Jo Nijs

List of Publications by Year in descending order

334 papers	13,920 citations	16411 64 h-index	31759 101 g-index
340 all docs	340 docs citations	340 times ranked	8976 citing authors

#	Article	IF	Citations
1	Central sensitization: a biopsychosocial explanation for chronic widespread pain in patients with fibromyalgia and chronic fatigue syndrome. Clinical Rheumatology, 2007, 26, 465-473.	1.0	421
2	Recognition of central sensitization in patients with musculoskeletal pain: Application of pain neurophysiology in manual therapy practice. Manual Therapy, 2010, 15, 135-141.	1.6	388
3	How to explain central sensitization to patients with â€˜unexplainedâ€™ chronic musculoskeletal pain: Practice guidelines. Manual Therapy, 2011, 16, 413-418.	1.6	281
4	Central Sensitization and Altered Central Pain Processing in Chronic Low Back Pain. Clinical Journal of Pain, 2013, 29, 625-638.	0.8	243
5	Applying Modern Pain Neuroscience in Clinical Practice: Criteria for the Classification of Central Sensitization Pain. Pain Physician, 2014, 5;17, 447-457.	0.3	240
6	Exercise-Induced Hypoalgesia in Pain-Free and Chronic Pain Populations: State of the Art and Future Directions. Journal of Pain, 2019, 20, 1249-1266.	0.7	238
7	Structural and functional brain abnormalities in chronic low back pain: A systematic reviewâ˜†. Seminars in Arthritis and Rheumatism, 2015, 45, 229-237.	1.6	216
8	Low Back Pain: Guidelines for the Clinical Classification of Predominant Neuropathic, Nociceptive, or Central Sensitization Pain. Pain Physician, 2015, 3;18, E333-E346.	0.3	210
9	Chronic nociplastic pain affecting the musculoskeletal system: clinical criteria and grading system. Pain, 2021, 162, 2629-2634.	2.0	205
10	Pain Physiology Education Improves Pain Beliefs in Patients With Chronic Fatigue Syndrome Compared With Pacing and Self-Management Education: A Double-Blind Randomized Controlled Trial. Archives of Physical Medicine and Rehabilitation, 2010, 91, 1153-1159.	0.5	201
11	Thinking beyond muscles and joints: Therapists' and patients' attitudes and beliefs regarding chronic musculoskeletal pain are key to applying effective treatment. Manual Therapy, 2013, 18, 96-102.	1.6	186
12	Dysfunctional Endogenous Analgesia During Exercise in Patients with Chronic Pain: To Exercise or Not to Exercise?. Pain Physician, 2012, 3S;15, ES205-ES213.	0.3	186
13	Pain Physiology Education Improves Health Status and Endogenous Pain Inhibition in Fibromyalgia. Clinical Journal of Pain, 2013, 29, 873-882.	0.8	179
14	Effect of Pain Neuroscience Education Combined With Cognition-Targeted Motor Control Training on Chronic Spinal Pain. JAMA Neurology, 2018, 75, 808.	4.5	176
15	Central sensitisation in chronic pain conditions: latest discoveries and their potential for precision medicine. Lancet Rheumatology, The, 2021, 3, e383-e392.	2.2	176
16	Reduced pressure pain thresholds in response to exercise in chronic fatigue syndrome but not in chronic low back pain: An experimental study. Journal of Rehabilitation Medicine, 2010, 42, 884-890.	0.8	164
17	Central Sensitization in Patients with Rheumatoid Arthritis: A Systematic Literature Review. Seminars in Arthritis and Rheumatism, 2012, 41, 556-567.	1.6	159
18	Applying modern pain neuroscience in clinical practice: criteria for the classification of central sensitization pain. Pain Physician, 2014, 17, 447-57.	0.3	158

#	Article	IF	Citations
19	Measurement Properties of the Central Sensitization Inventory: A Systematic Review. Pain Practice, 2018, 18, 544-554.	0.9	155
20	Clinical biopsychosocial physiotherapy assessment of patients with chronic pain: The first step in pain neuroscience education. Physiotherapy Theory and Practice, 2016, 32, 368-384.	0.6	151
21	Exercise therapy for chronic musculoskeletal pain: Innovation by altering pain memories. Manual Therapy, 2015, 20, 216-220.	1.6	146
22	Pain neurophysiology education improves cognitions, pain thresholds, and movement performance in people with chronic whiplash: A pilot study. Journal of Rehabilitation Research and Development, 2011, 48, 43.	1.6	138
23	In the mind or in the brain? Scientific evidence for central sensitisation in chronic fatigue syndrome. European Journal of Clinical Investigation, 2012, 42, 203-212.	1.7	138
24	Treatment of central sensitization in patients with â€˜unexplainedâ€™ chronic pain: an update. Expert Opinion on Pharmacotherapy, 2014, 15, 1671-1683.	0.9	138
25	Nociplastic Pain Criteria or Recognition of Central Sensitization? Pain Phenotyping in the Past, Present and Future. Journal of Clinical Medicine, 2021, 10, 3203.	1.0	138
26	Brain-derived neurotrophic factor as a driving force behind neuroplasticity in neuropathic and central sensitization pain: a new therapeutic target?. Expert Opinion on Therapeutic Targets, 2015, 19, 565-576.	1.5	137
27	Exercise, Not to Exercise, or How to Exercise in Patients With Chronic Pain? Applying Science to Practice. Clinical Journal of Pain, 2015, 31, 108-114.	0.8	131
28	The Dutch Central Sensitization Inventory (CSI). Clinical Journal of Pain, 2016, 32, 624-630.	0.8	130
29	The role of central sensitization in shoulder pain: A systematic literature review. Seminars in Arthritis and Rheumatism, 2015, 44, 710-716.	1.6	128
30	Fear of movement and avoidance behaviour toward physical activity in chronic-fatigue syndrome and fibromyalgia: state of the art and implications for clinical practice. Clinical Rheumatology, 2013, 32, 1121-1129.	1.0	125
31	A Modern Neuroscience Approach to Chronic Spinal Pain: Combining Pain Neuroscience Education With Cognition-Targeted Motor Control Training. Physical Therapy, 2014, 94, 730-738.	1.1	123
32	Dysfunctional endogenous analgesia during exercise in patients with chronic pain: to exercise or not to exercise?. Pain Physician, 2012, 15, ES205-13.	0.3	123
33	Diagnostic value of five clinical tests in patellofemoral pain syndrome. Manual Therapy, 2006, 11, 69-77.	1.6	117
34	Diffuse noxious inhibitory control is delayed in chronic fatigue syndrome: An experimental study. Pain, 2008, 139, 439-448.	2.0	116
35	Pain Treatment for Patients With Osteoarthritis and Central Sensitization. Physical Therapy, 2013, 93, 842-851.	1.1	113
36	Low back pain: guidelines for the clinical classification of predominant neuropathic, nociceptive, or central sensitization pain. Pain Physician, 2015, 18, E333-46.	0.3	112

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37	Sleep Disturbances in Chronic Pain: Neurobiology, Assessment, and Treatment in Physical Therapist Practice. Physical Therapy, 2018, 98, 325-335.	1.1	109
38	From acute musculoskeletal pain to chronic widespread pain and fibromyalgia: Application of pain neurophysiology in manual therapy practice. Manual Therapy, 2009, 14, 3-12.	1.6	107
39	Altered lumbopelvic movement control but not generalized joint hypermobility is associated with increased injury in dancers. A prospective study. Manual Therapy, 2009, 14, 630-635.	1.6	105
40	Expanded Distribution of Pain as a Sign of Central Sensitization in Individuals With Symptomatic Knee Osteoarthritis. Physical Therapy, 2016, 96, 1196-1207.	1.1	105
41	Trigger point dry needling for the treatment of myofascial pain syndrome: current perspectives within a pain neuroscience paradigm . Journal of Pain Research, 2019, Volume 12, 1899-1911.	0.8	100
42	Patient-centeredness in physiotherapy: What does it entail? A systematic review of qualitative studies. Physiotherapy Theory and Practice, 2017, 33, 825-840.	0.6	98
43	Sleep disturbances and severe stress as glial activators: key targets for treating central sensitization in chronic pain patients?. Expert Opinion on Therapeutic Targets, 2017, 21, 817-826.	1.5	95
44	Treatment of central sensitization in patients with â€˜unexplainedâ€™ chronic pain: what options do we have?. Expert Opinion on Pharmacotherapy, 2011, 12, 1087-1098.	0.9	94
45	Treatment of central sensitization in patients with chronic pain: time for change?. Expert Opinion on Pharmacotherapy, 2019, 20, 1961-1970.	0.9	94
46	The role of mitochondrial dysfunctions due to oxidative and nitrosative stress in the chronic pain or chronic fatigue syndromes and fibromyalgia patients: peripheral and central mechanisms as therapeutic targets?. Expert Opinion on Therapeutic Targets, 2013, 17, 1081-1089.	1.5	93
47	Analgesic effects of manual therapy in patients with musculoskeletal pain: A systematic review. Manual Therapy, 2015, 20, 250-256.	1.6	93
48	Lack of Endogenous Pain Inhibition During Exercise in People With Chronic Whiplash Associated Disorders: An Experimental Study. Journal of Pain, 2012, 13, 242-254.	0.7	91
49	Pacing as a strategy to improve energy management in myalgic encephalomyelitis/chronic fatigue syndrome: a consensus document. Disability and Rehabilitation, 2012, 34, 1140-1147.	0.9	89
50	Risk factors of pain in breast cancer survivors: a systematic review and meta-analysis. Supportive Care in Cancer, 2017, 25, 3607-3643.	1.0	88
51	Developing a core outcome domain set to assessing effectiveness of interdisciplinary multimodal pain therapy: the VAPAIN consensus statement on core outcome domains. Pain, 2018, 159, 673-683.	2.0	86
52	Nociception Affects Motor Output. Clinical Journal of Pain, 2012, 28, 175-181.	0.8	83
53	Kinesiophobia in chronic fatigue syndrome: Assessment and associations with disability11No commercial party having a direct financial interest in the results of the research supporting this article has or will confer a benefit upon the authors(s) or upon any organization with which the author(s) is/are associated.. Archives of Physical Medicine and Rehabilitation, 2004, 85, 1586-1592.	0.5	82
54	Low Back Pain: Clinimetric Properties of the Trendelenburg Test, Active Straight Leg Raise Test, and Breathing Pattern During Active Straight Leg Raising. Journal of Manipulative and Physiological Therapeutics, 2007, 30, 270-278.	0.4	82

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55	Chronic fatigue syndrome: An approach combining self-management with graded exercise to avoid exacerbations. Journal of Rehabilitation Medicine, 2008, 40, 241-247.	0.8	82
56	Best Evidence Rehabilitation for Chronic Pain Part 3: Low Back Pain. Journal of Clinical Medicine, 2019, 8, 1063.	1.0	80
57	Pain Mechanisms in Low Back Pain: A Systematic Review With Meta-analysis of Mechanical Quantitative Sensory Testing Outcomes in People With Nonspecific Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 698-715.	1.7	79
58	Scapular Positioning in Patients With Shoulder Pain: A Study Examining the Reliability and Clinical Importance of 3 Clinical Tests. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1349-1355.	0.5	78
59	Clinical assessment of the scapula: a review of the literature. British Journal of Sports Medicine, 2014, 48, 883-890.	3.1	77
60	Pain following cancer treatment: Guidelines for the clinical classification of predominant neuropathic, nociceptive and central sensitization pain. Acta OncolÃ³gica, 2016, 55, 659-663.	0.8	77
61	Chronic musculoskeletal pain in patients with the chronic fatigue syndrome: A systematic review. European Journal of Pain, 2007, 11, 377-386.	1.4	75
62	Endogenous Pain Modulation in Response to Exercise in Patients with Rheumatoid Arthritis, Patients with Chronic Fatigue Syndrome and Comorbid Fibromyalgia, and Healthy Controls: A Doubleâ€Blind Randomized Controlled Trial. Pain Practice, 2015, 15, 98-106.	0.9	71
63	Psychological Distress and Widespread Pain Contribute to the Variance of the Central Sensitization Inventory: A Crossâ€Sectional Study in Patients with Chronic Pain. Pain Practice, 2018, 18, 239-246.	0.9	71
64	Malfunctioning of the autonomic nervous system in patients with chronic fatigue syndrome: a systematic literature review. European Journal of Clinical Investigation, 2014, 44, 516-526.	1.7	67
65	A clinical perspective on a pain neuroscience education approach to manual therapy. Journal of Manual and Manipulative Therapy, 2017, 25, 160-168.	0.7	65
66	Dimensionality and Reliability of the Central Sensitization Inventory in a Pooled Multicountry Sample. Journal of Pain, 2018, 19, 317-329.	0.7	65
67	Rehabilitation of chronic whiplash: treatment of cervical dysfunctions or chronic pain syndrome?. Clinical Rheumatology, 2009, 28, 243-251.	1.0	64
68	Dysfunctional pain inhibition in patients with chronic whiplash-associated disorders: an experimental study. Clinical Rheumatology, 2013, 32, 23-31.	1.0	64
69	Recognition and Treatment of Central Sensitization in Chronic Pain Patients: Not Limited to Specialized Care. Journal of Orthopaedic and Sports Physical Therapy, 2016, 46, 1024-1028.	1.7	64
70	A Multivariable Prediction Model for the Chronification of Non-traumatic Shoulder Pain: A Systematic Review. Pain Physician, 2016, 19, 1-10.	0.3	64
71	Blended-Learning Pain Neuroscience Education for People With Chronic Spinal Pain: Randomized Controlled Multicenter Trial. Physical Therapy, 2018, 98, 357-368.	1.1	63
72	Clinical descriptors for the recognition of central sensitization pain in patients with knee osteoarthritis. Disability and Rehabilitation, 2018, 40, 2836-2845.	0.9	63

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73	Prevalence and risk factors of sleep disturbances in breast cancersurvivors: systematic review and meta-analyses. Supportive Care in Cancer, 2019, 27, 4401-4433.	1.0	63
74	Written Pain Neuroscience Education in Fibromyalgia: A Multicenter Randomized Controlled Trial. Pain Practice, 2014, 14, 689-700.	0.9	62
75	Lifestyle and Chronic Pain across the Lifespan: An Inconvenient Truth?. PM and R, 2020, 12, 410-419.	0.9	62
76	Altered immune response to exercise in patients with chronic fatigue syndrome/myalgic encephalomyelitis: a systematic literature review. Exercise Immunology Review, 2014, 20, 94-116.	0.4	61
77	High prevalence ofMycoplasmainfections among European chronic fatigue syndrome patients. Examination of fourMycoplasmaspecies in blood of chronic fatigue syndrome patients. FEMS Immunology and Medical Microbiology, 2002, 34, 209-214.	2.7	58
78	Clinimetric properties of illness perception questionnaire revised (IPQ-R) and brief illness perception questionnaire (Brief IPQ) in patients with musculoskeletal disorders: A systematic review. Manual Therapy, 2015, 20, 10-17.	1.6	56
79	Do Nutritional Factors Interact with Chronic Musculoskeletal Pain? A Systematic Review. Journal of Clinical Medicine, 2020, 9, 702.	1.0	56
80	Prevalence, Incidence, Localization, and Pathophysiology of Myofascial Trigger Points in Patients With Spinal Pain: A Systematic Literature Review. Journal of Manipulative and Physiological Therapeutics, 2015, 38, 587-600.	0.4	55
81	Clinical Assessment of Scapular Positioning in Musicians: An Intertester Reliability Study. Journal of Athletic Training, 2009, 44, 519-526.	0.9	54
82	Preoperative Pain Neuroscience Education Combined With Knee Joint Mobilization for Knee Osteoarthritis. Clinical Journal of Pain, 2018, 34, 44-52.	0.8	53
83	Chronic Pain in Breast Cancer Survivors: Nociceptive, Neuropathic, or Central Sensitization Pain?. Pain Practice, 2019, 19, 183-195.	0.9	52
84	Clinical Assessment of Scapular Positioning in Patients with Shoulder Pain: State of the Art. Journal of Manipulative and Physiological Therapeutics, 2007, 30, 69-75.	0.4	51
85	You May Need a Nerve to Treat Pain. Clinical Journal of Pain, 2014, 30, 1099-1105.	0.8	51
86	Exercise Performance and Chronic Pain in Chronic Fatigue Syndrome: The Role of Pain Catastrophizing. Pain Medicine, 2008, 9, 1164-1172.	0.9	50
87	Association Between Symptoms of Central Sensitization and Cognitive Behavioral Factors in People With Chronic Nonspecific Low Back Pain: A Cross-sectional Study. Journal of Manipulative and Physiological Therapeutics, 2018, 41, 92-101.	0.4	49
88	Altered breathing patterns during lumbopelvic motor control tests in chronic low back pain: a caseâ€“control study. European Spine Journal, 2009, 18, 1066-1073.	1.0	46
89	Generalized Joint Hypermobility Is More Common in Chronic Fatigue Syndrome Than in Healthy Control Subjects. Journal of Manipulative and Physiological Therapeutics, 2006, 29, 32-39.	0.4	45
90	Cognitive Performance Is Related to Central Sensitization and Health-related Quality of Life in Patients with Chronic Whiplash-Associated Disorders and Fibromyalgia. Pain Physician, 2015, 18, E389-401.	0.3	45

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91	Evidence for generalized hyperalgesia in chronic fatigue syndrome: a case control study. Clinical Rheumatology, 2010, 29, 393-398.	1.0	44
92	Chronic Fatigue Syndrome: Lack of Association Between Pain-Related Fear of Movement and Exercise Capacity and Disability. Physical Therapy, 2004, 84, 696-705.	1.1	43
93	Sensorimotor incongruence exacerbates symptoms in patients with chronic whiplash associated disorders: an experimental study. Rheumatology, 2012, 51, 1492-1499.	0.9	43
94	Association between cognitive performance, physical fitness, and physical activity level in women with chronic fatigue syndrome. Journal of Rehabilitation Research and Development, 2013, 50, 795-810.	1.6	43
95	Psychometric Properties of the Dutch Chronic Fatigue Syndromeâ€“Activities and Participation Questionnaire (CFS-APQ). Physical Therapy, 2003, 83, 444-454.	1.1	41
96	Lack of evidence for central sensitization in idiopathic, non-traumatic neck pain: a systematic review. Pain Physician, 2015, 18, 223-36.	0.3	41
97	Chronic musculoskeletal pain in chronic fatigue syndrome: Recent developments and therapeutic implications. Manual Therapy, 2006, 11, 187-191.	1.6	40
98	Influence of shoulder pain on muscle function: implications for the assessment and therapy of shoulder disorders. European Journal of Applied Physiology, 2015, 115, 225-234.	1.2	40
99	Chronic Musculoskeletal Pain and Nutrition: Where Are We and Where Are We Heading?. PM and R, 2020, 12, 1268-1278.	0.9	40
100	Applying contemporary neuroscience in exercise interventions for chronic spinal pain: treatment protocol. Brazilian Journal of Physical Therapy, 2017, 21, 378-387.	1.1	39
101	Multivariable modeling of factors associated with spinal pain in young adolescence. European Spine Journal, 2016, 25, 2809-2821.	1.0	38
102	How Much Is Needed? Comparison of the Effectiveness of Different Pain Education Dosages in Patients with Fibromyalgia. Pain Medicine, 2020, 21, 782-793.	0.9	38
103	How to exercise people with chronic fatigue syndrome: evidenceâ€based practice guidelines. European Journal of Clinical Investigation, 2012, 42, 1136-1144.	1.7	37
104	What is in a name? Comparing diagnostic criteria for chronic fatigue syndrome with or without fibromyalgia. Clinical Rheumatology, 2016, 35, 191-203.	1.0	37
105	Integrating Motivational Interviewing in Pain Neuroscience Education for People With Chronic Pain: A Practical Guide for Clinicians. Physical Therapy, 2020, 100, 846-859.	1.1	37
106	Activity Pacing Self-Management in Chronic Fatigue Syndrome: A Randomized Controlled Trial. American Journal of Occupational Therapy, 2015, 69, 6905290020p1-6905290020p11.	0.1	37
107	Chronic Fatigue Syndrome: Exercise Performance Related to Immune Dysfunction. Medicine and Science in Sports and Exercise, 2005, 37, 1647-1654.	0.2	36
108	Patients With Chronic Spinal Pain Benefit From Pain Neuroscience Education Regardless the Selfâ€Reported Signs of Central Sensitization: Secondary Analysis of a Randomized Controlled Multicenter Trial. PM and R, 2018, 10, 1330.	0.9	35

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109	Epigenetic and miRNA Expression Changes in People with Pain: A Systematic Review. Journal of Pain, 2020, 21, 763-780.	0.7	35
110	Validity of Cross-friction Algometry Procedure in Referred Muscle Pain Syndromes. Clinical Journal of Pain, 2008, 24, 456-462.	0.8	34
111	Tired of being inactive: a systematic literature review of physical activity, physiological exercise capacity and muscle strength in patients with chronic fatigue syndrome. Disability and Rehabilitation, 2011, 33, 1493-1500.	0.9	34
112	Physical therapists should integrate illness perceptions in their assessment in patients with chronic musculoskeletal pain; a qualitative analysis. Manual Therapy, 2014, 19, 229-234.	1.6	34
113	The effectiveness of a self-management occupational therapy intervention on activity performance in individuals with multiple sclerosis-related fatigue: a randomized-controlled trial. International Journal of Rehabilitation Research, 2016, 39, 255-262.	0.7	34
114	Kinesiophobia and symptomatology in chronic fatigue syndrome: A psychometric study of two questionnaires. Psychology and Psychotherapy: Theory, Research and Practice, 2008, 81, 273-283.	1.3	33
115	Cervical motor dysfunction and its predictive value for long-term recovery in patients with acute whiplash-associated disorders: A systematic review. Journal of Rehabilitation Medicine, 2013, 45, 113-122.	0.8	33
116	The effect of relaxation therapy on autonomic functioning, symptoms and daily functioning, in patients with chronic fatigue syndrome or fibromyalgia: a systematic review. Clinical Rehabilitation, 2015, 29, 221-233.	1.0	33
117	Kinesiophobia and maladaptive coping strategies prevent improvements in pain catastrophizing following pain neuroscience education in fibromyalgia/chronic fatigue syndrome: An explorative study. Physiotherapy Theory and Practice, 2017, 33, 653-660.	0.6	33
118	Nutritional intervention in chronic pain: an innovative way of targeting central nervous system sensitization?. Expert Opinion on Therapeutic Targets, 2020, 24, 793-803.	1.5	33
119	Sensorimotor incongruence triggers sensory disturbances in professional violinists: an experimental study. Rheumatology, 2010, 49, 1281-1289.	0.9	32
120	Efficacy of a modern neuroscience approach versus usual care evidence-based physiotherapy on pain, disability and brain characteristics in chronic spinal pain patients: protocol of a randomized clinical trial. BMC Musculoskeletal Disorders, 2014, 15, 149.	0.8	32
121	Trait Sensitivity, Anxiety, and Personality Are Predictive of Central Sensitization Symptoms in Patients with Chronic Low Back Pain. Pain Practice, 2019, 19, 800-810.	0.9	32
122	Explaining pain following cancer: a practical guide for clinicians. Brazilian Journal of Physical Therapy, 2019, 23, 367-377.	1.1	32
123	The Interplay between Oxidative Stress, Exercise, and Pain in Health and Disease: Potential Role of Autonomic Regulation and Epigenetic Mechanisms. Antioxidants, 2020, 9, 1166.	2.2	32
124	Can pacing self-management alter physical behavior and symptom severity in chronic fatigue syndrome? A case series. Journal of Rehabilitation Research and Development, 2009, 46, 985.	1.6	32
125	Activity Limitations and Participation Restrictions in Patients with Chronic Fatigue Syndromâ€"Construction of a Disease Specific Questionnaire. The Journal of Chronic Fatigue Syndrome: Multidisciplinary Innovations in Researchory and Clinical Practice, 2002, 10, 3-23.	0.4	31
126	Symptom Fluctuations and Daily Physical Activity in Patients With Chronic Fatigue Syndrome: A Case-Control Study. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1820-1826.	0.5	31

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127	Can exercise limits prevent post-exertional malaise in chronic fatigue syndrome? An uncontrolled clinical trial. Clinical Rehabilitation, 2008, 22, 426-435.	1.0	30
128	Role of psychological aspects in both chronic pain and in daily functioning in chronic fatigue syndrome: a prospective longitudinal study. Clinical Rheumatology, 2012, 31, 921-929.	1.0	30
129	Interrater and intrarater reliability of the pectoralis minor muscle length measurement in subjects with and without shoulder impingement symptoms. Manual Therapy, 2014, 19, 294-298.	1.6	30
130	Influence of Morphine and Naloxone on Pain Modulation in Rheumatoid Arthritis, Chronic Fatigue Syndrome/Fibromyalgia, and Controls: A Doubleâ€Blind, Randomized, Placeboâ€Controlled, Crossâ€Over Study. Pain Practice, 2018, 18, 418-430.	0.9	30
131	Pain in patients with chronic fatigue syndrome: Does nitric oxide trigger central sensitisation?. Medical Hypotheses, 2005, 64, 558-562.	0.8	29
132	Development and Properties of the Dutch Neurophysiology of Pain Test in Patients with Chronic Fatigue Syndrome. Journal of Musculoskeletal Pain, 2010, 18, 58-65.	0.3	29
133	Modern pain neuroscience in clinical practice: applied to post-cancer, paediatric and sports-related pain. Brazilian Journal of Physical Therapy, 2017, 21, 225-232.	1.1	29
134	Return to work following surgery for lumbar radiculopathy: a systematic review. Spine Journal, 2018, 18, 1694-1714.	0.6	29
135	Is the International Physical Activity Questionnaire-Short Form (IPAQ-SF) valid for assessing physical activity in chronic fatigue syndrome?. Disability and Rehabilitation, 2011, 33, 9-16.	0.9	28
136	Effects of Aerobic Endurance, Muscle Strength, and Motor Control Exercise on Physical Fitness and Musculoskeletal Injury Rate in Preprofessional Dancers: An Uncontrolled Trial. Journal of Manipulative and Physiological Therapeutics, 2012, 35, 381-389.	0.4	28
137	Do Psychosocial Factors Predict Muscle Strength, Pain, or Physical Performance in Patients With Knee Osteoarthritis?. Journal of Clinical Rheumatology, 2017, 23, 308-316.	0.5	28
138	DNA Methylation and Brainâ€Derived Neurotrophic Factor Expression Account for Symptoms and Widespread Hyperalgesia in Patients With Chronic Fatigue Syndrome and Comorbid Fibromyalgia. Arthritis and Rheumatology, 2020, 72, 1936-1944.	2.9	28
139	Kinesiophobia, catastrophizing and anticipated symptoms before stair climbing in chronic fatigue syndrome: an experimental study. Disability and Rehabilitation, 2012, 34, 1299-1305.	0.9	27
140	Interrelationships between pain processing, cortisol and cognitive performance in chronic whiplash-associated disorders. Clinical Rheumatology, 2015, 34, 545-553.	1.0	27
141	History taking by physiotherapists with low back pain patients: are illness perceptions addressed properly?. Disability and Rehabilitation, 2016, 38, 1268-1279.	0.9	27
142	What is important in transdisciplinary pain neuroscience education? A qualitative study. Disability and Rehabilitation, 2018, 40, 2181-2191.	0.9	27
143	When Environment Meets Genetics: A Clinical ReviewÂof the Epigenetics of Pain, Psychological Factors, and Physical Activity. Archives of Physical Medicine and Rehabilitation, 2019, 100, 1153-1161.	0.5	27
144	Lower Resting State Heart Rate Variability Relates to High Pain Catastrophizing in Patients with Chronic Whiplashâ€Associated Disorders and Healthy Controls. Pain Practice, 2016, 16, 1048-1053.	0.9	26

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145	Diverse Role of Biological Plasticity in Low Back Pain and Its Impact on Sensorimotor Control of the Spine. Journal of Orthopaedic and Sports Physical Therapy, 2019, 49, 389-401.	1.7	25
146	Revisiting the Provision of Pain Neuroscience Education: An Adjunct Intervention for Patients but a Primary Focus of Clinician Education. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 57-59.	1.7	25
147	The efficacy of patient education in whiplash associated disorders: a systematic review. Pain Physician, 2012, 15, 351-61.	0.3	25
148	What Are the Predictors of Altered Central Pain Modulation in Chronic Musculoskeletal Pain Populations? A Systematic Review. Pain Physician, 2017, 20, 487-500.	0.3	25
149	Development and feasibility testing of a Pain Neuroscience Education program for children with chronic pain: treatment protocol. Brazilian Journal of Physical Therapy, 2018, 22, 248-253.	1.1	24
150	Best-Evidence Rehabilitation for Chronic Pain Part 2: Pain during and after Cancer Treatment. Journal of Clinical Medicine, 2019, 8, 979.	1.0	24
151	The Association between Sleep and Chronic Spinal Pain: A Systematic Review from the Last Decade. Journal of Clinical Medicine, 2021, 10, 3836.	1.0	24
152	Pain in Patients with Chronic Fatigue Syndrome: Time for Specific Pain Treatment?. Pain Physician, 2012, 5;15, E677-E686.	0.3	24
153	Long-term functioning following whiplash injury: the role of social support and personality traits. Clinical Rheumatology, 2011, 30, 927-935.	1.0	23
154	Hypermobility in Patients with Chronic Fatigue Syndrome: Preliminary Observations. Journal of Musculoskeletal Pain, 2004, 12, 9-17.	0.3	22
155	Cognitive performance is of clinical importance, but is unrelated to pain severity in women with chronic fatigue syndrome. Clinical Rheumatology, 2013, 32, 1475-1485.	1.0	22
156	Effect of a physical conditioning versus health promotion intervention in dancers: A randomized controlled trial. Manual Therapy, 2014, 19, 562-568.	1.6	22
157	Nutritional neurobiology and central nervous system sensitisation: missing link in a comprehensive treatment for chronic pain?. British Journal of Anaesthesia, 2019, 123, 539-543.	1.5	22
158	Relationship Between Exercise-induced Oxidative Stress Changes and Parasympathetic Activity in Chronic Fatigue Syndrome: An Observational Study in Patients and Healthy Subjects. Clinical Therapeutics, 2019, 41, 641-655.	1.1	22
159	Towards the endotyping of the sleepâ€“pain interaction: a topical review on multitarget strategies based on phenotypic vulnerabilities and putative pathways. Pain, 2021, 162, 1281-1288.	2.0	22
160	Impairments of the 2-5A synthetase/RNase L pathway in chronic fatigue syndrome. In Vivo, 2005, 19, 1013-21.	0.6	22
161	Associations Between Bronchial Hyperresponsiveness and Immune Cell Parameters in Patients With Chronic Fatigue Syndrome. Chest, 2003, 123, 998-1007.	0.4	21
162	Reliability of the Assessment of Lumbar Range of Motion and Maximal Isometric Strength in Patients With Chronic Low Back Pain. Archives of Physical Medicine and Rehabilitation, 2008, 89, 788-791.	0.5	21

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163	The added value of cognitive behavioral therapy for insomnia to current best evidence physical therapy for chronic spinal pain: protocol of a randomized controlled clinical trial. Brazilian Journal of Physical Therapy, 2019, 23, 62-70.	1.1	21
164	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
165	Altered perception of distorted visual feedback occurs soon after whiplash injury: an experimental study of central nervous system processing. Pain Physician, 2012, 15, 405-13.	0.3	21
166	Chronic fatigue syndrome: intracellular immune deregulations as a possible etiology for abnormal exercise response. Medical Hypotheses, 2004, 62, 759-765.	0.8	20
167	Recruitment bias in chronic pain research: whiplash as a model. Clinical Rheumatology, 2011, 30, 1481-1489.	1.0	20
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