 2022, 844, 146775.	1.0	6
1523	Time Trends in the Incidence of Spinal Pain in China, 1990 to 2019 and Its Prediction to 2030: The Global Burden of Disease Study 2019. Pain and Therapy, 2022, 11, 1245-1266.	1.5	7
1524	Biomarker of Urinary Malondialdehyde and Tumor Necrosis Factor-Alpha with Pain Progress in a Patient with Low Back Pain. , 2022, 2, .		1
1525	The Origin, Application and Mechanism of Therapeutic Climbing: A Narrative Review. International Journal of Environmental Research and Public Health, 2022, 19, 9696.	1.2	5
1526	Summarizing the effects of different exercise types in chronic low back pain â€“ a systematic review of systematic reviews. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	12
1527	Effect of Graded Sensorimotor Retraining on Pain Intensity in Patients With Chronic Low Back Pain. JAMA - Journal of the American Medical Association, 2022, 328, 430.	3.8	31
1528	rTMS Pain Reduction Effectiveness in Non-specific Chronic Low Back Pain Patients using rs-fMRI Functional Connectivity. Journal of Medical and Biological Engineering, 2022, 42, 647-657.	1.0	1
1529	Implementing a new physiotherapist-led primary care model for low back pain: a qualitative study of patient and primary care team perspectives. , 2022, 23, .		4
1530	Psoralidin Induced Differentiation from Adipose-derived Stem Cells to Nucleus Pulposus-like Cells by TGF-Î²/Smad Signaling. Current Molecular Medicine, 2022, 22, .	0.6	4
1531	Biopsychosocial Factors for Chronicity in Individuals with Non-Specific Low Back Pain: An Umbrella Review. International Journal of Environmental Research and Public Health, 2022, 19, 10145.	1.2	10
1532	Prevalence and risk factors analysis for low back pain among occupational groups in key industries of China. BMC Public Health, 2022, 22, .	1.2	10
1533	The Role of Exercise in Treating Low Back Pain. Current Sports Medicine Reports, 2022, 21, 267-271.	0.5	6

#	Article	IF	Citations
1535	Association Between Low Back Pain, Workaholism, and Work Engagement in Japanese Hospital Workers. Journal of Occupational and Environmental Medicine, 2022, 64, 994-1000.	0.9	0
1536	From protection to nonâ€protection: A mixed methods study investigating movement, posture and recovery from disabling low back pain. European Journal of Pain, 2022, 26, 2097-2119.	1.4	6
1537	Effect of exercise intervention on social distance in middle-aged and elderly patients with chronic low back pain. Frontiers in Aging Neuroscience, 0, 14, .	1.7	1
1538	Prevalence of low back pain in India: A systematic review and meta-analysis. Work, 2022, 73, 429-452.	0.6	6
1539	Single-Level Anterior Lumbar Interbody Fusion versus Minimally Invasive Transforaminal Lumbar Interbody Fusion at L5/S1 for an Obese Population. Asian Spine Journal, 2023, 17, 293-303.	0.8	3
1540	Dual Energy Computed Tomography Collagen Material Decomposition for Detection of Lumbar Spine Disc Extrusion and Sequestration: A Comparative Study With Greyscale Computed Tomography. Canadian Association of Radiologists Journal, 2023, 74, 110-118.	1.1	2
1541	Characterization of the procedures and professional practices of primary care physiotherapists in Brazil. Work, 2022, 73, 547-557.	0.6	1
1543	Low Back Pain among Students of Medical University of Tunis. Current Rheumatology Reviews, 2022, 18, .	0.4	1
1544	Role of Caspase Family in Intervertebral Disc Degeneration and Its Therapeutic Prospects. Biomolecules, 2022, 12, 1074.	1.8	10
1545	The epidemiology of back injuries in elite Gaelic football athletes: An 8-year prospective study. Physical Therapy in Sport, 2022, 57, 105-111.	0.8	0
1546	Interventions for promoting evidence-based guideline-consistent surgery in low back pain: a systematic review and meta-analysis of randomised controlled trials. European Spine Journal, 0, , .	1.0	0
1547	Effects of Fluid Shear Stress on Human Intervertebral Disc Nucleus Pulposus Cells Based on Label-Free Quantitative Proteomics. Disease Markers, 2022, 2022, 1-9.	0.6	1
1548	Dietary Vitamin D Intake, Pain Incidence, and Pain Changes in Older Adults: The Seniors-ENRICA-1 Cohort. Nutrients, 2022, 14, 3776.	1.7	0
1549	Almost one in five physiotherapy trials excluded people due to lack of language proficiency: A meta-epidemiological study. Journal of Clinical Epidemiology, 2022, 152, 13-22.	2.4	3
1550	Musculoskeletal health complaints: A growing concern that should be investigated elaborately in Bangladesh. Annals of Medicine and Surgery, 2022, 82, .	0.5	3
1551	Correlation between serum angiotensin-converting enzyme (ACE) levels and intervertebral disc degeneration. Peptides, 2022, 157, 170867.	1.2	0
1552	Physical activity supported by mobile technology program (PAT-Back) for older adults with back pain at primary care: a feasibility study protocol. Motriz Revista De Educacao Fisica, 0, 28, .	0.3	0
1553	Feature Identification Framework for Back Injury Risk in Repetitive Work With Application in Sheep Shearing. IEEE Transactions on Biomedical Engineering, 2023, 70, 616-627.	2.5	2

#	Article	IF	Citations
1554	Neuroimaging for surgical treatment planning of neoplastic disease of the spine. , 2022, , 871-891.		0
1555	Progress in Treatment of Lumbar Disc Herniation with Traditional Chinese and Western Medicine. Traditional Chinese Medicine, 2022, 11, 813-818.	0.1	1
1556	The Potential Role of Cytokines in Diabetic Intervertebral Disc Degeneration. , 2022, 13, 1323.		8
1557	THE EFFECT OF PILATES EXERCISES ON MUSCLE ELECTRICAL ACTIVATION IN ADULTS WITH CHRONIC LOW BACK PAIN: A SYSTEMATIC REVIEW. Coluna/ Columna, 2022, 21, .	0.0	1
1558	Ergonomic Risk, Muscle Tension, Lactic Acid, and Work Performance on Transport Workers at Fish Auction. Media Kesehatan Masyarakat Indonesia, 2022, 18, 50-56.	0.2	0
1559	Comparison Of The Effectiveness Of Back School Exercises And Mckenzie Exercises In The Treatment Of Chronic Low Back Pain; A Randomized Controlled Trialâ€RCT. Pakistan Biomedical Journal, 0, , 112-116.	0.0	0
1560	Injectable and tissue adhesive EGCG-laden hyaluronic acid hydrogel depot for treating oxidative stress and inflammation. Carbohydrate Polymers, 2023, 299, 120180.	5.1	27
1561	Common Errors in Spinal Impairment Rating: AMA Guides, Sixth Edition, Definitions of Radiculopathy vs Nonverifiable Radicular Complaints. AMA Guides Newsletter, 2022, 27, 1-17.	0.3	1
1562	Hydrogel-Embedded Poly(Lactic-co-Glycolic Acid) Microspheres for the Delivery of hMSC-Derived Exosomes to Promote Bioactive Annulus Fibrosus Repair. Cartilage, 2022, 13, 194760352211139.	1.4	14
1563	The Clinical Significance of the Modic Changes Grading Score. Global Spine Journal, 2024, 14, 796-803.	1.2	7
1564	Effects of the Abduction Resistance of the Hip Joint during Bridge Exercise in P atients with C hronic B ack Pain: A Cross-O ver Study. Journal of the Korean Society of Physical Medicine, 2022, 17, 1-10.	0.1	0
1565	The Relationship Between Pain-Related Psychological Factors and Maximal Physical Performance in Low Back Pain: A Systematic Review and Meta-Analysis. Journal of Pain, 2022, 23, 2036-2051.	0.7	5
1566	Estimating individualized treatment effects using a risk-modeling approach: an application to epidural steroid injections for lumbar spinal stenosis. Pain, 2023, 164, 811-819.	2.0	2
1567	Quality of Life and Mental Distress in Patients with Chronic Low Back Pain: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2022, 19, 10657.	1.2	6
1568	â€œBel AÄŸrÄ±sÄ±â€•ile Ä°lgili TÃ¼rkÃ§e Ä°nternet KaynaklÄ± Hasta EÄŸitim Materyallerinin Okunabilirliklerinin DeÄŸerlendirilmesi. , 2022, 36, 135-150.		2
1569	The Use of Cannabidiol in Patients With Low Back Pain Caused by Lumbar Spinal Stenosis: An Observational Study. Cureus, 2022, , .	0.2	0
1570	Systemic immune-inflammation index and bone mineral density in postmenopausal women: A cross-sectional study of the national health and nutrition examination survey (NHANES) 2007-2018. Frontiers in Immunology, 0, 13, .	2.2	44
1572	Association between chronic low back pain and regular exercise, sedentary behaviour and mental health before and during COVID-19 pandemic: insights from a large-scale cross-sectional study in Germany. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	5

#	Article	IF	Citations
1573	The Association between Early Opioids Prescribing and the Length of Disability in Acute Lower Back Pain: A Systematic Review and Narrative Synthesis. International Journal of Environmental Research and Public Health, 2022, 19, 12114.	1.2	1
1574	Duration of Education and Back Pain: Lessons From English Schooling Reforms. American Journal of Epidemiology, 2023, 192, 195-204.	1.6	3
1575	MRI grading of spinal stenosis is not associated with the severity of low back pain in patients with lumbar spinal stenosis. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	5
1576	Effect of Irisin on Human Nucleus Pulposus Cells: New Insights into the Biological Cross-talk Between Muscle and Intervertebral Disk. Spine, 2023, 48, 468-475.	1.0	6
1577	Low back pain in the Bangladeshi adult population: a cross-sectional national survey. BMJ Open, 2022, 12, e059192.	0.8	4
1578	The effectiveness of low-dosed outpatient biopsychosocial interventions compared to active physical interventions on pain and disability in adults with nonspecific chronic low back pain: A protocol for a systematic review with meta-analysis. PLoS ONE, 2022, 17, e0273983.	1.1	1
1579	Changes in Body Mass Index on the Risk of Back Pain: Estimating the Impacts of Weight Gain and Loss. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2023, 78, 973-979.	1.7	8
1580	Smoking, alcohol and coffee consumption and risk of low back pain: a Mendelian randomization study. European Spine Journal, 2022, 31, 2913-2919.	1.0	8
1581	Differences in spinal posture and mobility between children/adolescents with obesity and age-matched normal-weight individuals. Scientific Reports, 2022, 12, .	1.6	5
1582	Sulphurous Crenotherapy Is Effective at Reducing Pain and Disability in Overweight/Obese Patients Affected by Chronic Low Back Pain from Spine Osteoarthritis. Healthcare (Switzerland), 2022, 10, 1800.	1.0	2
1583	Patientsâ€™ self-reported medical care for low back pain: a nationwide population-based study. BMJ Open, 2022, 12, e060966.	0.8	1
1584	Effect of species, concentration and volume of local anesthetics on intervertebral disk degeneration in rats with discoblock. European Spine Journal, 0, , .	1.0	2
1585	miR-4478 Accelerates Nucleus Pulposus Cells Apoptosis Induced by Oxidative Stress by Targeting MTH1. Spine, 2023, 48, E54-E69.	1.0	7
1587	Association between spinal disorders and different domains of physical activity among young adult men. Frontiers in Sports and Active Living, 0, 4, .	0.9	0
1588	Development of a Novel Inflammatory-Associated Gene Signature and Immune Infiltration Patterns in Intervertebral Disc Degeneration. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-19.	1.9	14
1589	Neuroendocrine effects of a single bout of functional and core stabilization training in women with chronic nonspecific low back pain: A crossover study. Physiological Reports, 2022, 10, .	0.7	0
1590	Regenerative Medicine: Pharmacological Considerations and Clinical Role in Pain Management. Current Pain and Headache Reports, 2022, 26, 751-765.	1.3	5
1591	Effectiveness of Manual Therapy on Pain, Disability, and Quality of Life for Elderly with Chronic Low Back Pain. Environment-Behaviour Proceedings Journal, 2022, 7, 195-200.	0.1	0

#	Article	IF	Citations
1592	Exercise training and depression and anxiety in musculoskeletal pain patients: aÂmeta-analysis of randomized control trials. Neuropsychiatrie, 2023, 37, 88-100.	1.3	4
1593	Disability Among Persons With Chronic Severe Back Pain: Results From a Nationally Representative Population-based Sample. Journal of Pain, 2022, 23, 2144-2154.	0.7	4
1594	Magnetic Resonance Imaging of the Lumbar Spine: Recommendations for Acquisition and Image Evaluation from the BACPAC Spine Imaging Working Group. Pain Medicine, 2023, 24, S81-S94.	0.9	2
1595	Pre-rehabilitation scores of functioning measured using the World Health Organization Disability Assessment Schedule in persons with nonspecific low back pain: a scoping review. International Journal of Rehabilitation Research, 0, Publish Ahead of Print, .	0.7	1
1596	Prevalence of Low Back Pain and Associated Risk Factors among Saudi Arabian Adolescents: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2022, 19, 11217.	1.2	0
1599	The Potential Relationship Between a Cognitive Dissonance State and Musculoskeletal Injury: A Systematic Review. Human Factors, 2024, 66, 1152-1169.	2.1	1
1600	Rationale for fluoroscopic guidance in spine injections. Skeletal Radiology, 0, , .	1.2	0
1601	Dihydroartemisinin Attenuated Intervertebral Disc Degeneration via Inhibiting PI3K/AKT and NF-Î°B Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	1.9	4
1602	Comparative metagenomic analysis of human intervertebral disc nucleus pulposus and cartilaginous end plates. Frontiers in Cardiovascular Medicine, 0, 9, .	1.1	6
1603	Real-World Evidence for Restorative Neurostimulation in Chronic Low Back Painâ€"a Consecutive Cohort Study. World Neurosurgery, 2022, 168, e253-e259.	0.7	1
1604	The Effect of the Severity of Preoperative Leg Pain on Patient-Reported Outcomes, Minimum Clinically Important Difference Achievement, and Patient Satisfaction After Minimally Invasive Transforaminal Lumbar Interbody Fusion. World Neurosurgery, 2022, 167, e1196-e1207.	0.7	2
1605	Mindfulness-Based Stress Reduction, Cognitive Behavioral Therapy, and Acupuncture in Chronic Low Back Pain: Protocol for Two Linked Randomized Controlled Trials. JMIR Research Protocols, 2022, 11, e37823.	0.5	1
1607	Postoperative Physical Therapy Program Focused on Low Back Pain Can Improve Treatment Satisfaction after Minimally Invasive Lumbar Decompression. Journal of Clinical Medicine, 2022, 11, 5566.	1.0	2
1609	The Mediating Effects of Social Support on the Relationship between Uncertainty and Quality of Life among Patients with Chronic Low Back Pain: A Cross-Sectional Survey. Healthcare (Switzerland), 2022, 10, 1805.	1.0	1
1610	Effect of Nonsurgical Spinal Decompression on Intensity of Pain and Herniated Disc Volume in Subacute Lumbar Herniated Disc. International Journal of Clinical Practice, 2022, 2022, 1-9.	0.8	2
1611	The factor of outstanding acceleration in the operation of vehicles. Gigiena I Sanitariia, 2022, 101, 910-914.	0.1	0
1612	Exosomes and exosomal miRNAs: A new therapy for intervertebral disc degeneration. Frontiers in Pharmacology, 0, 13, .	1.6	8
1613	Can a workplace dialogue impact the perceived influence of neck and/or backpain on everyday activities and performance at work? A secondary analysis from the randomized controlled trial WorkUp. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	0

#	Article	IF	Citations
1614	Why do patients with low back pain seek care at emergency department? A cross-sectional study. Brazilian Journal of Physical Therapy, 2022, 26, 100444.	1.1	2
1615	Nightmare disorder and low back pain in veterans: cross-sectional association and effect over time. SLEEP Advances, 2022, 3, .	0.1	1
1617	Perimyocarditis presenting as thoracic spinal pain in a physiotherapy outpatient clinic â€“ a case report. European Journal of Physiotherapy, 0, , 1-5.	0.7	1
1618	An Early Biopsychosocial Intervention Design for the Prevention of Low Back Pain Chronicity: A Multidisciplinary Empirical Approach. Journal of Rehabilitation Medicine, 0, 54, jrm00338.	0.8	4
1619	Nâ€acetylcysteine attenuates oxidative stressâ€mediated cell viability loss induced by dimethyl sulfoxide in cryopreservation of human nucleus pulposus cells: A potential solution for mass production. JOR Spine, 2022, 5, .	1.5	5
1621	The distinctive role of menthol in pain and analgesia: Mechanisms, practices, and advances. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	7
1622	Public and patient perceptions of diagnostic labels for non-specific low back pain: a content analysis. European Spine Journal, 2022, 31, 3627-3639.	1.0	9
1623	Lumbar multifidus thickness changes during active leg raising with ultrasound imaging can detect patients with chronic non-specific low back pain. Musculoskeletal Science and Practice, 2022, , 102670.	0.6	1
1624	One size does not fit all: Participantsâ€™ experiences of the selfBACK app to support self-management of low back painâ€”a qualitative interview study. Chiropractic & Manual Therapies, 2022, 30, .	0.6	4
1625	The ubiquity of uncertainty in low back pain care. Social Science and Medicine, 2022, 313, 115422.	1.8	6
1626	The functional lumbar index: Validation of a novel clinical assessment tool for individuals with low back pain. Musculoskeletal Science and Practice, 2022, 62, 102666.	0.6	0
1627	Linking fMRI, Pain, and Addictions. , 2022, , 577-607.		0
1628	Dor crÃ´nica na coluna entre adultos brasileiros: dados da Pesquisa Nacional de SaÃºde 2019. Revista Brasileira De Epidemiologia, 0, 25, .	0.3	1
1629	A Model to Implement Standardized Virtual Care for Low Back Pain Amongst a Large Network of Providers in Urban and Rural Settings. Journal of Primary Care and Community Health, 2022, 13, 215013192211306.	1.0	2
1630	Chronic back pain among Brazilian adults: data from the 2019 National Health Survey. Revista Brasileira De Epidemiologia, 0, 25, .	0.3	0
1631	Chondroitin sulfate-based composites: a tour dâ€™horizon of their biomedical applications. Journal of Materials Chemistry B, 2022, 10, 9125-9178.	2.9	13
1632	Improving the Efficacy of an Active Back-Support Exoskeleton for Manual Material Handling Using the Accelerometer Signal. , 2022, , .		0
1633	Effectiveness of Dry Needling and Ischemic Trigger Point Compression in the Gluteus Medius in Patients with Non-Specific Low Back Pain: A Randomized Short-Term Clinical Trial. International Journal of Environmental Research and Public Health, 2022, 19, 12468.	1.2	2

#	Article	IF	Citations
1636	EstratificaÃ§Ã£o do perfil hipertensivo de pacientes atendidos na clÃnica escola de fisioterapia da Universidade de Gurupi. Research, Society and Development, 2022, 11, e376111436539.	0.0	0
1637	Health-related quality of life among spondyloarthritis and chronic low back pain patients: results from a nationwide population-based survey. Quality of Life Research, 0, , .	1.5	2
1639	Predictors for physical activity and its change after active physical therapy in people with spinal pain and insomnia: Secondary analysis of a randomized controlled trial. Brazilian Journal of Physical Therapy, 2022, 26, 100456.	1.1	1
1640	Intradiscal Autologous Platelet-Rich Plasma Injection for Discogenic Low Back Pain: A Clinical Trial. BioMed Research International, 2022, 2022, 1-9.	0.9	10
1641	Primary Investigation of Low Back Pain among Saudi Arabians: A Cross-Sectional Study. International Journal of Environmental Research and Public Health, 2022, 19, 12854.	1.2	0
1643	Positive lifestyle behaviours and emotional health factors are associated with low back pain resilience. European Spine Journal, 2022, 31, 3616-3626.	1.0	2
1644	Sensor-based intervention to enhance movement control of the spine in low back pain: Protocol for a quasi-randomized controlled trial. Frontiers in Sports and Active Living, 0, 4, .	0.9	1
1645	Effectiveness of a Group-Based Rehabilitation Program Combining Education with Multimodal Exercises in the Treatment of Patients with Nonspecific Chronic Low Back Pain: A Retrospective Uncontrolled Study. Biology, 2022, 11, 1508.	1.3	4
1646	Non-invasive brain neuromodulation techniques for chronic low back pain. Frontiers in Molecular Neuroscience, 0, 15, .	1.4	3
1647	Concurrent validity of DorsaVi wireless motion sensor system Version 6 and the Vicon motion analysis system during lifting. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	4
1648	Chronic back pain from rheumatologist point of view. Sovremennaya Revmatologiya, 2022, 16, 94-100.	0.1	1
1649	The importance of setting and therapeutic relationships when delivering chiropractic care to those living with disadvantage. Chiropractic & Manual Therapies, 2022, 30, .	0.6	0
1650	Iontoforese e fonoforese no tratamento da dor lombar: um ensaio clÃnico comparativo. Fisioterapia Brasil, 2022, 23, 672-689.	0.1	0
1651	The Effect of an App-Based Home Exercise Program on Self-reported Pain Intensity in Unspecific and Degenerative Back Pain: Pragmatic Open-label Randomized Controlled Trial. Journal of Medical Internet Research, 2022, 24, e41899.	2.1	14
1653	Reciprocity in Low Back Pain Care and Its Role in Power Dynamics: A Give-and-Take Approach. Physical Therapy, 2022, 103, .	1.1	2
1654	Identification of differentially expressed genes in mouse paraspinal muscle in response to microgravity. Frontiers in Endocrinology, 0, 13, .	1.5	1
1655	Dry immersion induced acute low back pain and its relationship with trunk myofascial viscoelastic changes. Frontiers in Physiology, 0, 13, .	1.3	4
1656	Engeletin Alleviates the Inflammation and Apoptosis in Intervertebral Disc Degeneration via Inhibiting the NF-Î°B and MAPK Pathways. Journal of Inflammation Research, 0, Volume 15, 5767-5783.	1.6	10

#	Article	IF	Citations
1657	Deep Learning for Multi-Tissue Segmentation and Fully Automatic Personalized Biomechanical Models from BACPAC Clinical Lumbar Spine MRI. Pain Medicine, 2023, 24, S139-S148.	0.9	4
1658	A cross-sectional study to validate an administrative back pain severity classification tool based on the graded chronic pain scale. Scientific Reports, 2022, 12, .	1.6	0
1659	miR-31 from Mesenchymal Stem Cell-Derived Extracellular Vesicles Alleviates Intervertebral Disc Degeneration by Inhibiting NFAT5 and Upregulating the Wnt/Î²-Catenin Pathway. Stem Cells International, 2022, 2022, 1-16.	1.2	7
1660	ISASS Policy Statement 2022: Literature Review of Intraosseous Basivertebral Nerve Ablation. International Journal of Spine Surgery, 2022, 16, 1084-1094.	0.7	2
1661	Emotional disorders and their therapy in chronic low back pain. Nevrologiya, Neiropsikhiatriya, Psikhosomatika, 2022, 14, 90-95.	0.2	2
1662	The economic burden of low back pain in KwaZulu-Natal, South Africa: A prevalence-based cost-of-illness analysis from the healthcare providerâ€™s perspective. PLoS ONE, 2022, 17, e0263204.	1.1	6
1663	Is Exercise Beneficial in Patients with Low Back Pain? - A Cochrane Review Summary with Commentary. Journal of Rehabilitation Medicine, 0, 54, jrm00341.	0.8	0
1664	Potential mechanisms underlying the accelerated cognitive decline in people with chronic low back pain: A scoping review. Ageing Research Reviews, 2022, 82, 101767.	5.0	7
1665	Providing information at the initial consultation to patients with low back pain across general practice, chiropractic and physiotherapy â€“ a cross-sectorial study of Danish primary care. Scandinavian Journal of Primary Health Care, 0, , 1-9.	0.6	3
1666	Sensory substitution for orthopaedic gait rehabilitation: A systematic review and meta-analysis for clinical practice guideline development. Heliyon, 2022, 8, e10986.	1.4	1
1667	The Fit-for-Purpose Model: Conceptualizing and Managing Chronic Nonspecific Low Back Pain as an Information Problem. Physical Therapy, 2023, 103, .	1.1	6
1668	A Systematic Review and Meta-Analysis Protocol on How Best to Use Non-Pharmacologic Therapies to Manage Chronic Low Back Pain and Associated Depression. Journal of Pain Research, 0, Volume 15, 3509-3521.	0.8	0
1669	Genomic G-quadruplex folding triggers a cytokine-mediated inflammatory feedback loop to aggravate inflammatory diseases. IScience, 2022, 25, 105312.	1.9	4
1670	Differences in pain, disability, and psychological function in low back pain patients with and without anxiety. Frontiers in Physiology, 0, 13, .	1.3	0
1671	Limited evidence of altered gait parameters in people with chronic nonspecific low back pain. Gait and Posture, 2023, 99, 98-103.	0.6	1
1672	The slow deâ€implementation of nonâ€evidenceâ€based treatments in low back pain hospital careâ€”Trends in treatments using Dutch hospital register data from 1991 to 2018. European Journal of Pain, 2023, 27, 212-222.	1.4	7
1673	Self-management behaviour after a physiotherapist guided blended self-management intervention in patients with chronic low back pain: A qualitative study. Musculoskeletal Science and Practice, 2022, 62, 102675.	0.6	1
1674	Effectiveness of Local Cryotherapy Treatment with the Use of Carbon Dioxide and Liquid Nitrogen Among Patients with Low Back Pain Syndrome. Rehabilitacja Medyczna, 2022, 26, .	0.2	0

#	Article	IF	Citations
1675	Core Synergies Measured with Ultrasound in Subjects with Chronic Non-Specific Low Back Pain and Healthy Subjects: A Systematic Review. Sensors, 2022, 22, 8684.	2.1	3
1676	The role of mitochondrial fission in intervertebral disc degeneration. Osteoarthritis and Cartilage, 2023, 31, 158-166.	0.6	6
1677	Chronic low back pain: a prospective study with 4 to 15Âyears follow-up after a multidisciplinary biopsychosocial rehabilitation program. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	3
1678	Regulated cell death: Implications for intervertebral disc degeneration and therapy. Journal of Orthopaedic Translation, 2022, 37, 163-172.	1.9	10
1679	Patient experiences of referral practices and primary care physiotherapy for chronic nonspecific low back pain. Physiotherapy Theory and Practice, 0, , 1-17.	0.6	3
1680	Effect of Acupressure on Low Back Pain Intensity and Depression in Patients with Chronic Nonspecific Low Back Pain. Jundishapur Journal of Chronic Disease Care, 2022, 11, .	0.1	0
1681	Application of single and cooperative different delivery systems for the treatment of intervertebral disc degeneration. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	2
1682	Biomechanical effects of cement discoplasty on the lumbar spinal unit. Frontiers in Surgery, 0, 9, .	0.6	1
1683	The effect of mindfulness on the inflammatory, psychological and biomechanical domains of adult patients with low back pain: A randomized controlled clinical trial. PLoS ONE, 2022, 17, e0276734.	1.1	2
1685	Association of non-chronic low back pain with physical function, endurance, fatigability, and quality of life in middle- and older-aged adults: Findings from Baltimore Longitudinal Study of Aging. PLoS ONE, 2022, 17, e0277083.	1.1	1
1686	Comparison of supervised exercise therapy with or without biopsychosocial approach for chronic nonspecific low back pain: a randomized controlled trial. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	2
1687	Subjective assessment of a lumbar exoskeleton's impact on lower back pain in a real work situation. Heliyon, 2022, 8, e11420.	1.4	2
1688	Low back pain does not predict unemployment in a U.S. refugee population: A retrospective cohort study. North American Spine Society Journal (NASSJ), 2022, 12, 100181.	0.3	0
1690	Peptideâ€functionalized double network hydrogel with compressible shape memory effect for intervertebral disc regeneration. Bioengineering and Translational Medicine, 2023, 8, .	3.9	6
1691	Effects of pharmacotherapy on sleep-related outcomes in adults with chronic low back pain: a systematic review and meta-analysis of randomised controlled trials. EClinicalMedicine, 2023, 55, 101749.	3.2	0
1692	Silk fibroin-based biomaterials for disc tissue engineering. Biomaterials Science, 2023, 11, 749-776.	2.6	3
1693	Biomechanical factors associated with non-specific low back pain in adults: A systematic review. Physical Therapy in Sport, 2023, 59, 60-72.	0.8	2
1694	Single-cell RNA sequencing reveals resident progenitor and vascularization-associated cell subpopulations in rat annulus fibrosus. Journal of Orthopaedic Translation, 2023, 38, 256-267.	1.9	4

#	Article	IF	Citations
1695	Platelet-derived extracellular vesicles ameliorate intervertebral disc degeneration by alleviating mitochondrial dysfunction. Materials Today Bio, 2023, 18, 100512.	2.6	10
1696	Prevalence of spinal pain in a population of Bosnia and Herzegovina. AIMS Public Health, 2022, 9, 790-804.	1.1	0
1697	Gambaran posisi tubuh dengan kejadian low back pain pada pemain sepeda road bike di Jakarta. , 2022, 4, 23-29.		0
1698	Upper and lower musculoskeletal back pain, stress, physical activity, and organisational work support: An exploratory study of police investigative interviewers. Health Psychology Open, 2022, 9, 205510292211463.	0.7	1
1699	Measurement Properties of the Simplified Chinese Version of the Lumbar Spine Instability Questionnaire for Patients With Low Back Pain in Mainland China. Spine, 2023, 48, E14-E19.	1.0	1
1700	Dor lombar em estudantes universitÃ¡rios: qual o impacto da pandemia de COVID-19?. Fisioterapia E Pesquisa, 2022, 29, 284-290.	0.3	0
1701	Low back pain in university students: what is the impact of COVID-19 pandemic?. Fisioterapia E Pesquisa, 2022, 29, 284-290.	0.3	1
1702	Patterns of patient outcomes following specialist pain management in Australasia: a latent class analysis using the electronic Persistent Pain Outcomes Collaboration database. Pain, 2022, Publish Ahead of Print, .	2.0	1
1703	Manajemen Edukasi Terhadap Pencegahan Low Back Pain (LBP) pada Ikatan Keluarga Madrasah Raudatul Ulum Surakarta. , 2022, 1, 149-154.		0
1704	Active Duty Service Members Newly Presenting With Low Back Pain in Fiscal Year 2017: Health Care Utilization, Access to Care, and Private Sector Costs Over 2-year Follow-up. Military Medicine, 0, , .	0.4	0
1705	The Lost Art of Spinal Physical Examination. AMA Guides Newsletter, 2022, 27, 1-15.	0.3	0
1706	Controversies in spine research: Organ culture versus in vivo models for studies of the intervertebral disc. JOR Spine, 2022, 5, .	1.5	4
1707	Association between recent overdose and chronic pain among individuals in treatment for opioid use disorder. PLoS ONE, 2022, 17, e0271379.	1.1	3
1708	No associations between C-reactive protein and spinal pain trajectories in children and adolescents (CHAMPS study-DK). Scientific Reports, 2022, 12, .	1.6	0
1709	Modic Changes of the Cervical and Lumbar Spine and Their Effect on Neck and Back Pain: A Systematic Review and Meta-Analysis. Global Spine Journal, 2023, 13, 1405-1417.	1.2	4
1710	Thoughts and concerns of patients at hospital discharge after lumbar spine surgery. A qualitative study. Disability and Rehabilitation, 2023, 45, 4048-4057.	0.9	2
1711	Placebo Response and Media Attention in Randomized Clinical Trials Assessing Cannabis-Based Therapies for Pain. JAMA Network Open, 2022, 5, e2243848.	2.8	31
1712	Genome-wide DNA methylation study identifies significant epigenomic changes associated with internalized stigma in adults with non-specific chronic low back pain. Frontiers in Pain Research, 0, 3, .	0.9	1

#	Article	IF	Citations
1713	Skin Displacement as fascia tissue manipulation at the lower back affects instantaneously the flexion-and extension spine, pelvis, and hip range of motion. Frontiers in Physiology, 0, 13, .	1.3	1
1714	A multi-center, double-blind, randomized parallel-group Phase IV study comparing the efficacy and safety of thiocolchicoside ointment versus placebo in patients with chronic mechanical low back pain and an acute muscle spasm. Turkish Journal of Physical Medicine and Rehabilitation, 2022, 68, 456-463.	0.3	0
1715	Factors associated with non-pharmacological, non-operative treatment utilization prior to thoracolumbar spine surgery in Manitoba: A Canadian Spine Outcomes Research Network (CSORN) study. Musculoskeletal Science and Practice, 2022, , 102695.	0.6	0
1716	Use self-gravitation traction to treat lumbar disc herniation: Study protocol for a double-center, single-blind randomized controlled trial. Medicine (United States), 2022, 101, e31717.	0.4	0
1718	Causal association of sleep disturbances and low back pain: A bidirectional two-sample Mendelian randomization study. Frontiers in Neuroscience, 0, 16, .	1.4	9
1719	A Guideline-Implementation Intervention to Improve the Management of Low Back Pain in Primary Care: A Difference-in-Difference-in-Differences Analysis. Applied Health Economics and Health Policy, 2023, 21, 253-262.	1.0	3
1720	Impact on productivity impairment of a digital care program for chronic low back pain: A prospective longitudinal cohort study. Musculoskeletal Science and Practice, 2023, 63, 102709.	0.6	3
1721	The search for systemic biomarkers for monitoring degenerative lumbar spinal disorders. Osteoarthritis and Cartilage Open, 2022, 4, 100323.	0.9	3
1722	Assessing the relationship between domestic work experience and musculoskeletal health among rural Nigerian women. PLoS ONE, 2022, 17, e0276380.	1.1	1
1723	Sport and non-specific low back pain in athletes: a scoping review. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, .	0.7	2
1725	Characteristics and usefulness of trunk muscle endurance tests on the Roman chair in healthy adults. PeerJ, 0, 10, e14469.	0.9	1
1726	Predictors of self-management in patients with chronic low back pain: a longitudinal study. BMC Musculoskeletal Disorders, 2022, 23, .	0.8	5
1728	An inâ€depth analysis of the immunomodulatory mechanisms of intervertebral disc degeneration. JOR Spine, 2022, 5, .	1.5	9
1729	Reliability and validity of Foot Posture Index (FPI-6) for evaluating foot posture in participants with low back pain. Scientific Reports, 2022, 12, .	1.6	7
1730	A scientometrics analysis and visualization of low back pain. International Journal of Osteopathic Medicine, 2023, 47, 100655.	0.4	3
1731	Perceived barriers to accessing physical therapy services in Florida among individuals with low back pain. , 0, 2, .		1
1732	Extracorporeal Shockwave Treatment for Low Back Pain. Biologic Orthopedic Journal, 2022, 4, e96-e105.	0.2	0
1733	Astragaloside IV attenuates IL-1Î²-induced intervertebral disc degeneration through inhibition of the NF-ÎºB pathway. Journal of Orthopaedic Surgery and Research, 2022, 17, .	0.9	6

#	Article	IF	Citations
1735	The treatment lottery of chronic back pain? A case series at a multidisciplinary pain centre. Scandinavian Journal of Pain, 2023, 23, 273-283.	0.5	0
1736	An overview of lumbar anatomy with an emphasis on unilateral biportal endoscopic techniques: A review. Medicine (United States), 2022, 101, e31809.	0.4	1
1737	The Effects of Isometric Fatigue on Trunk Muscle Stiffness: Implications for Shear-Wave Elastography Measurements. Sensors, 2022, 22, 9476.	2.1	1
1738	Reduction in painâ€related fear is not associated with improvement in spinal biomechanics but with decrease in movementâ€evoked pain in patients with chronic low back pain. Pain Practice, 2023, 23, 290-300.	0.9	3
1739	Time-dependent transformations of the internal image of disorder in patients with chronic back pain. AlÊ¹manah KliniÄeskoj Mediciny, 2022, 50, 304-309.	0.2	0
1740	Musculoskeletal risk factors assessment based on exploratory factor analysis and fuzzy analytical hierarchy process. Theoretical Issues in Ergonomics Science, 0, , 1-32.	1.0	2
1741	Changes in stiffness of the extracellular and pericellular matrix in the anulus fibrosus of lumbar intervertebral discs over the course of degeneration. Frontiers in Bioengineering and Biotechnology, 0, 10, .	2.0	1
1742	Neuropathic pain questionnaires for back pain, what do we know?. Musculoskeletal Science and Practice, 2023, 63, 102714.	0.6	2
1743	Oblique lateral interbody fusion in heterogenous lumbar diseases: Anterolateral screw fixation vs. posterior percutaneous pedicle screw fixation â€“ A single center experience. Frontiers in Surgery, 0, 9, .	0.6	1
1744	Exploring patientsâ€™ lived experience on the barriers to accessing low back pain health services. African Journal of Primary Health Care and Family Medicine, 2022, 14, .	0.3	0
1745	Research Note: Deriving latent trajectories in health research. Journal of Physiotherapy, 2022, , .	0.7	0
1746	The role of oxidative stress in intervertebral disc cellular senescence. Frontiers in Endocrinology, 0, 13, .	1.5	5
1747	Musculoskeletal Pain in Family Caregivers: Does a Therapeutic Physical Program in Primary Care Work? A Randomized Controlled Trial. International Journal of Environmental Research and Public Health, 2023, 20, 185.	1.2	1
1748	Effectiveness of a 6-week specific rehabilitation program combining education and exercises on walking capacity in patients with lumbar spinal stenosis with neurogenic claudication: a randomized controlled clinical trial protocol. Trials, 2022, 23, .	0.7	0
1749	Theoretical Schemas to Guide Back Pain Consortium (BACPAC) Chronic Low Back Pain Clinical Research. Pain Medicine, 2023, 24, S13-S35.	0.9	3
1750	Adaptive changes in sensorimotor processing in patients with acute low back pain. Scientific Reports, 2022, 12, .	1.6	0
1751	The two-stage therapeutic effect of posture biofeedback training on back pain and the associated mechanism: A retrospective cohort study. Frontiers in Physiology, 0, 13, .	1.3	3
1753	The Correlation of Frequency of Work-Related Disorders with Type of Work among Polish Employees. International Journal of Environmental Research and Public Health, 2023, 20, 1624.	1.2	0

#	Article	IF	Citations
1754	Physiological Features of Musculoskeletal System Formation of Adolescents Under the Influence of Directed Physical Training. Physical Activity and Health, 2023, 7, 1-12.	0.6	3
1755	Human assumed central sensitization in people with acute nonâ€specific low back pain: A crossâ€sectional study of the association with brainâ€derived neurotrophic factor, clinical, psychological and demographic factors. European Journal of Pain, 2023, 27, 530-545.	1.4	3
1756	Thoracic Spine Pain in High School Adolescents: A One-Year Longitudinal Study. Healthcare (Switzerland), 2023, 11, 196.	1.0	2
1757	Radiofrequency ablation in chronic pain syndromes: An evidence- and consensus-based indian society for the study of pain guidelines, 2022. Indian Journal of Pain, 2022, 36, 2.	0.1	0
1758	The foundations for chronic low back pain management may start in early life. Exploring the role of caregiver postnatal leave on future low back pain in the offspring. Journal of Pain, 2023, , .	0.7	0
1759	Toward a causal model of chronic back pain: Challenges and opportunities. Frontiers in Computational Neuroscience, 0, 16, .	1.2	2
1760	Postural Control of Patients with Low Back Pain Under Dual-Task Conditions. Journal of Pain Research, 0, Volume 16, 71-82.	0.8	5
1762	Linear spectrum and non-linear complexity features of lumbar muscle surface electromyography between people with and without non-specific chronic low back pain during Biering-Sorensen test. Journal of Electromyography and Kinesiology, 2023, , 102742.	0.7	0
1763	Role of the interaction between lumbar kinematics and accelerometer-measured physical activity in bodily pain, physical functioning and work ability among health care workers with low back pain. Journal of Electromyography and Kinesiology, 2023, , 102744.	0.7	0
1764	Short-term impact of COVID-19 pandemic on low back pain: data from the PAMPA Cohort, Brazil. BMC Public Health, 2023, 23, .	1.2	3
1765	Racial and ethnic differences in the use of lumbar imaging, opioid analgesics and spinal surgery for low back pain: A systematic review and metaâ€analysis. European Journal of Pain, 2023, 27, 476-491.	1.4	1
1766	Pain-related interference and pain-related psychosocial factors of three different subgroups of patients with chronic low back pain. Musculoskeletal Science and Practice, 2023, , 102718.	0.6	1
1767	Harmonization and standardization of nucleus pulposus cell extraction and culture methods. JOR Spine, 2023, 6, .	1.5	6
1768	Epigenetic Factors Related to Low Back Pain: A Systematic Review of the Current Literature. International Journal of Molecular Sciences, 2023, 24, 1854.	1.8	4
1769	Percutaneous Endoscopic Lumbar Annuloplasty and Nucleoplasty for Discogenic Low Back Pain. , 2023, , 407-420.		0
1771	Core-shell oxygen-releasing fibers for annulus fibrosus repair in the intervertebral disc of rats. Materials Today Bio, 2023, 18, 100535.	2.6	1
1772	Inequalities in the management of back pain care in Brazil - National Health Survey, 2019. Ciencia E Saude Coletiva, 2023, 28, 437-446.	0.1	0
1773	Roles of Hippoâ€“YAP/TAZ signalling in intervertebral disc degeneration. Biomedicine and Pharmacotherapy, 2023, 159, 114099.	2.5	4

#	Article	IF	Citations
1774	Cross-Cultural Adaptation, Reliability, and Validity of a Hebrew Version of the Physiotherapist Self-Efficacy Questionnaire Adjusted to Low Back Pain Treatment. Healthcare (Switzerland), 2023, 11, 85.	1.0	0
1775	Efficacy and safety of extracorporeal shock wave on low back pain: A systematic review and meta-analysis. Medicine (United States), 2022, 101, e32053.	0.4	0
1776	Low Back Pain Prevalence among Distance Learning Students. International Journal of Environmental Research and Public Health, 2023, 20, 342.	1.2	2
1777	Understanding how patientsâ€™ pain beliefs influence chronic low back pain management in Ghana: a grounded theory approach. BMJ Open, 2022, 12, e061062.	0.8	3
1778	Poznavanje ergonomije zaposlenih v zdravstveni negi, absentizem in ekonomske posledice absentizma. , 2022, 9, 54-74.		0
1779	Fear-Avoidance Beliefs for Physical Activity Among Chronic Low Back Pain: A Multicenter Cross-Sectional Study. Journal of Pain Research, 0, Volume 16, 233-243.	0.8	3
1780	IL-37 alleviates intervertebral disc degeneration via the IL-1R8/NF-Î²B pathway. Osteoarthritis and Cartilage, 2023, 31, 588-599.	0.6	4
1781	Cytokine Imbalance as a Biomarker of Intervertebral Disk Degeneration. International Journal of Molecular Sciences, 2023, 24, 2360.	1.8	6
1782	A qualitative study exploring perceived barriers and enablers to fidelity of training and delivery for an intervention to reduce non-indicated imaging for low back pain. Chiropractic & Manual Therapies, 2023, 31, .	0.6	0
1783	Clinical Reasoning: Adult Patient Presenting With Spine Pain Following a Motor Vehicle Accident. Neurology, 2023, 100, 1025-1031.	1.5	0
1784	A national media mass campaign improves beliefs and behaviours about low back pain in the general population and in general practitioners. Joint Bone Spine, 2023, 90, 105536.	0.8	2
1785	The burden of preoperative fear-avoidance beliefs in workers after thoracic and lumbar spine surgery: a 2-year follow-up study. Pain, 2023, Publish Ahead of Print, .	2.0	0
1786	The <scp>selfBACK</scp> artificial intelligenceâ€based smartphone app can improve low back pain outcome even in patients with high levels of depression or stress. European Journal of Pain, 2023, 27, 568-579.	1.4	7
1787	Researcherâ€™s Perspective on Musculoskeletal Conditions in Primary Care Physiotherapy Units through the International Classification of Functioning, Disability, and Health (ICF): A Scoping Review. Biomedicines, 2023, 11, 290.	1.4	1
1788	Menopausal hormone therapy, oral contraceptives and risk of chronic low back pain: the HUNT Study. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	1
1789	Conscious connected breathing with breath retention intervention in adults with chronic low back pain: protocol for a randomized controlled pilot study. Pilot and Feasibility Studies, 2023, 9, .	0.5	1
1790	Comparative analysis of the use of symptomatic slow acting drugs for osteoarthritis containing chondroitin sulfate or affecting its biosynthesis in patients with non-specific low back pain. Zhurnal Nevrologii I Psikhiatrii Imeni S S Korsakova, 2023, 123, 81.	0.1	3
1791	Intervertebral disc degeneration and osteoarthritis: a common molecular disease spectrum. Nature Reviews Rheumatology, 2023, 19, 136-152.	3.5	19

#	Article	IF	Citations
1792	The Endocannabinoid System and Physical Exercise. International Journal of Molecular Sciences, 2023, 24, 1989.	1.8	17
1793	Research progress in decellularized extracellular matrix hydrogels for intervertebral disc degeneration. Biomaterials Science, 2023, 11, 1981-1993.	2.6	5
1794	Loss of lumbar disc height with age and its impact on pain and sensitivity associated behaviors in mice. European Spine Journal, 2023, 32, 848-858.	1.0	1
1795	Education to keep the abdomen relaxed versus contracted during pilates in patients with chronic low back pain: study protocol for a randomised controlled trial. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	1
1796	Suppression of matrix degradation and amelioration of disc degeneration by a 970-nm diode laser via inhibition of the p38 MAPK pathway in a rabbit model. Lasers in Medical Science, 2023, 38, .	1.0	1
1797	Electromyography-biofeedback for chronic low back pain: A qualitative cohort study. Complementary Therapies in Medicine, 2023, 73, 102922.	1.3	0
1798	Changes in cortical activation during upright stance in individuals with chronic low back pain: An fNIRS study. Frontiers in Human Neuroscience, 0, 17, .	1.0	1
1799	Engineered high-strength biohydrogel as a multifunctional platform to deliver nucleic acid for ameliorating intervertebral disc degeneration. Bioactive Materials, 2023, 25, 107-121.	8.6	8
1801	Yoga, Atmung und Entspannung. , 2023, , 241-248.		0
1803	Complications after Posterior Lumbar Fusion for Degenerative Disc Disease: Sarcopenia and Osteopenia as Independent Risk Factors for Infection and Proximal Junctional Disease. Journal of Clinical Medicine, 2023, 12, 1387.	1.0	3
1804	Optimising management of low back pain through the pain and disability drivers management model: Findings from a pilot cluster nonrandomised controlled trial. Musculoskeletal Care, 2023, 21, 667-682.	0.6	2
1805	Evaluation of the effects of a novel exercise program in the treatment of low back pain in women working in a seated position: A randomized trial. Journal of Back and Musculoskeletal Rehabilitation, 2023, 36, 845-859.	0.4	1
1806	Developing tailored intervention strategies for implementation of stratified care to low back pain with physiotherapists in Nigeria: a Delphi study. BMC Health Services Research, 2023, 23, .	0.9	0
1807	Impact of an Enhanced Transtheoretical Model Intervention (ETMI) Workshop on the Attitudes and Beliefs Regarding Low Back Pain of Primary Care Physicians in the Israeli Navy. International Journal of Environmental Research and Public Health, 2023, 20, 4854.	1.2	0
1808	The attitudes and beliefs about manual therapy held by patients experiencing low back pain: a scoping review. Musculoskeletal Science and Practice, 2023, 65, 102752.	0.6	2
1809	Lumbosacral zone features in individuals with nonspecific chronic low back pain are unique compared to controls and correlate with pain and dysfunction. European Radiology, 0, , .	2.3	1
1810	Get your head in the game: a replicated single-case-experimental-design evaluating the effect of a novel virtual reality intervention in people with chronic low back pain. Journal of Pain, 2023, , .	0.7	1
1811	Interventional non-operative management of low back and neck pain. Egyptian Journal of Neurosurgery, 2023, 38, .	0.2	1

#	Article	IF	Citations
1812	Stiffness optimization based on muscle fatigue and muscle synergy for passive waist assistive exoskeleton. , 2023, ahead-of-print, .		0
1813	Association between low back pain and psychological stress response in a Japanese population-based study. Journal of Orthopaedic Science, 2023, , .	0.5	0
1814	Relationship between physical activity and central sensitization in chronic low back pain: Insights from machine learning. Computer Methods and Programs in Biomedicine, 2023, 232, 107432.	2.6	4
1815	The involvement of DDX3X in compression-induced nucleus pulposus pyroptosis. Biochemical and Biophysical Research Communications, 2023, 655, 1-10.	1.0	2
1816	Sleep posture one-shot learning framework based on extremity joint kinematics: In-silico and in-vivo case studies. Information Fusion, 2023, 95, 215-236.	11.7	2
1818	MicroRNA-155 suppressed cholesterol-induced matrix degradation, pyroptosis and apoptosis by targeting RORÎ± in nucleus pulposus cells. Cellular Signalling, 2023, 107, 110678.	1.7	4
1819	Pain education and pain management skills in virtual reality in the treatment of chronic low back pain: A multiple baseline single-case experimental design. Behaviour Research and Therapy, 2023, 162, 104257.	1.6	2
1820	Chronic Nonspecific Back Pain. Human Physiology, 2022, 48, 968-974.	0.1	0
1821	Determinants of diurnal variation in lumbar intervertebral discs and paraspinal muscles: A prospective quantitative magnetic resonance imaging study. European Journal of Radiology, 2023, 160, 110712.	1.2	1
1822	Effects of meditation on pain intensity, physical function, quality of life and depression in adults with low back pain â€“ A systematic review with meta-analysis. Complementary Therapies in Medicine, 2023, 72, 102924.	1.3	2
1823	Differences in the prevalence of musculoskeletal pain between health care students and students of sports and physical education. Medicinski Pregled, 2022, 75, 109-114.	0.1	0
1824	Effectiveness of Spinal Stabilization Exercises on Dynamic Balance in Adults with Chronic Low Back Pain. International Journal of Sports Physical Therapy, 2023, 18, .	0.5	2
1825	Biomechanical evaluation of different sizes of 3D printed cage in lumbar interbody fusion-a finite element analysis. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	3
1827	Examining the Peer-Reviewed Published Literature Regarding Low Back Pain in Rowing: A Scoping Review. International Journal of Sports Physical Therapy, 2023, 18, .	0.5	0
1828	Prehabilitation for spine surgery: A scoping review. PM and R, 2023, 15, 1335-1350.	0.9	5
1829	Research Letter: Prevalence of Spine Injuries Among US Military Personnel With Combat-Related Concussion. Journal of Head Trauma Rehabilitation, 0, Publish Ahead of Print, .	1.0	0
1830	Racism as a Source of Pain. Journal of General Internal Medicine, 2023, 38, 1729-1734.	1.3	5
1831	Engagement and Utilization of a Complete Remote Digital Care Program for Musculoskeletal Pain Management in Urban and Rural Areas Across the United States: Longitudinal Cohort Study. JMIR MHealth and UHealth, 0, 11, e44316.	1.8	7

#	Article	IF	Citations
1832	Back pain in adolescent idiopathic scoliosis: A comprehensive review. Journal of Children's Orthopaedics, 2023, 17, 126-140.	0.4	1
1833	Developing a triage predictive model for access to a spinal surgeon using clinical variables and natural language processing of radiology reports. European Spine Journal, 0, , .	1.0	2
1834	Efficacy of Pilates on Pain, Functional Disorders and Quality of Life in Patients with Chronic Low Back Pain: A Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 2023, 20, 2850.	1.2	6
1835	Diffusivity of Human Cartilage Endplates in Healthy and Degenerated Intervertebral Disks. Journal of Biomechanical Engineering, 2023, 145, .	0.6	1
1836	Clinical Biomarker of Sterile Inflammation, HMGB1, in Patients with Chronic Non-Specific Low Back Pain: A Pilot Cross-Sectional Study. Life, 2023, 13, 468.	1.1	0
1837	Vojta Therapy and Conservative Physical Therapy versus Physical Therapy Only for Lumbar Disc Protrusion: A Comparative Cohort Study from Romania. Applied Sciences (Switzerland), 2023, 13, 2292.	1.3	1
1838	Mechanisms of chiropractic spinal manipulative therapy for patients with chronic primary low back pain: protocol for a mechanistic randomised placebo-controlled trial. BMJ Open, 2023, 13, e065999.	0.8	2
1839	Multimorbidity in patients with low back pain in Danish chiropractic practice: a cohort study. Chiropractic & Manual Therapies, 2023, 31, .	0.6	2
1840	Establishment of Ferroptosis-Related Key Gene Signature and Its Validation in Compression-Induced Intervertebral Disc Degeneration Rats. Oxidative Medicine and Cellular Longevity, 2023, 2023, 1-20.	1.9	1
1841	Mapping Oswestry Disability Index Responses to EQ-5D-3L Utility Values: Are Cost-Utility Results Valid?. Value in Health, 2023, , .	0.1	0
1842	Chronic disease clusters are associated with prolonged, bothersome, and multisite musculoskeletal pain: a population-based study on Northern Finns. Annals of Medicine, 2023, 55, 592-602.	1.5	1
1843	Does poor sleep quality lead to increased low back pain the following day?. Scandinavian Journal of Pain, 2023, 23, 333-340.	0.5	1
1844	Physiotherapistsâ€™ attitudes and beliefs about self-management as part of their management for low back pain. Musculoskeletal Science and Practice, 2023, 64, 102727.	0.6	0
1845	Effect of Restorative Neurostimulation on Major Drivers of Chronic Low Back Pain Economic Impact. Neurosurgery, 2023, 92, 716-724.	0.6	1
1846	Clinical Utility of Limited T2-Weighted-Only Lumbar Spine MRI in Pain Intervention Clinics. Investigative Magnetic Resonance Imaging, 2023, 27, 32.	0.2	1
1847	Socioeconomic status, mental health, and nutrition are the principal traits for low back pain phenotyping: Data from the osteoarthritis initiative. JOR Spine, 2023, 6, .	1.5	2
1849	Cost-effectiveness analysis of intradiscal condoliase injection vs. surgical or conservative treatment for lumbar disc herniation. Journal of Medical Economics, 2023, 26, 233-242.	1.0	1
1850	Was ist Schmerz? â€“ Äœber die Verbreitung und Definition von Schmerz. , 2023, , 7-14.		0

#	Article	IF	Citations
1851	Chair squat performance as a potential predictor of nursesâ€™ physical capabilities in ergonomic patient transfers. Scientific Reports, 2023, 13, .	1.6	3
1852	CT guided minimal invasive oxygen ozone therapy in patients with degenerative changes of lumbosacral spine. Medicinski Podmladak, 2022, 73, 28-33.	0.2	0
1853	Was untersucht ein Physiotherapeut? KÃ¶rperliche Untersuchungen und Tests. , 2023, , 119-130.		0
1854	Disparities in chiropractic utilization by race, ethnicity and socioeconomic status: A scoping review of the literature. Journal of Integrative Medicine, 2023, 21, 159-167.	1.4	0
1855	The Interaction Between Psychosocial Factors and Exercise-Induced Hypoalgesia in Pain-Free Nurses. Journal of Pain Research, 0, Volume 16, 529-541.	0.8	0
1856	Effectiveness of Cognitive Functional Therapy for Reducing Pain and Disability in Chronic Low Back Pain: A Systematic Review and Meta-analysis. Journal of Orthopaedic and Sports Physical Therapy, 2023, 53, 244-285.	1.7	2
1857	Identifification and validation of ferroptosis signatures and immune infifiltration characteristics associated with intervertebral disc degeneration. Frontiers in Genetics, 0, 14, .	1.1	1
1858	Early career demanding psychosocial work environment and severe back pain and neck/shoulder pain in experienced nurses: A cohort study. Scandinavian Journal of Public Health, 0, , 140349482311519.	1.2	0
1859	Effectiveness of patient education plus motor control exercise versus patient education alone versus motor control exercise alone for rural community-dwelling adults with chronic low back pain: a randomised clinical trial. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	5
1860	BRD9 Inhibition Attenuates Matrix Degradation and Pyroptosis in Nucleus Pulposus by Modulating the NOX1/ROS/NF-Î²B axis. Inflammation, 2023, 46, 1002-1021.	1.7	5
1861	A Clinical Measure of Trunk Neuromuscular Function Predicts Falling in Older Adults With Chronic Low Back Pain. Journal of Geriatric Physical Therapy, 0, Publish Ahead of Print, .	0.6	0
1862	Prevalence of musculoskeletal complaints and health-related quality of life in a Maroon and Kalinya Indigenous rural village in Suriname. Quality of Life Research, 0, , .	1.5	0
1863	Postmarketing Follow-Up of a Digital Home Exercise Program for Back, Hip, and Knee Pain: Retrospective Observational Study With a Time-Series and Matched-Pair Analysis. Journal of Medical Internet Research, 0, 25, e43775.	2.1	2
1864	Mapping guidelineâ€informed care for chronic nonâ€specific low back pain with the biopsychosocial approach: A rapid review. Pain Practice, 2023, 23, 543-552.	0.9	1
1865	Work-Related, Non-Specific Low Back Pain among Physiotherapists in France: Prevalence and Biomechanical and Psychosocial Risk Factors, as a Function of Practice Pattern. International Journal of Environmental Research and Public Health, 2023, 20, 4343.	1.2	2
1866	Stress Distribution of Different Pedicle Screw Insertion Techniques Following Singleâ€Segment <scp>TLIF</scp>: A Finite Element Analysis Study. Orthopaedic Surgery, 2023, 15, 1153-1164.	0.7	1
1867	Efficacy and safety of Tuina for chronic nonspecific low back pain: A PRISMA-compliant systematic review and meta-analysis. Medicine (United States), 2023, 102, e33018.	0.4	2
1868	Cognitive dissonance increases spine loading in the neck and low back. Ergonomics, 2023, 66, 2133-2147.	1.1	0

#	Article	IF	Citations
1869	Low-dose celecoxib-loaded PCL fibers reverse intervertebral disc degeneration by up-regulating CHSY3 expression. Journal of Nanobiotechnology, 2023, 21, .	4.2	4
1870	Outcomes of the butler neural mobilization technique and manual therapy for chronic low back pain in patients with lumbar radiculopathy: A cross-sectional comparative study. , 2023, 1, 3-11.		0
1871	Spinal cord stimulation for low back pain. The Cochrane Library, 2023, 2023, .	1.5	6
1872	Monomeric CRP regulates inflammatory responses in human intervertebral disc cells. Bone and Joint Research, 2023, 12, 189-198.	1.3	2
1873	A qualitative assessment of a text message intervention for people with low back pain. Musculoskeletal Science and Practice, 2023, 64, 102739.	0.6	0
1874	Gait analysis of individuals with specific low back pain undergoing surgery: case series report with one and six-month follow-up. Physiotherapy Theory and Practice, 0, , 1-11.	0.6	0
1876	Patient-reported outcome measurements (PROMs): Use during the physical therapy practice and associated factors. Musculoskeletal Science and Practice, 2023, 64, 102744.	0.6	0
1877	Prevalence of Work-Related Musculoskeletal Disorders among Nurses: A Meta-Analysis. Iranian Journal of Public Health, 0, , .	0.3	5
1879	Quality of life of patients with chronic lower back pain. Kontakt, 2023, 25, 25-30.	0.1	0
1880	Durable patient-reported outcomes following 60-day percutaneous peripheral nerve stimulation (PNS) of the medial branch nerves. , 2023, 2, 100243.		0
1881	Exercise Therapy in Nonspecific Low Back Pain among Individuals with Lower-Limb Amputation: A Systematic Review. Life, 2023, 13, 772.	1.1	0
1882	Within-Session Test-Retest Reliability of Pressure Pain Threshold and Mechanical Temporal Summation in Chronic Low Back Pain. Clinical Journal of Pain, 2023, 39, 217-225.	0.8	1
1884	Cyclobenzaprine: new option for pharmacological therapy of back pain. Expert panel opinion. Russian Journal of Pain, 2023, 21, 88.	0.2	0
1885	Effectiveness and safety of intrathecal morphine for percutaneous endoscopic lumbar discectomy under low-dose ropivacaine: a prospective, randomized, double-blind clinical trial. Spine Journal, 2023, , .	0.6	0
1886	Integrated proteome sequencing, bulk RNA sequencing and single-cell RNA sequencing to identify potential biomarkers in different grades of intervertebral disc degeneration. Frontiers in Cell and Developmental Biology, 0, 11, .	1.8	1
1887	Functional Tests Predicting Return to Work of Workers with Non-Specific Low Back Pain: Are There Any Validated and Usable Functional Tests for Occupational Health Services in Everyday Practice? A Systematic Review. International Journal of Environmental Research and Public Health, 2023, 20, 5188.	1.2	1
1889	Co-regulation of Sox9 and TGFÎ²1 transcription factors in mesenchymal stem cells regenerated the intervertebral disc degeneration. Frontiers in Medicine, 0, 10, .	1.2	4
1891	High intensity training improves symptoms of central sensitization at six-month follow-up in persons with chronic nonspecific low back pain: Secondary analysis of a randomized controlled trial. Brazilian Journal of Physical Therapy, 2023, 27, 100496.	1.1	1

#	Article	IF	Citations
1892	Clinical courses, impact and prognostic indicators for a persistent course of low back pain: Results from a population-based cohort study. PLoS ONE, 2023, 18, e0265104.	1.1	1
1893	Effect of the association of continuous shortwave diathermy and Pilates-based exercises on pain, depression, and anxiety in chronic non-specific low back pain: a randomized clinical trial. Brazilian Journal of Medical and Biological Research, 0, 56, .	0.7	0
1894	Automatic deep learning-based assessment of spinopelvic coronal and sagittal alignment. Diagnostic and Interventional Imaging, 2023, 104, 343-350.	1.8	3
1895	TAK-715 alleviated IL-1Î²-induced apoptosis and ECM degradation in nucleus pulposus cells and attenuated intervertebral disc degeneration ex vivo and in vivo. Arthritis Research and Therapy, 2023, 25, .	1.6	4
1896	The association of lumbar disc degeneration with lumbar vertebral trabecular volumetric bone mineral density in an urban population of young and middle-aged community-dwelling Chinese adults: a cross-sectional study. Journal of Bone and Mineral Metabolism, 0, , .	1.3	0
1897	A Systematic Review of Clinical Practice Guidelines for Persons With Non-specific Low Back Pain With and Without Radiculopathy: Identification of Best Evidence for Rehabilitation to Develop the WHO's Package of Interventions for Rehabilitation. Archives of Physical Medicine and Rehabilitation, 2023, 104, 1913-1927.	0.5	7
1898	Polydopamine Nanoparticles Targeting Ferroptosis Mitigate Intervertebral Disc Degeneration Via Reactive Oxygen Species Depletion, Iron Ions Chelation, and GPX4 Ubiquitination Suppression. Advanced Science, 2023, 10, .	5.6	13
1899	Low Back Pain and Radiofrequency Denervation of Facet Joint: Beyond Pain Controlâ€"A Video Recording. Pain and Therapy, 0, , .	1.5	1
1901	Effect of workersâ€™ compensation status on pain, disability, quality of life, and return to work after lumbar spine surgery: a 1-year propensity-matched analysis. Journal of Neurosurgery: Spine, 2023, , 1-11.	0.9	1
1902	Challenges, Concerns, and Experiences of Community-Dwelling Older Women with Chronic Low Back Painâ€"A Qualitative Study in Hong Kong, China. Healthcare (Switzerland), 2023, 11, 945.	1.0	0
1903	Low back pain: Prevalence and functional impairment among the general population in Tabuk city, Saudi Arabia. Journal of Musculoskeletal Surgery and Research, 0, 7, 110-119.	0.2	0
1904	Effect of Godelieve Denys-Struyf (GDS) muscle and articulation chain treatment on clinical variables of patients with chronic low back pain and lumbar disc degeneration: a pilot feasibility randomized controlled trial. Pilot and Feasibility Studies, 2023, 9, .	0.5	0
1905	Cost consequence analysis of waiting for lumbar disc herniation surgery. Scientific Reports, 2023, 13, .	1.6	0
1906	Radiological outcomes of PEEK rods in patients with lumbar degenerative diseases: A minimum 5-year follow-up. Frontiers in Surgery, 0, 10, .	0.6	0
1907	Effect of postural threat on motor control in people with and without low back pain. PLoS ONE, 2023, 18, e0280607.	1.1	2
1909	Would Cutibacterium acnes Be the Villain for the Chronicity of Low Back Pain in Degenerative Disc Disease? Preliminary Results of an Analytical Cohort. Journal of Personalized Medicine, 2023, 13, 598.	1.1	2
1910	Shape-memory collagen scaffold combined with hyaluronic acid for repairing intervertebral disc. Biomaterials Research, 2023, 27, .	3.2	3
1911	The Prevalence of Mental Health Service Use in Australian Workers with Accepted Workersâ€™ Compensation Claims for Low Back Pain: A Retrospective Cohort Study. Journal of Occupational Rehabilitation, 2023, 33, 602-609.	1.2	1

#	Article	IF	Citations
1912	Mapping the Design Space of Technology-based Solutions for Better Chronic Pain Care: Introducing the Pain Tech Landscape. Psychosomatic Medicine, 0, Publish Ahead of Print, .	1.3	1
1913	The lumbar spinal endplate lesions grades and association with lumbar disc disorders, and lumbar bone mineral density in a middle-young general Chinese population. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	2
1914	Spinal Pain, Chronic Health Conditions and Health Behaviors: Data from the 2016â€“2018 National Health Interview Survey. International Journal of Environmental Research and Public Health, 2023, 20, 5369.	1.2	7
1915	Exploration of the Extraperitoneal Approach for Single-Level Anterior Lumbar Interbody Fusion: Imaging, Anatomical and Clinical Research. Indian Journal of Orthopaedics, 2023, 57, 891-898.	0.5	1
1916	The McKenzie method for (sub)acute non-specific low back pain. The Cochrane Library, 2023, 2023, .	1.5	4
1917	The Swiss chiropractic practice-based research network: a population-based cross-sectional study to inform future musculoskeletal research. Scientific Reports, 2023, 13, .	1.6	3
1918	Stiff Substrate Induces Nucleus Pulposus Cell Ferroptosis via YAP and Nâ€Cadherin Mediated Mechanotransduction. Advanced Healthcare Materials, 2023, 12, .	3.9	4
1919	Residents of Mountainous Areas Have a Higher Low Back Pain Prevalence Than Flat Areas of Chongqing, China: A Cross-Sectional Study. Journal of Pain Research, 0, Volume 16, 1169-1183.	0.8	1
1920	Effect of Posteroanterior Lumber Spine Mobilization Versus McKenzie Prone Push Ups on Pain and Functional Disability in Subjects with Non-Specific Low Back Pain. , 0, , 07-10.		0
1921	Tissue-Engineered Injectable Gelatinâ€“Methacryloyl Hydrogel-Based Adjunctive Therapy for Intervertebral Disc Degeneration. ACS Omega, 2023, 8, 13509-13518.	1.6	6
1922	Neurosurgical Consultation Referral from the Forces: Regarding 328 Patients Referred to the Department of Neurosurgery, Sainte Anne Military Hospital, France. Military Medicine, 0, , .	0.4	0
1925	Do Visual Pain Trajectories Reflect the Actual Course of Low Back Pain? A Longitudinal Cohort Study. Journal of Pain, 2023, 24, 1506-1521.	0.7	2
1926	SupportPrimâ€”a computerized clinical decision support system for stratified care for patients with musculoskeletal pain complaints in general practice: study protocol for a randomized controlled trial. Trials, 2023, 24, .	0.7	1
1928	Investigating the hypoalgesic effects of spinal manipulative therapy using hidden pain conditioning and positive expectation in patients with chronic low back pain: protocol for a randomised controlled trial. BMJ Open, 2023, 13, e066199.	0.8	0
1929	The role of co-occurring insomnia and mental distress in the association between lumbar disc degeneration and low back pain related disability. BMC Musculoskeletal Disorders, 2023, 24, .	0.8	0
1930	Lumbar disc rehydration after dynamic stabilization: A systematic review. Medicine (United States), 2023, 102, e33163.	0.4	0
1931	Knee joint repositioning error in different trunk positions among females with chronic nonspecific low back pain: A cross-sectional study. Journal of Bodywork and Movement Therapies, 2023, 35, 140-144.	0.5	2
1933	Environmental Risk Assessment of Low Back Pain in ICU Nurses: An Instrument Development Study. Journal of Nursing Management, 2023, 2023, 1-10.	1.4	0

#	Article	IF	Citations
1934	Measurement properties of 72 movement biomarkers aiming to discriminate nonâ€'specific chronic low back pain patients from an asymptomatic population. Scientific Reports, 2023, 13, .	1.6	1
1935	Reliability of T2-weighted signal intensity-based quantitative measurements and visual grading of lumbar disc degeneration on MRI. Acta Radiologica, 2023, 64, 2145-2151.	0.5	0
1936	Effect of yoga on stress, anxiety, depression, and spinal mobility in computer users with chronic low back pain. International Journal of Yoga, 2022, 15, 114.	0.4	3
1937	Prevalence and Risk Factors of Musculoskeletal Disorders in Basketball Players: Systematic Review and Meta-Analysis. Healthcare (Switzerland), 2023, 11, 1190.	1.0	2
1938	Multidisciplinary team-based management approach for secondary-care patients with severe and persistent low back pain: A mixed-method feasibility trial. Journal of Back and Musculoskeletal Rehabilitation, 2023, 36, 979-991.	0.4	1
1939	Locomotive functional units. , 2023, , 243-457.		0
1940	Association between BMI and Non-specific Recurrent Low Back Pain in over 600,000 Healthy Young Adults. American Journal of Epidemiology, 0, , .	1.6	2
1941	Technology-Based Education andÂTraining System forÂNursing Professionals. Communications in Computer and Information Science, 2022, , 120-138.	0.4	1
2071	Effectiveness of pharmacological and non-pharmacological therapy on pain intensity and disability in older people with chronic nonspecific low back pain: a systematic review with meta-analysis. European Spine Journal, 2023, 32, 3245-3271.	1.0	3
2156	A Stronger Baseline For Automatic Pfirrmann Grading Of Lumbar Spine Mri Using Deep Learning. , 2023, , .		0
2162	Frontier advances on biomechanical therapies. , 2024, , 651-680.		0
2193	Kinematics Analysis of the Wearable Waist Rehabilitation Robot. Lecture Notes in Computer Science, 2023, , 164-175.	1.0	0
2211	20.ÂNeurological Disorders. , 2023, , .		0
2215	Mitochondrial dysfunction: a new molecular mechanism of intervertebral disc degeneration. Inflammation Research, 2023, 72, 2249-2260.	1.6	2
2220	Pain Management for Older Adults Across the Cognitive Trajectory. Current Geriatrics Reports, 0, , .	1.1	0
2232	Clinical effectiveness of reduction and fusion versus in situ fusion in the management of degenerative lumbar spondylolisthesis: a systematic review and meta-analysis. European Spine Journal, 0, , .	1.0	1
2255	Management of Adults with Chronic Primary Low Back Pain: Introduction to the Special Series of Systematic Reviews to Inform a World Health Organization (WHO) Clinical Guideline. Journal of Occupational Rehabilitation, 2023, 33, 615-617.	1.2	0
2295	Physiological Effects of a Back-Support Exoskeleton Control to Assist Carrying Activities. , 2023, , .		0

#	Article	IF	Citations
2406	Family Medicine. , 2024, , .		0