

# Steven Z George

## List of Publications by Citations

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293  
papers

10,919  
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57  
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92  
g-index

321  
ext. papers

12,862  
ext. citations

3.5  
avg, IF

6.6  
L-index

#	Paper	IF	Citations
293	The mechanisms of manual therapy in the treatment of musculoskeletal pain: a comprehensive model. <i>Manual Therapy</i> , <b>2009</b> , 14, 531-8		648
292	Low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2012</b> , 42, A1-57	4.2	562
291	The role of fear-avoidance beliefs in acute low back pain: relationships with current and future disability and work status. <i>Pain</i> , <b>2001</b> , 94, 7-15	8	355
290	Identifying Psychosocial Variables in Patients With Acute Work-Related Low Back Pain: The Importance of Fear-Avoidance Beliefs. <i>Physical Therapy</i> , <b>2002</b> , 82, 973-983	3.3	212
289	The effect of a fear-avoidance-based physical therapy intervention for patients with acute low back pain: results of a randomized clinical trial. <i>Spine</i> , <b>2003</b> , 28, 2551-60	3.3	209
288	The association of pain and fear of movement/reinjury with function during anterior cruciate ligament reconstruction rehabilitation. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2008</b> , 38, 746-53	4.2	179
287	Comparison of physical impairment, functional, and psychosocial measures based on fear of reinjury/lack of confidence and return-to-sport status after ACL reconstruction. <i>American Journal of Sports Medicine</i> , <b>2015</b> , 43, 345-53	6.8	163
286	Incidence and risk factors for first-time incident low back pain: a systematic review and meta-analysis. <i>Spine Journal</i> , <b>2014</b> , 14, 2299-319	4	162
285	The use of a classification approach to identify subgroups of patients with acute low back pain. Interrater reliability and short-term treatment outcomes. <i>Spine</i> , <b>2000</b> , 25, 106-14	3.3	153
284	Psychologically informed practice for management of low back pain: future directions in practice and research. <i>Physical Therapy</i> , <b>2011</b> , 91, 820-4	3.3	149
283	Return to preinjury sports participation following anterior cruciate ligament reconstruction: contributions of demographic, knee impairment, and self-report measures. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2012</b> , 42, 893-901	4.2	143
282	Unraveling the Mechanisms of Manual Therapy: Modeling an Approach. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2018</b> , 48, 8-18	4.2	130
281	Changes in pain sensitivity following spinal manipulation: a systematic review and meta-analysis. <i>Journal of Electromyography and Kinesiology</i> , <b>2012</b> , 22, 752-67	2.5	130
280	Implications of early and guideline adherent physical therapy for low back pain on utilization and costs. <i>BMC Health Services Research</i> , <b>2015</b> , 15, 150	2.9	129
279	Evidence for a biopsychosocial influence on shoulder pain: pain catastrophizing and catechol-O-methyltransferase (COMT) diplotype predict clinical pain ratings. <i>Pain</i> , <b>2008</b> , 136, 53-61	8	121
278	Fear of pain, pain catastrophizing, and acute pain perception: relative prediction and timing of assessment. <i>Journal of Pain</i> , <b>2008</b> , 9, 806-12	5.2	119
277	A psychometric investigation of fear-avoidance model measures in patients with chronic low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2010</b> , 40, 197-205	4.2	118

276	Spinal manipulative therapy has an immediate effect on thermal pain sensitivity in people with low back pain: a randomized controlled trial. <i>Physical Therapy</i> , <b>2009</b> , 89, 1292-303	3.3	117
275	The STarT back screening tool and individual psychological measures: evaluation of prognostic capabilities for low back pain clinical outcomes in outpatient physical therapy settings. <i>Physical Therapy</i> , <b>2013</b> , 93, 321-33	3.3	116
274	Immediate effects of spinal manipulation on thermal pain sensitivity: an experimental study. <i>BMC Musculoskeletal Disorders</i> , <b>2006</b> , 7, 68	2.8	111
273	Investigation of elevated fear-avoidance beliefs for patients with low back pain: a secondary analysis involving patients enrolled in physical therapy clinical trials. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2008</b> , 38, 50-8	4.2	109
272	Fear-avoidance beliefs as measured by the fear-avoidance beliefs questionnaire: change in fear-avoidance beliefs questionnaire is predictive of change in self-report of disability and pain intensity for patients with acute low back pain. <i>Clinical Journal of Pain</i> , <b>2006</b> , 22, 197-203	3.5	105
271	Sex and pain-related psychological variables are associated with thermal pain sensitivity for patients with chronic low back pain. <i>Journal of Pain</i> , <b>2007</b> , 8, 2-10	5.2	104
270	Longitudinal changes in psychosocial factors and their association with knee pain and function after anterior cruciate ligament reconstruction. <i>Physical Therapy</i> , <b>2011</b> , 91, 1355-66	3.3	103
269	A randomized trial of behavioral physical therapy interventions for acute and sub-acute low back pain (NCT00373867). <i>Pain</i> , <b>2008</b> , 140, 145-157	8	100
268	Multidimensional success criteria and expectations for treatment of chronic pain: the patient perspective. <i>Pain Medicine</i> , <b>2005</b> , 6, 336-45	2.8	100
267	Psychometric properties of the Fear-Avoidance Beliefs Questionnaire and Tampa Scale of Kinesiophobia in patients with shoulder pain. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2010</b> , 91, 1128-36	2.8	99
266	The influence of expectation on spinal manipulation induced hypoalgesia: an experimental study in normal subjects. <i>BMC Musculoskeletal Disorders</i> , <b>2008</b> , 9, 19	2.8	94
265	Cognitive-Behavioral-Based Physical Therapy for Patients With Chronic Pain Undergoing Lumbar Spine Surgery: A Randomized Controlled Trial. <i>Journal of Pain</i> , <b>2016</b> , 17, 76-89	5.2	91
264	Psychologically informed interventions for low back pain: an update for physical therapists. <i>Physical Therapy</i> , <b>2011</b> , 91, 765-76	3.3	91
263	Relationship between categorization with the STarT Back Screening Tool and prognosis for people receiving physical therapy for low back pain. <i>Physical Therapy</i> , <b>2011</b> , 91, 722-32	3.3	90
262	Research design considerations for chronic pain prevention clinical trials: IMMPACT recommendations. <i>Pain</i> , <b>2015</b> , 156, 1184-1197	8	83
261	A comparison of fear-avoidance beliefs in patients with lumbar spine pain and cervical spine pain. <i>Spine</i> , <b>2001</b> , 26, 2139-45	3.3	83
260	Muscle adaptations with immobilization and rehabilitation after ankle fracture. <i>Medicine and Science in Sports and Exercise</i> , <b>2004</b> , 36, 1695-701	1.2	82
259	Fear of Reinjury in Athletes. <i>Sports Health</i> , <b>2017</b> , 9, 162-167	4.7	77

258	Fear of pain, not pain catastrophizing, predicts acute pain intensity, but neither factor predicts tolerance or blood pressure reactivity: an experimental investigation in pain-free individuals. <i>European Journal of Pain</i> , <b>2006</b> , 10, 457-65	3.7	76
257	Spinal manipulative therapy-specific changes in pain sensitivity in individuals with low back pain (NCT01168999). <i>Journal of Pain</i> , <b>2014</b> , 15, 136-48	5.2	75
256	Pain-related fear and catastrophizing predict pain intensity and disability independently using an induced muscle injury model. <i>Journal of Pain</i> , <b>2012</b> , 13, 370-8	5.2	75
255	Placebo response to manual therapy: something out of nothing?. <i>Journal of Manual and Manipulative Therapy</i> , <b>2011</b> , 19, 11-9	1.6	72
254	Advancing Psychologically Informed Practice for Patients With Persistent Musculoskeletal Pain: Promise, Pitfalls, and Solutions. <i>Physical Therapy</i> , <b>2018</b> , 98, 398-407	3.3	71
253	Analysis of shortened versions of the tampa scale for kinesiophobia and pain catastrophizing scale for patients after anterior cruciate ligament reconstruction. <i>Clinical Journal of Pain</i> , <b>2012</b> , 28, 73-80	3.5	71
252	Fear of pain influences outcomes after exercise-induced delayed onset muscle soreness at the shoulder. <i>Clinical Journal of Pain</i> , <b>2007</b> , 23, 76-84	3.5	71
251	A randomized sham-controlled trial of a neurodynamic technique in the treatment of carpal tunnel syndrome. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2009</b> , 39, 709-23	4.2	70
250	Pain assessment and treatment disparities: a virtual human technology investigation. <i>Pain</i> , <b>2009</b> , 143, 106-13	8	70
249	Comparison of graded exercise and graded exposure clinical outcomes for patients with chronic low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2010</b> , 40, 694-704	4.2	69
248	Psychologic influence on experimental pain sensitivity and clinical pain intensity for patients with shoulder pain. <i>Journal of Pain</i> , <b>2009</b> , 10, 293-9	5.2	69
247	Identifying psychosocial variables in patients with acute work-related low back pain: the importance of fear-avoidance beliefs. <i>Physical Therapy</i> , <b>2002</b> , 82, 973-83	3.3	69
246	Total knee arthroplasty as an overnight-stay procedure using continuous femoral nerve blocks at home: a prospective feasibility study. <i>Anesthesia and Analgesia</i> , <b>2006</b> , 102, 87-90	3.9	66
245	Fear-avoidance beliefs and clinical outcomes for patients seeking outpatient physical therapy for musculoskeletal pain conditions. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 249-59	4.2	65
244	An evaluation of the measurement of pain catastrophizing by the coping strategies questionnaire. <i>European Journal of Pain</i> , <b>2007</b> , 11, 75-81	3.7	65
243	Patient-reported upper extremity outcome measures used in breast cancer survivors: a systematic review. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2014</b> , 95, 153-62	2.8	63
242	Immediate reduction in temporal sensory summation after thoracic spinal manipulation. <i>Spine Journal</i> , <b>2011</b> , 11, 440-6	4	63
241	Experimental pain responses support peripheral and central sensitization in patients with unilateral shoulder pain. <i>Clinical Journal of Pain</i> , <b>2014</b> , 30, 143-51	3.5	59

240	The centralization phenomenon and fear-avoidance beliefs as prognostic factors for acute low back pain: a preliminary investigation involving patients classified for specific exercise. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2005</b> , 35, 580-8	4.2	59
239	Psychological predictors of recovery from low back pain: a prospective study. <i>BMC Musculoskeletal Disorders</i> , <b>2015</b> , 16, 49	2.8	58
238	The relationship of pain intensity, physical impairment, and pain-related fear to function in patients with shoulder pathology. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2009</b> , 39, 270-7	4.2	58
237	Clinical prediction rules for physical therapy interventions: a systematic review. <i>Physical Therapy</i> , <b>2009</b> , 89, 114-24	3.3	57
236	Factors associated with function after anterior cruciate ligament reconstruction. <i>Sports Health</i> , <b>2009</b> , 1, 47-53	4.7	57
235	Clinical outcomes for patients classified by fear-avoidance beliefs and centralization phenomenon. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2009</b> , 90, 768-77	2.8	57
234	Development of a Yellow Flag Assessment Tool for Orthopaedic Physical Therapists: Results From the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2016</b> , 46, 327-43	4.2	56
233	Suprathreshold heat pain response is associated with clinical pain intensity for patients with shoulder pain. <i>Journal of Pain</i> , <b>2011</b> , 12, 133-40	5.2	54
232	Psychosocial education improves low back pain beliefs: results from a cluster randomized clinical trial (NCT00373009) in a primary prevention setting. <i>European Spine Journal</i> , <b>2009</b> , 18, 1050-8	2.7	53
231	Biopsychosocial influence on exercise-induced delayed onset muscle soreness at the shoulder: pain catastrophizing and catechol-o-methyltransferase (COMT) diplotype predict pain ratings. <i>Clinical Journal of Pain</i> , <b>2008</b> , 24, 793-801	3.5	53
230	A survey of sports medicine physicians regarding psychological issues in patient-athletes. <i>American Journal of Sports Medicine</i> , <b>2007</b> , 35, 2140-7	6.8	53
229	Fear-avoidance beliefs and temporal summation of evoked thermal pain influence self-report of disability in patients with chronic low back pain. <i>Journal of Occupational Rehabilitation</i> , <b>2006</b> , 16, 95-108	3.6	53
228	Temporal summation of second pain: variability in responses to a fixed protocol. <i>European Journal of Pain</i> , <b>2013</b> , 17, 67-74	3.7	51
227	Preference, expectation, and satisfaction in a clinical trial of behavioral interventions for acute and sub-acute low back pain. <i>Journal of Pain</i> , <b>2010</b> , 11, 1074-82	5.2	51
226	Immediate changes after manual therapy in resting-state functional connectivity as measured by functional magnetic resonance imaging in participants with induced low back pain. <i>Journal of Manipulative and Physiological Therapeutics</i> , <b>2014</b> , 37, 614-27	1.3	50
225	Brief psychosocial education, not core stabilization, reduced incidence of low back pain: results from the Prevention of Low Back Pain in the Military (POLM) cluster randomized trial. <i>BMC Medicine</i> , <b>2011</b> , 9, 128	11.4	50
224	The impact of patients' gender, race, and age on health care professionals' pain management decisions: an online survey using virtual human technology. <i>International Journal of Nursing Studies</i> , <b>2014</b> , 51, 726-33	5.8	49
223	Effects of upper extremity neural mobilization on thermal pain sensitivity: a sham-controlled study in asymptomatic participants. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2009</b> , 39, 428-38	4.2	49

222	Association of Early Physical Therapy With Long-term Opioid Use Among Opioid-Naive Patients With Musculoskeletal Pain. <i>JAMA Network Open</i> , <b>2018</b> , 1, e185909	10.4	47
221	Fear of movement, quality of life, and self-reported disability in obese patients with chronic lumbar pain. <i>Pain Medicine</i> , <b>2011</b> , 12, 154-64	2.8	45
220	Sex differences in the associations among psychological factors and pain report: a novel psychophysical study of patients with chronic low back pain. <i>Journal of Pain</i> , <b>2005</b> , 6, 463-70	5.2	44
219	Investigation of central pain processing in postoperative shoulder pain and disability. <i>Clinical Journal of Pain</i> , <b>2014</b> , 30, 775-86	3.5	43
218	Physical therapy utilization of graded exposure for patients with low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2009</b> , 39, 496-505	4.2	43
217	Resistance exercise, disability, and pain catastrophizing in obese adults with back pain. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1693-701	1.2	42
216	Morbid obesity is associated with fear of movement and lower quality of life in patients with knee pain-related diagnoses. <i>PM and R</i> , <b>2010</b> , 2, 713-22	2.2	42
215	Clinical Investigation of Pain-related Fear and Pain Catastrophizing for Patients With Low Back Pain. <i>Clinical Journal of Pain</i> , <b>2011</b> , 27, 108-15	3.5	41
214	Abdominal and lumbar multifidus muscle size and symmetry at rest and during contracted States. Normative reference ranges. <i>Journal of Ultrasound in Medicine</i> , <b>2012</b> , 31, 1099-110	2.9	41
213	Central sensitisation in chronic pain conditions: latest discoveries and their potential for precision medicine. <i>Lancet Rheumatology, The</i> , <b>2021</b> , 3, e383-e392	14.2	41
212	Pain Sensitivity and Pain Catastrophizing Are Associated With Persistent Pain and Disability After Lumbar Spine Surgery. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 1763-70	2.8	40
211	Pragmatic Implementation of a Stratified Primary Care Model for Low Back Pain Management in Outpatient Physical Therapy Settings: Two-Phase, Sequential Preliminary Study. <i>Physical Therapy</i> , <b>2015</b> , 95, 1120-34	3.3	40
210	The Central Sensitization Inventory and Pain Sensitivity Questionnaire: An exploration of construct validity and associations with widespread pain sensitivity among individuals with shoulder pain. <i>Musculoskeletal Science and Practice</i> , <b>2018</b> , 36, 61-67	2.4	40
209	Stability of conditioned pain modulation in two musculoskeletal pain models: investigating the influence of shoulder pain intensity and gender. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 182	2.8	40
208	Screening for elevated levels of fear-avoidance beliefs regarding work or physical activities in people receiving outpatient therapy. <i>Physical Therapy</i> , <b>2009</b> , 89, 770-85	3.3	40
207	Movement-evoked pain: transforming the way we understand and measure pain. <i>Pain</i> , <b>2019</b> , 160, 757-768		40
206	Future directions in painful knee osteoarthritis: harnessing complexity in a heterogeneous population. <i>Physical Therapy</i> , <b>2014</b> , 94, 422-32	3.3	39
205	Investigation of central pain processing in shoulder pain: converging results from 2 musculoskeletal pain models. <i>Journal of Pain</i> , <b>2012</b> , 13, 81-9	5.2	39



204	Distinguishing patient satisfaction with treatment delivery from treatment effect: a preliminary investigation of patient satisfaction with symptoms after physical therapy treatment of low back pain. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2005</b> , 86, 1338-44	2.8	39
203	Clinical Examination Variables Discriminate Among Treatment-Based Classification Groups: A Study of Construct Validity in Patients With Acute Low Back Pain. <i>Physical Therapy</i> , <b>2005</b> , 85, 306-314	3.3	39
202	Bibliometric analysis of articles published from 1980 to 2009 in Physical Therapy, journal of the American Physical Therapy Association. <i>Physical Therapy</i> , <b>2011</b> , 91, 642-55	3.3	38
201	Inter-rater reliability of ultrasound imaging of the trunk musculature among novice raters. <i>Journal of Ultrasound in Medicine</i> , <b>2011</b> , 30, 347-56	2.9	37
200	Sex differences in experimental and clinical pain sensitivity for patients with shoulder pain. <i>European Journal of Pain</i> , <b>2011</b> , 15, 118-23	3.7	36
199	Depressive symptoms, anatomical region, and clinical outcomes for patients seeking outpatient physical therapy for musculoskeletal pain. <i>Physical Therapy</i> , <b>2011</b> , 91, 358-72	3.3	36
198	Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results From the Validation Cohort. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2018</b> , 48, 460-475	4.2	35
197	Predictors of occurrence and severity of first time low back pain episodes: findings from a military inception cohort. <i>PLoS ONE</i> , <b>2012</b> , 7, e30597	3.7	35
196	Participant perception of recovery as criterion to establish importance of improvement for constraint-induced movement therapy outcome measures: a preliminary study. <i>Physical Therapy</i> , <b>2007</b> , 87, 170-8	3.3	35
195	Measurement of lumbar lordosis: inter-rater reliability, minimum detectable change and longitudinal variation. <i>Journal of Spinal Disorders and Techniques</i> , <b>2006</b> , 19, 501-6		35
194	The STarT Back Screening Tool for prediction of 6-month clinical outcomes: relevance of change patterns in outpatient physical therapy settings. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2014</b> , 44, 656-64	4.2	34
193	Effects of traditional sit-up training versus core stabilization exercises on short-term musculoskeletal injuries in US Army soldiers: a cluster randomized trial. <i>Physical Therapy</i> , <b>2010</b> , 90, 1404-12	3.3	34
192	Investigating patient characteristics on pain assessment using virtual human technology. <i>European Journal of Pain</i> , <b>2010</b> , 14, 1040-5	3.7	34
191	Biopsychosocial influence on exercise-induced injury: genetic and psychological combinations are predictive of shoulder pain phenotypes. <i>Journal of Pain</i> , <b>2014</b> , 15, 68-80	5.2	33
190	Supra-threshold scaling, temporal summation, and after-sensation: relationships to each other and anxiety/fear. <i>Journal of Pain Research</i> , <b>2010</b> , 3, 25-32	2.9	33
189	Toward a Transformed Understanding: From Pain and Movement to Pain With Movement. <i>Physical Therapy</i> , <b>2016</b> , 96, 1503-1507	3.3	33
188	Low back pain subgroups using fear-avoidance model measures: results of a cluster analysis. <i>Clinical Journal of Pain</i> , <b>2012</b> , 28, 658-66	3.5	32
187	Subgrouping for patients with low back pain: a multidimensional approach incorporating cluster analysis and the STarT Back Screening Tool. <i>Journal of Pain</i> , <b>2015</b> , 16, 19-30	5.2	29

186	Pain sensitivity subgroups in individuals with spine pain: potential relevance to short-term clinical outcome. <i>Physical Therapy</i> , <b>2014</b> , 94, 1111-22	3.3	29
185	Basis for spinal manipulative therapy: a physical therapist perspective. <i>Journal of Electromyography and Kinesiology</i> , <b>2012</b> , 22, 643-7	2.5	29
184	Development of a self-report measure of fearful activities for patients with low back pain: the fear of daily activities questionnaire. <i>Physical Therapy</i> , <b>2009</b> , 89, 969-79	3.3	29
183	Self-reported pain and disability outcomes from an endogenous model of muscular back pain. <i>BMC Musculoskeletal Disorders</i> , <b>2011</b> , 12, 35	2.8	28
182	Identifying patient fear-avoidance beliefs by physical therapists managing patients with low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2010</b> , 40, 774-83	4.2	28
181	Thermal and pressure pain sensitivity in patients with unilateral shoulder pain: comparison of involved and uninvolved sides. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 165-73	4.2	28
180	Sex differences in pain anchors revisited: further investigation of "most intense" and common pain events. <i>European Journal of Pain</i> , <b>2004</b> , 8, 299-305	3.7	28
179	The relationship of the audible pop to hypoalgesia associated with high-velocity, low-amplitude thrust manipulation: a secondary analysis of an experimental study in pain-free participants. <i>Journal of Manipulative and Physiological Therapeutics</i> , <b>2010</b> , 33, 117-24	1.3	27
178	Interventions for the Management of Acute and Chronic Low Back Pain: Revision 2021. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2021</b> , 51, CPG1-CPG60	4.2	27
177	Low- Versus High-Intensity Plyometric Exercise During Rehabilitation After Anterior Cruciate Ligament Reconstruction. <i>American Journal of Sports Medicine</i> , <b>2016</b> , 44, 609-17	6.8	26
176	Risk Factors Associated With Transition From Acute to Chronic Low Back Pain in US Patients Seeking Primary Care. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2037371	10.4	25
175	Sex differences in predictors of outcome in selected physical therapy interventions for acute low back pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2006</b> , 36, 354-63	4.2	24
174	Preliminary Evaluation of a Modified STarT Back Screening Tool Across Different Musculoskeletal Pain Conditions. <i>Physical Therapy</i> , <b>2016</b> , 96, 1251-61	3.3	23
173	The Optimal Screening for Prediction of Referral and Outcome (OSPRO) in patients with musculoskeletal pain conditions: a longitudinal validation cohort from the USA. <i>BMJ Open</i> , <b>2017</b> , 7, e0153188	3.88	23
172	Influence of Initial Provider on Health Care Utilization in Patients Seeking Care for Neck Pain. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2017</b> , 1, 226-233	3.1	23
171	Development of a Review-of-Systems Screening Tool for Orthopaedic Physical Therapists: Results From the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2015</b> , 45, 512-26	4.2	23
170	Back strength predicts walking improvement in obese, older adults with chronic low back pain. <i>PM and R</i> , <b>2014</b> , 6, 418-26	2.2	23
169	Rationale, design, and protocol for the prevention of low back pain in the military (POLM) trial (NCT00373009). <i>BMC Musculoskeletal Disorders</i> , <b>2007</b> , 8, 92	2.8	23



168	Physical Therapist Management of a Patient With Acute Low Back Pain and Elevated Fear-Avoidance Beliefs. <i>Physical Therapy</i> , <b>2004</b> , 84, 538-549	3.3	23
167	Exercise-induced pain intensity predicted by pre-exercise fear of pain and pain sensitivity. <i>Clinical Journal of Pain</i> , <b>2011</b> , 27, 398-404	3.5	22
166	Effect of fear-avoidance beliefs of physical activities on a model that predicts risk-adjusted functional status outcomes in patients treated for a lumbar spine dysfunction. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 336-45	4.2	22
165	Prediction of healthcare utilization following an episode of physical therapy for musculoskeletal pain. <i>BMC Health Services Research</i> , <b>2018</b> , 18, 648	2.9	21
164	Validity of a Paradigm for Low Back Pain Symptom Development During Prolonged Standing. <i>Clinical Journal of Pain</i> , <b>2015</b> , 31, 652-9	3.5	21
163	Change in psychosocial distress associated with pain and functional status outcomes in patients with lumbar impairments referred to physical therapy services. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 969-80	4.2	21
162	Neurochemical analysis of primary motor cortex in chronic low back pain. <i>Brain Sciences</i> , <b>2012</b> , 2, 319-313	3.4	21
161	Effects of sit-up training versus core stabilization exercises on sit-up performance. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 2072-83	1.2	21
160	Pain catastrophizing predicts pain intensity during a neurodynamic test for the median nerve in healthy participants. <i>Manual Therapy</i> , <b>2010</b> , 15, 370-5		21
159	Characteristics of patients with lower extremity symptoms treated with slump stretching: a case series. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2002</b> , 32, 391-8	4.2	21
158	Prediction of Persistent Musculoskeletal Pain at 12 Months: A Secondary Analysis of the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Validation Cohort Study. <i>Physical Therapy</i> , <b>2018</b> , 98, 290-301	3.3	20
157	Preliminary results of patient-defined success criteria for individuals with musculoskeletal pain in outpatient physical therapy settings. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2012</b> , 93, 434-40	2.8	20
156	Red flag screening for low back pain: nothing to see here, move along: a narrative review. <i>British Journal of Sports Medicine</i> , <b>2018</b> , 52, 493-496	10.3	19
155	Biopsychosocial Influence on Shoulder Pain: Influence of Genetic and Psychological Combinations on Twelve-Month Postoperative Pain and Disability Outcomes. <i>Arthritis Care and Research</i> , <b>2016</b> , 68, 1671-1680	4.7	19
154	Identifying Treatment Effect Modifiers in the STarT Back Trial: A Secondary Analysis. <i>Journal of Pain</i> , <b>2017</b> , 18, 54-65	5.2	19
153	Biopsychosocial influence on shoulder pain: risk subgroups translated across preclinical and clinical prospective cohorts. <i>Pain</i> , <b>2015</b> , 156, 148-156	8	19
152	Management of the athlete with low back pain. <i>Clinics in Sports Medicine</i> , <b>2002</b> , 21, 105-20	2.6	19
151	Optimism Moderates the Influence of Pain Catastrophizing on Shoulder Pain Outcome: A Longitudinal Analysis. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2017</b> , 47, 21-30	4.2	18

150	Content and bibliometric analysis of articles published in the Journal of Orthopaedic & Sports Physical Therapy. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 920-931	4.2	18
149	Fear avoidance and self-efficacy at 4 weeks after ACL reconstruction are associated with early impairment resolution and readiness for advanced rehabilitation. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , <b>2019</b> , 27, 397-404	5.5	17
148	Reporting and utilization of Patient-Reported Outcomes Measurement Information System (PROMIS) measures in orthopedic research and practice: a systematic review. <i>Journal of Orthopaedic Surgery and Research</i> , <b>2020</b> , 15, 553	2.8	17
147	Near-infrared light therapy to attenuate strength loss after strenuous resistance exercise. <i>Journal of Athletic Training</i> , <b>2015</b> , 50, 45-50	4	16
146	The comparative effects of spinal and peripheral thrust manipulation and exercise on pain sensitivity and the relation to clinical outcome: a mechanistic trial using a shoulder pain model. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2015</b> , 45, 252-64	4.2	16
145	Age Group Comparisons of TENS Response Among Individuals With Chronic Axial Low Back Pain. <i>Journal of Pain</i> , <b>2015</b> , 16, 1268-1279	5.2	16
144	Comparative Associations of Working Memory and Pain Catastrophizing With Chronic Low Back Pain Intensity. <i>Physical Therapy</i> , <b>2016</b> , 96, 1049-56	3.3	16
143	Influence and stability of pain scale anchors for an investigation of cold pressor pain tolerance. <i>Journal of Pain</i> , <b>2007</b> , 8, 476-82	5.2	16
142	Sex differences in pain drawing area for individuals with chronic musculoskeletal pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2007</b> , 37, 115-21	4.2	16
141	What General and Pain-associated Psychological Distress Phenotypes Exist Among Patients with Hip and Knee Osteoarthritis?. <i>Clinical Orthopaedics and Related Research</i> , <b>2020</b> , 478, 2768-2783	2.2	16
140	Factors associated with persistently high-cost health care utilization for musculoskeletal pain. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225125	3.7	15
139	Inter-rater reliability of select physical examination procedures in patients with neck pain. <i>Physiotherapy Theory and Practice</i> , <b>2014</b> , 30, 345-52	1.5	15
138	The relationship between lumbar lordosis and radiologic variables and lumbar lordosis and clinical variables in elderly, African-American women. <i>Journal of Spinal Disorders and Techniques</i> , <b>2003</b> , 16, 200-6		15
137	A value proposition for early physical therapist management of neck pain: a retrospective cohort analysis. <i>BMC Health Services Research</i> , <b>2016</b> , 16, 253	2.9	15
136	Risk and Risk Factors for Chronic Opioid Use Among Opioid-Naive Patients With Newly Diagnosed Musculoskeletal Pain in the Neck, Shoulder, Knee, or Low Back. <i>Annals of Internal Medicine</i> , <b>2019</b> , 170, 504-505	8	15
135	Patient-defined desired outcome, success criteria, and expectation in outpatient physical therapy: a longitudinal assessment. <i>Health and Quality of Life Outcomes</i> , <b>2017</b> , 15, 29	3	14
134	Prevention of low back pain in the military cluster randomized trial: effects of brief psychosocial education on total and low back pain-related health care costs. <i>Spine Journal</i> , <b>2014</b> , 14, 571-83	4	14
133	Insurer Coverage of Nonpharmacological Treatments for Low Back Pain-Time for a Change. <i>JAMA Network Open</i> , <b>2018</b> , 1, e183037	10.4	14

132	Targeted interventions to prevent transitioning from acute to chronic low back pain in high-risk patients: development and delivery of a pragmatic training course of psychologically informed physical therapy for the TARGET trial. <i>Trials</i> , <b>2019</b> , 20, 256	2.8	13
131	Single-item screens identified patients with elevated levels of depressive and somatization symptoms in outpatient physical therapy. <i>Quality of Life Research</i> , <b>2012</b> , 21, 257-68	3.7	13
130	Inflammatory genes and psychological factors predict induced shoulder pain phenotype. <i>Medicine and Science in Sports and Exercise</i> , <b>2014</b> , 46, 1871-81	1.2	13
129	Investigating patient expectations and treatment outcome in a chronic low back pain population. <i>Journal of Pain Research</i> , <b>2012</b> , 5, 15-22	2.9	13
128	Stability of behavioral estimates of activity-dependent modulation of pain. <i>Journal of Pain Research</i> , <b>2011</b> , 4, 151-7	2.9	13
127	Socioeconomic status influences the relationship between fear-avoidance beliefs work and disability. <i>Pain Medicine</i> , <b>2011</b> , 12, 328-36	2.8	13
126	Heightened pain sensitivity in individuals with signs and symptoms of carpal tunnel syndrome and the relationship to clinical outcomes following a manual therapy intervention. <i>Manual Therapy</i> , <b>2011</b> , 16, 602-8		13
125	Using intake and change in multiple psychosocial measures to predict functional status outcomes in people with lumbar spine syndromes: a preliminary analysis. <i>Physical Therapy</i> , <b>2011</b> , 91, 1812-25	3.3	13
124	The use of STarT back screening tool to predict functional disability outcomes in patients receiving physical therapy for low back pain. <i>Spine Journal</i> , <b>2019</b> , 19, 645-654	4	13
123	Clinical characteristics of patients with cancer referred for outpatient physical therapy. <i>Physical Therapy</i> , <b>2015</b> , 95, 526-38	3.3	12
122	Painful intercourse is significantly associated with evoked pain perception and cognitive aspects of pain in women with pelvic pain. <i>Sexual Medicine</i> , <b>2015</b> , 3, 14-23	2.7	12
121	Magnitude of spinal muscle damage is not statistically associated with exercise-induced low back pain intensity. <i>Spine Journal</i> , <b>2011</b> , 11, 1135-42	4	12
120	Predictors of web-based follow-up response in the Prevention Of Low Back Pain In The Military Trial (POLM). <i>BMC Musculoskeletal Disorders</i> , <b>2011</b> , 12, 132	2.8	12
119	Total hip arthroplasty as an overnight-stay procedure using an ambulatory continuous psoas compartment nerve block: a prospective feasibility study. <i>Regional Anesthesia and Pain Medicine</i> , <b>2006</b> , 31, 113-8	3.4	12
118	Application of a Value Model for the Prevention and Management of Chronic Musculoskeletal Pain by Physical Therapists. <i>Physical Therapy</i> , <b>2017</b> , 97, 354-364	3.3	12
117	Expectancy Reduces Symptoms but not Functional Impairment Following Exercise-induced Musculoskeletal Injury. <i>Clinical Journal of Pain</i> , <b>2018</b> , 34, 1-7	3.5	11
116	Association between physical activity and pain processing in adults with chronic low back pain compared to pain-free controls. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , <b>2017</b> , 30, 575-581	1.4	11
115	Implications of practice setting on clinical outcomes and efficiency of care in the delivery of physical therapy services. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2014</b> , 44, 955-63	4.2	11

114	Dynamic, but not static, pain sensitivity predicts exercise-induced muscle pain: covariation of temporal sensory summation and pain intensity. <i>Neuroscience Letters</i> , <b>2012</b> , 526, 1-4	3.3	11
113	The role of anger in psychosocial subgrouping for patients with low back pain. <i>Clinical Journal of Pain</i> , <b>2014</b> , 30, 501-9	3.5	10
112	Impact of psychosocial factors, pain, and functional limitations on throwing athletes who return to sport following elbow injuries: a case series. <i>Physiotherapy Theory and Practice</i> , <b>2012</b> , 28, 633-40	1.5	10
111	Mental health symptoms in combat medic training: a longitudinal examination. <i>Military Medicine</i> , <b>2009</b> , 174, 572-7	1.3	10
110	Suprathreshold heat pain response predicts activity-related pain, but not rest-related pain, in an exercise-induced injury model. <i>PLoS ONE</i> , <b>2014</b> , 9, e108699	3.7	10
109	Framework for improving outcome prediction for acute to chronic low back pain transitions. <i>Pain Reports</i> , <b>2020</b> , 5, e809	3.5	10
108	Clinical examination variables discriminate among treatment-based classification groups: a study of construct validity in patients with acute low back pain. <i>Physical Therapy</i> , <b>2005</b> , 85, 306-14	3.3	10
107	Psychological Factors Are Related to Pain Intensity in Back-Healthy People Who Develop Clinically Relevant Pain During Prolonged Standing: A Preliminary Study. <i>PM and R</i> , <b>2016</b> , 8, 1031-1038	2.2	9
106	Pain assessment and treatment decisions for virtual human patients. <i>Cyberpsychology, Behavior, and Social Networking</i> , <b>2013</b> , 16, 904-9	4.4	9
105	Comparison of 2 Lumbar Manual Therapies on Temporal Summation of Pain in Healthy Volunteers. <i>Journal of Pain</i> , <b>2017</b> , 18, 1397-1408	5.2	9
104	Comparison of work-related fear-avoidance beliefs across different anatomical locations with musculoskeletal pain. <i>Journal of Pain Research</i> , <b>2011</b> , 4, 253-62	2.9	9
103	Relationship of intersession variation in negative pain-related affect and responses to thermally-evoked pain. <i>Journal of Pain</i> , <b>2010</b> , 11, 172-8	5.2	9
102	Value-Based Care for Musculoskeletal Pain: Are Physical Therapists Ready to Deliver?. <i>Physical Therapy</i> , <b>2020</b> , 100, 621-632	3.3	9
101	Psychometric Evaluation of the Optimal Screening for Prediction of Referral and Outcome Yellow Flag (OSPRO-YF) Tool: Factor Structure, Reliability, and Validity. <i>Journal of Pain</i> , <b>2020</b> , 21, 557-569	5.2	9
100	Development of a preliminary clinical prediction rule to identify patients with neck pain that may benefit from a standardized program of stretching and muscle performance exercise: a prospective cohort study. <i>International Journal of Sports Physical Therapy</i> , <b>2013</b> , 8, 756-76	1.4	8
99	The Association Between the Supply of Nonpharmacologic Providers, Use of Nonpharmacologic Pain Treatments, and High-risk Opioid Prescription Patterns Among Medicare Beneficiaries With Persistent Musculoskeletal Pain. <i>Medical Care</i> , <b>2020</b> , 58, 433-444	3.1	8
98	Stratified care to prevent chronic low back pain in high-risk patients: The TARGET trial. A multi-site pragmatic cluster randomized trial. <i>EClinicalMedicine</i> , <b>2021</b> , 34, 100795	11.3	8
97	Older Age as a Prognostic Factor of Attenuated Pain Recovery After Shoulder Arthroscopy. <i>PM and R</i> , <b>2016</b> , 8, 297-304	2.2	8

96	Optimization of Movement: A Dynamical Systems Approach to Movement Systems as Emergent Phenomena. <i>Physical Therapy</i> , <b>2019</b> , 99, 3-9	3.3	8
95	Predicting Opioid Use, Increased Health Care Utilization and High Costs for Musculoskeletal Pain: What Factors Mediate Pain Intensity and Disability?. <i>Journal of Pain</i> , <b>2020</b> , 21, 135-145	5.2	8
94	Post-operative opioid pain management patterns for patients who receive hip surgery. <i>Substance Abuse Treatment, Prevention, and Policy</i> , <b>2017</b> , 12, 14	3.4	7
93	Range of motion as a predictor of clinical shoulder pain during recovery from delayed-onset muscle soreness. <i>Journal of Athletic Training</i> , <b>2015</b> , 50, 289-94	4	7
92	Transforming low back pain care delivery in the United States. <i>Pain</i> , <b>2020</b> , 161, 2667-2673	8	7
91	Importance of Outcome Domain for Patients With Musculoskeletal Pain: Characterizing Subgroups and Their Response to Treatment. <i>Physical Therapy</i> , <b>2020</b> , 100, 829-845	3.3	7
90	Predicting Low Back Pain Outcomes: Suggestions for Future Directions. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2017</b> , 47, 588-592	4.2	7
89	A comparison of laboratory measures of escape and avoidance behavior. <i>Journal of Pain</i> , <b>2009</b> , 10, 53-9	5.2	7
88	Manipulation of pain catastrophizing: An experimental study of healthy participants. <i>Journal of Pain Research</i> , <b>2008</b> , 1, 35-41	2.9	7
87	Association of Quadriceps Strength and Psychosocial Factors With Single-Leg Hop Performance in Patients With Meniscectomy. <i>Orthopaedic Journal of Sports Medicine</i> , <b>2016</b> , 4, 2325967116676078	3.5	7
86	Physical therapist management of a patient with acute low back pain and elevated fear-avoidance beliefs. <i>Physical Therapy</i> , <b>2004</b> , 84, 538-49	3.3	7
85	Study protocol for targeted interventions to prevent chronic low back pain in high-risk patients: A multi-site pragmatic cluster randomized controlled trial (TARGET Trial). <i>Contemporary Clinical Trials</i> , <b>2019</b> , 82, 66-76	2.3	6
84	Pain sensitivity and torque used during measurement predicts change in range of motion at the knee. <i>Journal of Pain Research</i> , <b>2017</b> , 10, 2711-2716	2.9	6
83	Clinical Outcomes, Utilization, and Charges in Persons With Neck Pain Receiving Guideline Adherent Physical Therapy. <i>Evaluation and the Health Professions</i> , <b>2016</b> , 39, 421-434	2.5	6
82	The Role of Social Support and Psychological Distress in Predicting Discharge: A Pilot Study for Hip and Knee Arthroplasty Patients. <i>Journal of Arthroplasty</i> , <b>2019</b> , 34, 2555-2560	4.4	6
81	Content and bibliometric analyses of the Journal of Manual & Manipulative Therapy. <i>Journal of Manual and Manipulative Therapy</i> , <b>2014</b> , 22, 181-90	1.6	6
80	Effect of two different exercise regimens on trunk muscle morphometry and endurance in soldiers in training. <i>Physical Therapy</i> , <b>2013</b> , 93, 1211-24	3.3	6
79	Physical therapy and opioid use for musculoskeletal pain management: competitors or companions?. <i>Pain Reports</i> , <b>2020</b> , 5, e827	3.5	6

78	Biopsychosocial influence on shoulder pain: Rationale and protocol for a pre-clinical trial. <i>Contemporary Clinical Trials</i> , <b>2017</b> , 56, 9-17	2.3	5
77	Photobiomodulation delays the onset of skeletal muscle fatigue in a dose-dependent manner. <i>Lasers in Medical Science</i> , <b>2016</b> , 31, 1325-32	3.1	5
76	Total number and severity of comorbidities do not differ based on anatomical region of musculoskeletal pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2011</b> , 41, 477-85	4.2	5
75	Differential diagnosis and treatment for a patient with lower extremity symptoms. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2000</b> , 30, 468-72	4.2	5
74	Strategies for Using the APTA Section on Research Evidence-Based Practice Curriculum Guidelines. <i>Journal, Physical Therapy Education</i> , <b>2016</b> , 30, 23-31	0.6	5
73	Different Phenotypes of Osteoarthritis in the Lumbar Spine Reflected by Demographic and Clinical Characteristics: The Johnston County Osteoarthritis Project. <i>Arthritis Care and Research</i> , <b>2020</b> , 72, 974-981	4.7	5
72	The association between the supply of select nonpharmacologic providers for pain and use of nonpharmacologic pain management services and initial opioid prescribing patterns for Medicare beneficiaries with persistent musculoskeletal pain. <i>Health Services Research</i> , <b>2021</b> , 56, 275-288	3.4	5
71	Treatment monitoring as a component of psychologically informed physical therapy: A case series of patients at high risk for persistent low back pain related disability. <i>Musculoskeletal Science and Practice</i> , <b>2019</b> , 41, 36-42	2.4	4
70	Benefits and Threats to Using Social Media for Presenting and Implementing Evidence. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2018</b> , 48, 3-7	4.2	4
69	Chronic Musculoskeletal Pain is a Nervous System Disorder—Now What?. <i>Physical Therapy</i> , <b>2018</b> , 98, 209-213	3.3	4
68	Effect of a perspective-taking intervention on the consideration of pain assessment and treatment decisions. <i>Journal of Pain Research</i> , <b>2015</b> , 8, 809-18	2.9	4
67	Screening for problematic low back pain: STarT. <i>Pain</i> , <b>2012</b> , 153, 2159-2160	8	4
66	Outcomes following plyometric rehabilitation for the young throwing athlete: a case report. <i>Physiotherapy Theory and Practice</i> , <b>2007</b> , 23, 351-64	1.5	4
65	Utility of catastrophizing, body symptom diagram score and history of opioid use to predict future health care utilization after a primary care visit for musculoskeletal pain. <i>Family Practice</i> , <b>2020</b> , 37, 81-90 <sup>1.9</sup>	1.9	4
64	Biopsychosocial Influences on Shoulder Pain: Analyzing the Temporal Ordering of Postoperative Recovery. <i>Journal of Pain</i> , <b>2020</b> , 21, 808-819	5.2	4
63	Comorbidity Subgroups Among Medicare Beneficiaries Seeking Health Care for Musculoskeletal Pain. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2019</b> , 74, 1310-1315	6.4	4
62	Genetic and psychological factors interact to predict physical impairment phenotypes following exercise-induced shoulder injury. <i>Journal of Pain Research</i> , <b>2018</b> , 11, 2497-2508	2.9	4
61	Description of Common Clinical Presentations and Associated Short-Term Physical Therapy Clinical Outcomes in Patients With Neck Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2015</b> , 96, 1756-62 <sup>2.8</sup>	2.8	3



60	Longitudinal Monitoring of Pain Associated Distress With the Optimal Screening for Prediction of Referral and Outcome Yellow Flag Tool: Predicting Reduction in Pain Intensity and Disability. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2020</b> , 101, 1763-1770	2.8	3
59	Unique Contributions of Body Diagram Scores and Psychosocial Factors to Pain Intensity and Disability in Patients With Musculoskeletal Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , <b>2017</b> , 47, 88-96	4.2	3
58	Assessing the influence of treating therapist and patient prognostic factors on recovery from axial pain. <i>Journal of Manual and Manipulative Therapy</i> , <b>2013</b> , 21, 187-95	1.6	3
57	Improving Veteran Access to Integrated Management of Back Pain (AIM-Back): Protocol for an Embedded Pragmatic Cluster-Randomized Trial. <i>Pain Medicine</i> , <b>2020</b> , 21, S62-S72	2.8	3
56	Inflammatory, Structural, and Pain Biochemical Biomarkers May Reflect Radiographic Disc Space Narrowing: The Johnston County Osteoarthritis Project. <i>Journal of Orthopaedic Research</i> , <b>2020</b> , 38, 1027-1037	2.8	3
55	Introduction of a psychologically informed educational intervention for pre-licensure physical therapists in a classroom setting. <i>BMC Medical Education</i> , <b>2020</b> , 20, 382	3.3	3
54	Assessment of Common Comorbidity Phenotypes Among Older Adults With Knee Osteoarthritis to Inform Integrated Care Models. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2021</b> , 5, 253-264	3.1	3
53	Comparison of brain structure between pain-susceptible and asymptomatic individuals following experimental induction of low back pain. <i>Spine Journal</i> , <b>2020</b> , 20, 292-299	4	3
52	The Impact of State Level Public Policy, Prescriber Education, and Patient Factors on Opioid Prescribing in Elective Orthopedic Surgery: Findings From a Tertiary, Academic Setting. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , <b>2021</b> , 5, 23-34	3.1	3
51	Prolonged Reduction in Shoulder Strength after Transcutaneous Electrical Nerve Stimulation Treatment of Exercise-Induced Acute Muscle Pain. <i>Pain Practice</i> , <b>2018</b> , 18, 954-968	3	2
50	Cluster subgroups based on overall pressure pain sensitivity and psychosocial factors in chronic musculoskeletal pain: Differences in clinical outcomes. <i>Physiotherapy Theory and Practice</i> , <b>2019</b> , 35, 1218-1232	1.5	2
49	Predictors of Lumbar Spine Degeneration and Low Back Pain in the Community: The Johnston County Osteoarthritis Project. <i>Arthritis Care and Research</i> , <b>2021</b> ,	4.7	2
48	Derivation of a Risk Assessment Tool for Prediction of Long-Term Pain Intensity Reduction After Physical Therapy. <i>Journal of Pain Research</i> , <b>2021</b> , 14, 1515-1524	2.9	2
47	Resilience and pain catastrophizing among patients with total knee arthroplasty: a cohort study to examine psychological constructs as predictors of post-operative outcomes. <i>Health and Quality of Life Outcomes</i> , <b>2021</b> , 19, 136	3	2
46	Star-Shape Kinesio Taping Is Not Better Than a Minimal Intervention or Sham Kinesio Taping for Pain Intensity and Postural Control in Chronic Low Back Pain: A Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , <b>2021</b> , 102, 1352-1360.e3	2.8	2
45	Predicting Pain and Disability After Shoulder Arthroscopy: Rotator Cuff Tear Severity and Concomitant Arthroscopic Procedures. <i>Clinical Journal of Pain</i> , <b>2016</b> , 32, 404-10	3.5	2
44	Assessment, Reasoning and Management of Psychological Factors in Musculoskeletal Practice <b>2019</b> , 71-88		2
43	Patient-defined outcomes for pain, fatigue, emotional distress, and interference with activities did not differ by age for individuals with musculoskeletal pain. <i>Pain Reports</i> , <b>2019</b> , 4, e798	3.5	2

42	A New Definition of Pain: Update and Implications for Physical Therapist Practice and Rehabilitation Science. <i>Physical Therapy</i> , <b>2021</b> , 101,	3.3	2
41	Can a power law improve prediction of pain recovery trajectory?. <i>Pain Reports</i> , <b>2018</b> , 3, e657	3.5	2
40	Back and neck pain: in support of routine delivery of non-pharmacologic treatments as a way to improve individual and population health. <i>Translational Research</i> , <b>2021</b> , 234, 129-140	11	2
39	Implementation of Psychologically Informed Physical Therapy for Low Back Pain: Where Do We Stand, Where Do We Go?. <i>Journal of Pain Research</i> , <b>2021</b> , 14, 3747-3757	2.9	2
38	Commentary on "Cognitive Functional Therapy in Patients with Non-Specific Chronic Low Back Pain". <i>European Journal of Pain</i> , <b>2019</b> , 23, 1401-1402	3.7	1
37	The Development of a Technology-Based Hierarchy to Assess Chronic Low Back Pain and Pain-Related Anxiety From a Fear-Avoidance Model. <i>Journal of Pain</i> , <b>2016</b> , 17, 904-10	5.2	1
36	Low Back Pain Treatment by Athletic Trainers and Athletic Therapists: Biomedical or Biopsychosocial Orientation?. <i>Journal of Athletic Training</i> , <b>2019</b> , 54, 772-779	4	1
35	Chronic Pain Prevalence and Factors Associated With High Impact Chronic Pain following Total Joint Arthroplasty: An Observational Study. <i>Journal of Pain</i> , <b>2021</b> ,	5.2	1
34	FEAR-AVOIDANCE AND SELF-EFFICACY PSYCHOSOCIAL FACTORS ARE ALTERED AFTER PARTIAL MENISCECTOMY AND ASSOCIATED WITH REHABILITATION OUTCOMES. <i>International Journal of Sports Physical Therapy</i> , <b>2020</b> , 15, 557-570	1.4	1
33	Determination of Pain Phenotypes in Knee Osteoarthritis Using Latent Profile Analysis. <i>Pain Medicine</i> , <b>2021</b> , 22, 653-662	2.8	1
32	Static and Dynamic Pain Sensitivity in Adults With Persistent Low Back Pain: Comparison to Healthy Controls and Associations With Movement-evoked Pain Versus Traditional Clinical Pain Measures. <i>Clinical Journal of Pain</i> , <b>2021</b> , 37, 494-503	3.5	1
31	Electronic health record-integrated approach for collection of patient-reported outcome measures: a retrospective evaluation. <i>BMC Health Services Research</i> , <b>2021</b> , 21, 626	2.9	1
30	Preoperative physical therapy treatment did not influence postoperative pain and disability outcomes in patients undergoing shoulder arthroscopy: a prospective study. <i>Journal of Pain Research</i> , <b>2016</b> , 9, 493-502	2.9	1
29	Adding Physical Impairment to Risk Stratification Improved Outcome Prediction in Low Back Pain. <i>Physical Therapy</i> , <b>2021</b> , 101,	3.3	1
28	Research design considerations for chronic pain prevention clinical trials: IMMPACT recommendations. <i>Pain Reports</i> , <b>2021</b> , 6, e895	3.5	1
27	Beliefs, Behavior, and Back Pain: Insights into Psychologically Informed Management. <i>North Carolina Medical Journal</i> , <b>2017</b> , 78, 333-334	0.6	1
26	Depression and Functional Outcomes in Patients Presenting to the Emergency Department With Low Back Pain. <i>Academic Emergency Medicine</i> , <b>2020</b> , 27, 725-733	3.4	0
25	Empirically derived back pain subgroups differentiated walking performance, pain, and disability. <i>Pain</i> , <b>2021</b> , 162, 1806-1815	8	0

24	Plasma Concentrations of Select Inflammatory Cytokines Predicts Pain Intensity 48 Hours Post-Shoulder Muscle Injury. <i>Clinical Journal of Pain</i> , <b>2020</b> , 36, 775-781	3.5	o
23	Predicting Recurrent Care Seeking of Physical Therapy for Musculoskeletal Pain Conditions. <i>Pain Medicine</i> , <b>2021</b> , 22, 1837-1849	2.8	o
22	Prevalence and predictors of no-shows to physical therapy for musculoskeletal conditions. <i>PLoS ONE</i> , <b>2021</b> , 16, e0251336	3.7	o
21	Sensory and Psychological Factors Predict Exercise-Induced Shoulder Injury Responses in a High-Risk Phenotype Cohort. <i>Journal of Pain</i> , <b>2021</b> , 22, 669-679	5.2	o
20	Can PROMIS measures be used to create subgroups for patients seeking orthopaedic care?. <i>Bone &amp; Joint Open</i> , <b>2021</b> , 2, 493-502	2.8	o
19	The influence of a cognitive behavioural approach on changing patient expectations for conservative care in shoulder pain treatment: a protocol for a pragmatic randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , <b>2021</b> , 22, 727	2.8	o
18	Moving toward patient-centered care in the emergency department: Patient-reported expectations, definitions of success, and importance of improvement in pain-related outcomes. <i>Academic Emergency Medicine</i> , <b>2021</b> , 28, 1286-1298	3.4	o
17	Opioid legislation and narcotic filling in total hip arthroplasty: descriptive study of time and state-level trends in the United States. <i>Substance Abuse Treatment, Prevention, and Policy</i> , <b>2021</b> , 16, 75	3.4	o
16	Working Alliance Inventory (WAI) and its relationship to patient-reported outcomes in painful musculoskeletal conditions.. <i>Disability and Rehabilitation</i> , <b>2022</b> , 1-7	2.4	o
15	Biomarker clusters differentiate phenotypes of lumbar spine degeneration and low back pain: The Johnston County Osteoarthritis Project. <i>Osteoarthritis and Cartilage Open</i> , <b>2022</b> , 100270	1.5	o
14	Invited commentary on 'different minimal clinically important difference (MCID) scores lead to different clinical prediction rules for the Oswestry disability index when using the same sample of patients'. <i>Journal of Manual and Manipulative Therapy</i> , <b>2013</b> , 21, 79-80	1.6	
13	Editorial Board Response. <i>Physical Therapy</i> , <b>2012</b> , 92, 878-878	3.3	
12	Response to Keele team's response letter. <i>Pain</i> , <b>2009</b> , 142, 164-165	8	
11	FEAR-AVOIDANCE AND SELF-EFFICACY PSYCHOSOCIAL FACTORS ARE ALTERED AFTER PARTIAL MENISCECTOMY AND ASSOCIATED WITH REHABILITATION OUTCOMES. <i>International Journal of Sports Physical Therapy</i> , <b>2020</b> , 15, 557-570	1.4	
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9	Fysiotherapeutische benadering van een patiënt met acute lage-rugpijn en uitgesproken angstvermijdingsopvattingen <b>2006</b> , 1124-1135		
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7	Strategy for addressing research-site overlap in pragmatic clinical trials: lessons learned from the NIH-DOD-VA Pain Management Collaboratory (PMC). <i>Trials</i> , <b>2020</b> , 21, 1021	2.8	

- 6 Factors associated with persistently high-cost health care utilization for musculoskeletal pain **2019**, 14, e0225125
- 5 Factors associated with persistently high-cost health care utilization for musculoskeletal pain **2019**, 14, e0225125
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- 2 Factors associated with persistently high-cost health care utilization for musculoskeletal pain **2019**, 14, e0225125
- 1 Factors associated with persistently high-cost health care utilization for musculoskeletal pain **2019**, 14, e0225125