

Mira Meeus

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

202
papers

6,768
citations

46
h-index

75
g-index

219
ext. papers

8,378
ext. citations

3.2
avg, IF

6.08
L-index

#	Paper	IF	Citations
202	Central sensitization: a biopsychosocial explanation for chronic widespread pain in patients with fibromyalgia and chronic fatigue syndrome. <i>Clinical Rheumatology</i> , 2007 , 26, 465-73	3.9	353
201	How to explain central sensitization to patients with unexplained chronic musculoskeletal pain: practice guidelines. <i>Manual Therapy</i> , 2011 , 16, 413-8		210
200	Central sensitization and altered central pain processing in chronic low back pain: fact or myth?. <i>Clinical Journal of Pain</i> , 2013 , 29, 625-38	3.5	186
199	Central sensitization in fibromyalgia? A systematic review on structural and functional brain MRI. <i>Seminars in Arthritis and Rheumatism</i> , 2014 , 44, 68-75	5.3	177
198	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. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010 , 91, 1153-9	2.8	160
197	Applying modern pain neuroscience in clinical practice: criteria for the classification of central sensitization pain. <i>Pain Physician</i> , 2014 , 17, 447-57	1.8	151
196	Evidence for central sensitization in chronic whiplash: a systematic literature review. <i>European Journal of Pain</i> , 2013 , 17, 299-312	3.7	140
195	Physiologic effects of dry needling. <i>Current Pain and Headache Reports</i> , 2013 , 17, 348	4.2	138
194	Structural and functional brain abnormalities in chronic low back pain: A systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2015 , 45, 229-37	5.3	134
193	Central sensitization in patients with rheumatoid arthritis: a systematic literature review. <i>Seminars in Arthritis and Rheumatism</i> , 2012 , 41, 556-67	5.3	131
192	Reduced pressure pain thresholds in response to exercise in chronic fatigue syndrome but not in chronic low back pain: an experimental study. <i>Journal of Rehabilitation Medicine</i> , 2010 , 42, 884-90	3.4	127
191	Pain physiology education improves health status and endogenous pain inhibition in fibromyalgia: a double-blind randomized controlled trial. <i>Clinical Journal of Pain</i> , 2013 , 29, 873-82	3.5	126
190	In the mind or in the brain? Scientific evidence for central sensitisation in chronic fatigue syndrome. <i>European Journal of Clinical Investigation</i> , 2012 , 42, 203-12	4.6	116
189	Dysfunctional endogenous analgesia during exercise in patients with chronic pain: to exercise or not to exercise?. <i>Pain Physician</i> , 2012 , 15, ES205-13	1.8	114
188	Heart rate variability in patients with fibromyalgia and patients with chronic fatigue syndrome: a systematic review. <i>Seminars in Arthritis and Rheumatism</i> , 2013 , 43, 279-87	5.3	109
187	Pain neurophysiology education improves cognitions, pain thresholds, and movement performance in people with chronic whiplash: a pilot study. <i>Journal of Rehabilitation Research and Development</i> , 2011 , 48, 43-58		109
186	Treatment of central sensitization in patients with unexplained chronic pain: an update. <i>Expert Opinion on Pharmacotherapy</i> , 2014 , 15, 1671-83	4	102

185	Fear of movement and avoidance behaviour toward physical activity in chronic-fatigue syndrome and fibromyalgia: state of the art and implications for clinical practice. <i>Clinical Rheumatology</i> , 2013 , 32, 1121-9	3.9	99
184	Diffuse noxious inhibitory control is delayed in chronic fatigue syndrome: an experimental study. <i>Pain</i> , 2008 , 139, 439-448	8	98
183	A modern neuroscience approach to chronic spinal pain: combining pain neuroscience education with cognition-targeted motor control training. <i>Physical Therapy</i> , 2014 , 94, 730-8	3.3	93
182	Clinical biopsychosocial physiotherapy assessment of patients with chronic pain: The first step in pain neuroscience education. <i>Physiotherapy Theory and Practice</i> , 2016 , 32, 368-84	1.5	91
181	Brain-derived neurotrophic factor as a driving force behind neuroplasticity in neuropathic and central sensitization pain: a new therapeutic target?. <i>Expert Opinion on Therapeutic Targets</i> , 2015 , 19, 565-76	6.4	91
180	Scapulothoracic muscle activity and recruitment timing in patients with shoulder impingement symptoms and glenohumeral instability. <i>Journal of Electromyography and Kinesiology</i> , 2014 , 24, 277-84	2.5	89
179	The Dutch Central Sensitization Inventory (CSI): Factor Analysis, Discriminative Power, and Test-Retest Reliability. <i>Clinical Journal of Pain</i> , 2016 , 32, 624-30	3.5	88
178	Effect of Pain Neuroscience Education Combined With Cognition-Targeted Motor Control Training on Chronic Spinal Pain: A Randomized Clinical Trial. <i>JAMA Neurology</i> , 2018 , 75, 808-817	17.2	85
177	Treatment of central sensitization in patients with unexplained chronic pain: what options do we have?. <i>Expert Opinion on Pharmacotherapy</i> , 2011 , 12, 1087-98	4	81
176	Management of chronic sensitization, from drugs to physical therapy. <i>Journal of Headache and Pain</i> , 2013 , 14,	8.8	78
175	Structural Changes of Lumbar Muscles in Non-specific Low Back Pain: A Systematic Review. <i>Pain Physician</i> , 2016 , 19, E985-E1000	1.8	75
174	Lumbar muscle structure and function in chronic versus recurrent low back pain: a cross-sectional study. <i>Spine Journal</i> , 2017 , 17, 1285-1296	4	73
173	Expanded Distribution of Pain as a Sign of Central Sensitization in Individuals With Symptomatic Knee Osteoarthritis. <i>Physical Therapy</i> , 2016 , 96, 1196-207	3.3	70
172	Pain inhibition and postexertional malaise in myalgic encephalomyelitis/chronic fatigue syndrome: an experimental study. <i>Journal of Internal Medicine</i> , 2010 , 268, 265-78	10.8	68
171	Analgesic effects of manual therapy in patients with musculoskeletal pain: a systematic review. <i>Manual Therapy</i> , 2015 , 20, 250-6		65
170	Inventory of Personal Factors Influencing Conditioned Pain Modulation in Healthy People: A Systematic Literature Review. <i>Pain Practice</i> , 2016 , 16, 758-69	3	64
169	Lack of endogenous pain inhibition during exercise in people with chronic whiplash associated disorders: an experimental study. <i>Journal of Pain</i> , 2012 , 13, 242-54	5.2	62
168	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?. <i>Expert Opinion on Therapeutic Targets</i> , 2013 , 17, 1081-9	6.4	62

167	Central sensitization in urogynecological chronic pelvic pain: a systematic literature review. <i>Pain Physician</i> , 2013 , 16, 291-308	1.8	60
166	Chronic musculoskeletal pain in patients with the chronic fatigue syndrome: a systematic review. <i>European Journal of Pain</i> , 2007 , 11, 377-86	3.7	59
165	Relations Between Brain Alterations and Clinical Pain Measures in Chronic Musculoskeletal Pain: A Systematic Review. <i>Journal of Pain</i> , 2016 , 17, 949-62	5.2	58
164	Does pre-surgical central modulation of pain influence outcome after total knee replacement? A systematic review. <i>Osteoarthritis and Cartilage</i> , 2016 , 24, 213-23	6.2	58
163	Pain following cancer treatment: Guidelines for the clinical classification of predominant neuropathic, nociceptive and central sensitization pain. <i>Acta Oncologica</i> , 2016 , 55, 659-63	3.2	58
162	Chronic pain in patients with the hypermobility type of Ehlers-Danlos syndrome: evidence for generalized hyperalgesia. <i>Clinical Rheumatology</i> , 2015 , 34, 1121-9	3.9	56
161	Malfunctioning of the autonomic nervous system in patients with chronic fatigue syndrome: a systematic literature review. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 516-26	4.6	56
160	Sleep Disturbances in Chronic Pain: Neurobiology, Assessment, and Treatment in Physical Therapist Practice. <i>Physical Therapy</i> , 2018 , 98, 325-335	3.3	50
159	Sleep disturbances and severe stress as glial activators: key targets for treating central sensitization in chronic pain patients?. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 817-826	6.4	50
158	The role of psychological factors in the perpetuation of pain intensity and disability in people with chronic shoulder pain: a systematic review. <i>BMJ Open</i> , 2018 , 8, e020703	3	48
157	Psychological Distress and Widespread Pain Contribute to the Variance of the Central Sensitization Inventory: A Cross-Sectional Study in Patients with Chronic Pain. <i>Pain Practice</i> , 2018 , 18, 239-246	3	46
156	Endogenous pain modulation in response to exercise in patients with rheumatoid arthritis, patients with chronic fatigue syndrome and comorbid fibromyalgia, and healthy controls: a double-blind randomized controlled trial. <i>Pain Practice</i> , 2015 , 15, 98-106	3	46
155	Altered immune response to exercise in patients with chronic fatigue syndrome/myalgic encephalomyelitis: a systematic literature review. <i>Exercise Immunology Review</i> , 2014 , 20, 94-116	8.6	46
154	Balancing "hands-on" with "hands-off" physical therapy interventions for the treatment of central sensitization pain in osteoarthritis. <i>Manual Therapy</i> , 2015 , 20, 349-52		44
153	Current evidence on physical therapy in patients with adhesive capsulitis: what are we missing?. <i>Clinical Rheumatology</i> , 2014 , 33, 593-600	3.9	43
152	Cognitive Performance Is Related to Central Sensitization and Health-related Quality of Life in Patients with Chronic Whiplash-Associated Disorders and Fibromyalgia. <i>Pain Physician</i> , 2015 , 18, E389-401 ¹⁸		43
151	Central Pain Processing in Patients with Shoulder Pain: A Review of the Literature. <i>Pain Practice</i> , 2017 , 17, 267-280	3	42
150	Clinimetric properties of illness perception questionnaire revised (IPQ-R) and brief illness perception questionnaire (Brief IPQ) in patients with musculoskeletal disorders: A systematic review. <i>Manual Therapy</i> , 2015 , 20, 10-7		41

149	Does scapular positioning predict shoulder pain in recreational overhead athletes?. <i>International Journal of Sports Medicine</i> , 2014 , 35, 75-82	3.6	41
148	Are Pain Beliefs, Cognitions, and Behaviors Influenced by Race, Ethnicity, and Culture in Patients with Chronic Musculoskeletal Pain: A Systematic Review. <i>Pain Physician</i> , 2018 , 21, 541-558	1.8	41
147	Lack of evidence for central sensitization in idiopathic, non-traumatic neck pain: a systematic review. <i>Pain Physician</i> , 2015 , 18, 223-36	1.8	37
146	Convergent Validity of the Dutch Central Sensitization Inventory: Associations with Psychophysical Pain Measures, Quality of Life, Disability, and Pain Cognitions in Patients with Chronic Spinal Pain. <i>Pain Practice</i> , 2018 , 18, 777-787	3	35
145	Evidence for Autonomic Function and Its Influencing Factors in Subjects With COPD: A Systematic Review. <i>Respiratory Care</i> , 2015 , 60, 1841-51	2.1	34
144	The influence of sprint interval training on body composition, physical and metabolic fitness in adolescents and young adults with intellectual disability: a randomized controlled trial. <i>Clinical Rehabilitation</i> , 2014 , 28, 221-31	3.3	34
143	Chronic musculoskeletal pain in chronic fatigue syndrome: recent developments and therapeutic implications. <i>Manual Therapy</i> , 2006 , 11, 187-91		34
142	Blended-Learning Pain Neuroscience Education for People With Chronic Spinal Pain: Randomized Controlled Multicenter Trial. <i>Physical Therapy</i> , 2018 , 98, 357-368	3.3	33
141	Does acupuncture activate endogenous analgesia in chronic whiplash-associated disorders? A randomized crossover trial. <i>European Journal of Pain</i> , 2013 , 17, 279-89	3.7	33
140	Evidence for generalized hyperalgesia in chronic fatigue syndrome: a case control study. <i>Clinical Rheumatology</i> , 2010 , 29, 393-8	3.9	33
139	Association between cognitive performance, physical fitness, and physical activity level in women with chronic fatigue syndrome. <i>Journal of Rehabilitation Research and Development</i> , 2013 , 50, 795-810		32
138	Chronic fatigue syndrome: exercise performance related to immune dysfunction. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 1647-54	1.2	32
137	Effect of Pain Induction or Pain Reduction on Conditioned Pain Modulation in Adults: A Systematic Review. <i>Pain Practice</i> , 2015 , 15, 765-77	3	31
136	Influence of shoulder pain on muscle function: implications for the assessment and therapy of shoulder disorders. <i>European Journal of Applied Physiology</i> , 2015 , 115, 225-34	3.4	31
135	Tired of being inactive: a systematic literature review of physical activity, physiological exercise capacity and muscle strength in patients with chronic fatigue syndrome. <i>Disability and Rehabilitation</i> , 2011 , 33, 1493-500	2.4	30
134	Energy Expenditure during Functional Daily Life Performances in Patients with Fibromyalgia. <i>Pain Practice</i> , 2015 , 15, 748-56	3	29
133	Differences in Pain Processing Between Patients with Chronic Low Back Pain, Recurrent Low Back Pain, and Fibromyalgia. <i>Pain Physician</i> , 2017 , 20, 307-318	1.8	29
132	What is in a name? Comparing diagnostic criteria for chronic fatigue syndrome with or without fibromyalgia. <i>Clinical Rheumatology</i> , 2016 , 35, 191-203	3.9	28

131	Interrater and intrarater reliability of the pectoralis minor muscle length measurement in subjects with and without shoulder impingement symptoms. <i>Manual Therapy</i> , 2014 , 19, 294-8		28
130	Unravelling the nature of postexertional malaise in myalgic encephalomyelitis/chronic fatigue syndrome: the role of elastase, complement C4a and interleukin-1beta. <i>Journal of Internal Medicine</i> , 2010 , 267, 418-35	10.8	27
129	Can pacing self-management alter physical behavior and symptom severity in chronic fatigue syndrome? A case series. <i>Journal of Rehabilitation Research and Development</i> , 2009 , 46, 985-96		27
128	The association between pain beliefs and pain intensity and/or disability in people with shoulder pain: A systematic review. <i>Musculoskeletal Science and Practice</i> , 2018 , 37, 29-57	2.4	27
127	A Multivariable Prediction Model for the Chronification of Non-traumatic Shoulder Pain: A Systematic Review. <i>Pain Physician</i> , 2016 , 19, 1-10	1.8	27
126	The influence of cognitions, emotions and behavioral factors on treatment outcomes in musculoskeletal shoulder pain: a systematic review. <i>Clinical Rehabilitation</i> , 2019 , 33, 980-991	3.3	26
125	Role of psychological aspects in both chronic pain and in daily functioning in chronic fatigue syndrome: a prospective longitudinal study. <i>Clinical Rheumatology</i> , 2012 , 31, 921-9	3.9	26
124	Symptom fluctuations and daily physical activity in patients with chronic fatigue syndrome: a case-control study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011 , 92, 1820-6	2.8	26
123	Preoperative Pain Neuroscience Education Combined With Knee Joint Mobilization for Knee Osteoarthritis: A Randomized Controlled Trial. <i>Clinical Journal of Pain</i> , 2018 , 34, 44-52	3.5	25
122	The effect of relaxation therapy on autonomic functioning, symptoms and daily functioning, in patients with chronic fatigue syndrome or fibromyalgia: a systematic review. <i>Clinical Rehabilitation</i> , 2015 , 29, 221-33	3.3	25
121	The efficacy of patient education in whiplash associated disorders: a systematic review. <i>Pain Physician</i> , 2012 , 15, 351-61	1.8	25
120	Efficacy of Different Types of Mobilization Techniques in Patients With Primary Adhesive Capsulitis of the Shoulder: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016 , 97, 815-25	2.8	24
119	Pain characteristics as important contributing factors to upper limb dysfunctions in breast cancer survivors at long term. <i>Musculoskeletal Science and Practice</i> , 2017 , 29, 52-59	2.4	24
118	Kinesiophobia, catastrophizing and anticipated symptoms before stair climbing in chronic fatigue syndrome: an experimental study. <i>Disability and Rehabilitation</i> , 2012 , 34, 1299-305	2.4	24
117	Does Acetaminophen Activate Endogenous Pain Inhibition in Chronic Fatigue Syndrome/Fibromyalgia and Rheumatoid Arthritis? A DoubleBlind Randomized Controlled Cross-over Trial. <i>Pain Physician</i> , 2013 , 2;16, E61-E70	1.8	24
116	Influence of Morphine and Naloxone on Pain Modulation in Rheumatoid Arthritis, Chronic Fatigue Syndrome/Fibromyalgia, and Controls: A Double-Blind, Randomized, Placebo-Controlled, Cross-Over Study. <i>Pain Practice</i> , 2018 , 18, 418-430	3	23
115	Activity Pacing Self-Management in Chronic Fatigue Syndrome: A Randomized Controlled Trial. <i>American Journal of Occupational Therapy</i> , 2015 , 69, 6905290020	0.4	23
114	The European ME/CFS Biomarker Landscape project: an initiative of the European network EUROMENE. <i>Journal of Translational Medicine</i> , 2017 , 15, 162	8.5	22

113	Applying contemporary neuroscience in exercise interventions for chronic spinal pain: treatment protocol. <i>Brazilian Journal of Physical Therapy</i> , 2017 , 21, 378-387	3.7	22
112	The effectiveness of a self-management occupational therapy intervention on activity performance in individuals with multiple sclerosis-related fatigue: a randomized-controlled trial. <i>International Journal of Rehabilitation Research</i> , 2016 , 39, 255-62	1.8	22
111	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. <i>BMC Musculoskeletal Disorders</i> , 2014 , 15, 149	2.8	21
110	Differences Between Women With Traumatic and Idiopathic Chronic Neck Pain and Women Without Neck Pain: Interrelationships Among Disability, Cognitive Deficits, and Central Sensitization. <i>Physical Therapy</i> , 2017 , 97, 338-353	3.3	21
109	An Overview of Offset Analgesia and the Comparison with Conditioned Pain Modulation: A Systematic Literature Review. <i>Pain Physician</i> , 2016 , 19, 307-26	1.8	21
108	Development and Properties of the Dutch Neurophysiology of Pain Test in Patients with Chronic Fatigue Syndrome. <i>Journal of Musculoskeletal Pain</i> , 2010 , 18, 58-65		20
107	Patients With Chronic Spinal Pain Benefit From Pain Neuroscience Education Regardless the Self-Reported Signs of Central Sensitization: Secondary Analysis of a Randomized Controlled Multicenter Trial. <i>PM and R</i> , 2018 , 10, 1330-1343.e1	2.2	20
106	Differences in white matter structure and cortical thickness between patients with traumatic and idiopathic chronic neck pain: Associations with cognition and pain modulation?. <i>Human Brain Mapping</i> , 2018 , 39, 1721-1742	5.9	19
105	Is the International Physical Activity Questionnaire-short form (IPAQ-SF) valid for assessing physical activity in Chronic Fatigue Syndrome?. <i>Disability and Rehabilitation</i> , 2011 , 33, 9-16	2.4	19
104	How Much Is Needed? Comparison of the Effectiveness of Different Pain Education Dosages in Patients with Fibromyalgia. <i>Pain Medicine</i> , 2020 , 21, 782-793	2.8	18
103	Interrelationships between pain processing, cortisol and cognitive performance in chronic whiplash-associated disorders. <i>Clinical Rheumatology</i> , 2015 , 34, 545-53	3.9	17
102	Cognitive performance is of clinical importance, but is unrelated to pain severity in women with chronic fatigue syndrome. <i>Clinical Rheumatology</i> , 2013 , 32, 1475-85	3.9	17
101	Do Psychosocial Factors Predict Muscle Strength, Pain, or Physical Performance in Patients With Knee Osteoarthritis?. <i>Journal of Clinical Rheumatology</i> , 2017 , 23, 308-316	1.1	17
100	Chronic fatigue syndrome: intracellular immune deregulations as a possible etiology for abnormal exercise response. <i>Medical Hypotheses</i> , 2004 , 62, 759-65	3.8	17
99	Does acetaminophen activate endogenous pain inhibition in chronic fatigue syndrome/fibromyalgia and rheumatoid arthritis? A double-blind randomized controlled cross-over trial. <i>Pain Physician</i> , 2013 , 16, E61-70	1.8	17
98	Effects of Stress and Relaxation on Central Pain Modulation in Chronic Whiplash and Fibromyalgia Patients Compared to Healthy Controls. <i>Pain Physician</i> , 2016 , 19, 119-30	1.8	17
97	Kinesiophobia and maladaptive coping strategies prevent improvements in pain catastrophizing following pain neuroscience education in fibromyalgia/chronic fatigue syndrome: An explorative study. <i>Physiotherapy Theory and Practice</i> , 2017 , 33, 653-660	1.5	16
96	The role of self-efficacy in pain intensity, function, psychological factors, health behaviors, and quality of life in people with rheumatoid arthritis: A systematic review. <i>Physiotherapy Theory and Practice</i> , 2020 , 36, 21-37	1.5	16

95	Unravelling intracellular immune dysfunctions in chronic fatigue syndrome: interactions between protein kinase R activity, RNase L cleavage and elastase activity, and their clinical relevance. <i>In Vivo</i> , 2008 , 22, 115-21	2.3	16
94	Sensorimotor Incongruence in People with Musculoskeletal Pain: A Systematic Review. <i>Pain Practice</i> , 2017 , 17, 115-128	3	14
93	Treatment of pain following cancer: applying neuro-immunology in rehabilitation practice. <i>Disability and Rehabilitation</i> , 2018 , 40, 714-721	2.4	14
92	The effect of docetaxel on developing oedema in patients with breast cancer: a systematic review. <i>European Journal of Cancer Care</i> , 2016 , 25, 269-79	2.4	14
91	The Role of Autonomic Function in Exercise-induced Endogenous Analgesia: A Case-control Study in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and Healthy People. <i>Pain Physician</i> , 2017 , 20, E389-E399	1.8	14
90	The association between back muscle characteristics and pressure pain sensitivity in low back pain patients. <i>Scandinavian Journal of Pain</i> , 2018 , 18, 281-293	1.9	13
89	Best-Evidence Rehabilitation for Chronic Pain Part 2: Pain during and after Cancer Treatment. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	13
88	Development and feasibility testing of a Pain Neuroscience Education program for children with chronic pain: treatment protocol. <i>Brazilian Journal of Physical Therapy</i> , 2018 , 22, 248-253	3.7	12
87	Influence of symptom expectancies on stair-climbing performance in chronic fatigue syndrome: effect of study context. <i>International Journal of Behavioral Medicine</i> , 2013 , 20, 213-8	2.6	12
86	EduCan trial: study protocol for a randomised controlled trial on the effectiveness of pain neuroscience education after breast cancer surgery on pain, physical, emotional and work-related functioning. <i>BMJ Open</i> , 2019 , 9, e025742	3	12
85	Motor impairment in patients with chronic neck pain: does the traumatic event play a significant role? A case-control study. <i>Spine Journal</i> , 2018 , 18, 1406-1416	4	11
84	Hyperexcitability of the Central Nervous System in Children with Chronic Pain: A Systematic Review. <i>Pain Medicine</i> , 2018 , 19, 2504-2514	2.8	11
83	Can recovery of peripheral muscle function predict cognitive task performance in chronic fatigue syndrome with and without fibromyalgia?. <i>Physical Therapy</i> , 2014 , 94, 511-22	3.3	11
82	Prescription of exercises for the treatment of chronic pain along the continuum of nociplastic pain: A systematic review with meta-analysis. <i>European Journal of Pain</i> , 2021 , 25, 51-70	3.7	11
81	Does Conservative Treatment Change the Brain in Patients with Chronic Musculoskeletal Pain? A Systematic Review. <i>Pain Physician</i> , 2017 , 20, 139-154	1.8	11
80	Recovery of peripheral muscle function from fatiguing exercise and daily physical activity level in patients with multiple sclerosis: a case-control study. <i>Clinical Neurology and Neurosurgery</i> , 2014 , 122, 97-105	2	10
79	Associations Between Cognitive Performance and Pain in Chronic Fatigue Syndrome: Comorbidity with Fibromyalgia Does Matter. <i>Pain Physician</i> , 2015 , 18, E841-52	1.8	10
78	Decreased Regional Grey Matter Volume in Women with Chronic Whiplash-Associated Disorders: Relationships with Cognitive Deficits and Disturbed Pain Processing. <i>Pain Physician</i> , 2017 , 20, E1025-E1051	1.8	10

77	Relationship Between Exercise-induced Oxidative Stress Changes and Parasympathetic Activity in Chronic Fatigue Syndrome: An Observational Study in Patients and Healthy Subjects. <i>Clinical Therapeutics</i> , 2019 , 41, 641-655	3.5	9
76	Illness Perceptions Explain the Variance in Functional Disability, but Not Habitual Physical Activity, in Patients With Chronic Low Back Pain: A Cross-Sectional Study. <i>Pain Practice</i> , 2018 , 18, 523-531	3	9
75	Screening of physical distress in breast cancer survivors: Concurrent validity of the Distress Thermometer and Problem List. <i>European Journal of Cancer Care</i> , 2019 , 28, e12880	2.4	9
74	Hub disruption in patients with chronic neck pain: a graph analytical approach. <i>Pain</i> , 2020 , 161, 729-741	8	9
73	Assessing Endogenous Pain Inhibition: Test-Retest Reliability of Exercise-Induced Hypoalgesia in Local and Remote Body Parts After Aerobic Cycling. <i>Pain Medicine</i> , 2019 , 20, 2272-2282	2.8	8
72	Assessment of activity limitations and participation restrictions with persons with chronic fatigue syndrome: a systematic review. <i>Disability and Rehabilitation</i> , 2015 , 37, 1706-16	2.4	8
71	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. <i>Brazilian Journal of Physical Therapy</i> , 2019 , 23, 62-70	3.7	8
70	Psychological factors are associated with local and generalized pressure pain hypersensitivity, pain intensity, and function in people with chronic shoulder pain: A cross-sectional study. <i>Musculoskeletal Science and Practice</i> , 2019 , 44, 102064	2.4	7
69	Influence of psychological factors on the prognosis of chronic shoulder pain: protocol for a prospective cohort study. <i>BMJ Open</i> , 2017 , 7, e012822	3	6
68	Pain Neuroscience Education for Children with Functional Abdominal Pain Disorders: A Randomized Comparative Pilot Study. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6
67	Differences in Pain Processing Between Patients with Chronic Low Back Pain, Recurrent Low Back Pain, and Fibromyalgia. <i>Pain Physician</i> , 2017 , 4, 307-318	1.8	6
66	Short stem total hip arthroplasty: Potential explanations for persistent post-surgical thigh pain. <i>Medical Hypotheses</i> , 2017 , 107, 45-50	3.8	6
65	Endogenous pain modulation in children with functional abdominal pain disorders. <i>Pain</i> , 2019 , 160, 188381890	6	
64	Development of culturally sensitive Pain Neuroscience Education for first-generation Turkish patients with chronic pain: A modified Delphi study. <i>Musculoskeletal Science and Practice</i> , 2019 , 39, 1-9	2.4	6
63	Reliability, Validity, and Feasibility of Water Displacement Method, Figure-of-Eight Method, and Circumference Measurements in Determination of Ankle and Foot Edema. <i>Lymphatic Research and Biology</i> , 2019 , 17, 531-536	2.3	6
62	Comparison of five conditioned pain modulation paradigms and influencing personal factors in healthy adults. <i>European Journal of Pain</i> , 2021 , 25, 243-256	3.7	6
61	Exercise- and Stress-Induced Hypoalgesia in Musicians with and without Shoulder Pain: A Randomized Controlled Crossover Study. <i>Pain Physician</i> , 2016 , 19, 59-68	1.8	6
60	Kinesiophobia contributes to pain-related disability in breast cancer survivors: a cross-sectional study. <i>Supportive Care in Cancer</i> , 2020 , 28, 4501-4508	3.9	5

59	Recovery of upper limb muscle function in chronic fatigue syndrome with and without fibromyalgia. <i>European Journal of Clinical Investigation</i> , 2014 , 44, 153-9	4.6	5
58	Culture-sensitive and standard pain neuroscience education improves pain, disability, and pain cognitions in first-generation Turkish migrants with chronic low back pain: a pilot randomized controlled trial. <i>Physiotherapy Theory and Practice</i> , 2021 , 37, 633-645	1.5	5
57	Pain Prevalence During Cancer Treatment: A Systematic Review and Meta-Analysis. <i>Journal of Pain and Symptom Management</i> , 2021 ,	4.8	5
56	Acupuncture-Analgesia Following a Single Treatment Session in Chronic Whiplash is Unrelated to Autonomic Nervous System Changes: A Randomized Cross-over Trial. <i>Pain Physician</i> , 2015 , 18, 527-36	1.8	5
55	Is Traumatic and Non-Traumatic Neck Pain Associated with Brain Alterations? - A Systematic Review. <i>Pain Physician</i> , 2017 , 20, 245-260	1.8	5
54	Electroencephalography During Nociceptive Stimulation in Chronic Pain Patients: A Systematic Review. <i>Pain Medicine</i> , 2020 , 21, 3413-3427	2.8	4
53	The effect of lateral wedge insoles in patients with medial compartment knee osteoarthritis: balancing biomechanics with pain neuroscience. <i>Clinical Rheumatology</i> , 2014 , 33, 1529-38	3.9	4
52	Does Conservative Treatment Change the Brain in Patients with Chronic Musculoskeletal Pain? A Systematic Review. <i>Pain Physician</i> , 2017 , 3, 139-154	1.8	4
51	Kinesiophobia Is Associated With Pain Intensity and Disability in Chronic Shoulder Pain: A Cross-Sectional Study. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2020 , 43, 791-798	1.3	4
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