Steven Z George

List of Publications by Year
in descending order

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Version: 2024-02-01

316 papers	14,738 citations	16437 64 h-index	27389 106 g-index
321 all docs	321 docs citations	321 times ranked	9306 citing authors

#	Article	IF	Citations
1	The mechanisms of manual therapy in the treatment of musculoskeletal pain: A comprehensive model. Manual Therapy, 2009, 14, 531-538.	1.6	798
2	Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, A1-A57.	1.7	704
3	The role of fear-avoidance beliefs in acute low back pain: relationships with current and future disability and work status. Pain, 2001, 94, 7-15.	2.0	405
4	Unraveling the Mechanisms of Manual Therapy: Modeling an Approach. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 8-18.	1.7	254
5	The Effect of a Fear-Avoidanceâ€“Based Physical Therapy Intervention for Patients With Acute Low Back Pain: Results of a Randomized Clinical Trial. Spine, 2003, 28, 2551-2560.	1.0	252
6	Identifying Psychosocial Variables in Patients With Acute Work-Related Low Back Pain: The Importance of Fear-Avoidance Beliefs. Physical Therapy, 2002, 82, 973-983.	1.1	248
7	Incidence and risk factors for first-time incident low back pain: a systematic review and meta-analysis. Spine Journal, 2014, 14, 2299-2319.	0.6	222
8	The Association of Pain and Fear of Movement/Reinjury With Function During Anterior Cruciate Ligament Reconstruction Rehabilitation. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38, 746-753.	1.7	209
9	Psychologically Informed Practice for Management of Low Back Pain: Future Directions in Practice and Research. Physical Therapy, 2011, 91, 820-824.	1.1	201
10	Comparison of Physical Impairment, Functional, and Psychosocial Measures Based on Fear of Reinjury/Lack of Confidence and Return-to-Sport Status After ACL Reconstruction. American Journal of Sports Medicine, 2015, 43, 345-353.	1.9	200
11	Implications of early and guideline adherent physical therapy for low back pain on utilization and costs. BMC Health Services Research, 2015, 15, 150.	0.9	194
12	Interventions for the Management of Acute and Chronic Low Back Pain: Revision 2021. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, CPG1-CPG60.	1.7	191
13	Central sensitisation in chronic pain conditions: latest discoveries and their potential for precision medicine. Lancet Rheumatology, The, 2021, 3, e383-e392.	2.2	176
14	The Use of a Classification Approach to Identify Subgroups of Patients With Acute Low Back Pain. Spine, 2000, 25, 106.	1.0	175
15	Return to Preinjury Sports Participation Following Anterior Cruciate Ligament Reconstruction: Contributions of Demographic, Knee Impairment, and Self-report Measures. Journal of Orthopaedic and Sports Physical Therapy, 2012, 42, 893-901.	1.7	165
16	Changes in pain sensitivity following spinal manipulation: A systematic review and meta-analysis. Journal of Electromyography and Kinesiology, 2012, 22, 752-767.	0.7	158
17	The STarT Back Screening Tool and Individual Psychological Measures: Evaluation of Prognostic Capabilities for Low Back Pain Clinical Outcomes in Outpatient Physical Therapy Settings. Physical Therapy, 2013, 93, 321-333.	1.1	151
18	A Psychometric Investigation of Fear-Avoidance Model Measures in Patients With Chronic Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2010, 40, 197-205.	1.7	149

#	Article	IF	Citations
19	Evidence for a biopsychosocial influence on shoulder pain: Pain catastrophizing and catechol- O -methyltransferase (COMT) diplotype predict clinical pain ratings. Pain, 2008, 136, 53-61.	2.0	142
20	Fear of Pain, Pain Catastrophizing, and Acute Pain Perception: Relative Prediction and Timing of Assessment. Journal of Pain, 2008, 9, 806-812.	0.7	140
21	Risk Factors Associated With Transition From Acute to Chronic Low Back Pain in US Patients Seeking Primary Care. JAMA Network Open, 2021, 4, e2037371.	2.8	136
22	Psychometric Properties of the Fear-Avoidance Beliefs Questionnaire and Tampa Scale of Kinesiophobia in Patients With Shoulder Pain. Archives of Physical Medicine and Rehabilitation, 2010, 91, 1128-1136.	0.5	135
23	Spinal Manipulative Therapy Has an Immediate Effect on Thermal Pain Sensitivity in People With Low Back Pain: A Randomized Controlled Trial. Physical Therapy, 2009, 89, 1292-1303.	1.1	133
24	Investigation of Elevated Fear-Avoidance Beliefs for Patients With Low Back Pain: A Secondary Analysis Involving Patients Enrolled in Physical Therapy Clinical Trials. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38, 50-58.	1.7	130
25	Cognitive-Behavioralâ€“Based Physical Therapy for Patients With Chronic Pain Undergoing Lumbar Spine Surgery: A Randomized Controlled Trial. Journal of Pain, 2016, 17, 76-89.	0.7	130
26	Immediate effects of spinal manipulation on thermal pain sensitivity: an experimental study. BMC Musculoskeletal Disorders, 2006, 7, 68.	0.8	129
27	Advancing Psychologically Informed Practice for Patients With Persistent Musculoskeletal Pain: Promise, Pitfalls, and Solutions. Physical Therapy, 2018, 98, 398-407.	1.1	127
28	Longitudinal Changes in Psychosocial Factors and Their Association With Knee Pain and Function After Anterior Cruciate Ligament Reconstruction. Physical Therapy, 2011, 91, 1355-1366.	1.1	126
29	Sex and Pain-Related Psychological Variables Are Associated With Thermal Pain Sensitivity for Patients With Chronic Low Back Pain. Journal of Pain, 2007, 8, 2-10.	0.7	122
30	A randomized trial of behavioral physical therapy interventions for acute and sub-acute low back pain (NCT00373867). Pain, 2008, 140, 145-157.	2.0	122
31	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. Clinical Journal of Pain, 2006, 22, 197-203.	0.8	118
32	Multidimensional Success Criteria and Expectations for Treatment of Chronic Pain: The Patient Perspective. Pain Medicine, 2005, 6, 336-345.	0.9	117
33	Fear of Reinjury in Athletes. Sports Health, 2017, 9, 162-167.	1.3	117
34	Research design considerations for chronic pain prevention clinical trials. Pain, 2015, 156, 1184-1197.	2.0	115
35	Psychologically Informed Interventions for Low Back Pain: An Update for Physical Therapists. Physical Therapy, 2011, 91, 765-776.	1.1	113
36	The influence of expectation on spinal manipulation induced hypoalgesia: An experimental study in normal subjects. BMC Musculoskeletal Disorders, 2008, 9, 19.	0.8	110

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37	Relationship Between Categorization With the STarT Back Screening Tool and Prognosis for People Receiving Physical Therapy for Low Back Pain. Physical Therapy, 2011, 91, 722-732.	1.1	107
38	Muscle Adaptations with Immobilization and Rehabilitation after Ankle Fracture. Medicine and Science in Sports and Exercise, 2004, 36, 1695-1701.	0.2	105
39	Spinal Manipulative Therapyâ€“Specific Changes in Pain Sensitivity in Individuals With Low Back Pain (NCT01168999). Journal of Pain, 2014, 15, 136-148.	0.7	99
40	A Comparison of Fear-Avoidance Beliefs in Patients With Lumbar Spine Pain and Cervical Spine Pain. Spine, 2001, 26, 2139-2145.	1.0	98
41	Analysis of Shortened Versions of the Tampa Scale for Kinesiophobia and Pain Catastrophizing Scale for Patients After Anterior Cruciate Ligament Reconstruction. Clinical Journal of Pain, 2012, 28, 73-80.	0.8	96
42	A Randomized Sham-Controlled Trial of a Neurodynamic Technique in the Treatment of Carpal Tunnel Syndrome. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 709-723.	1.7	95
43	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. European Journal of Pain, 2006, 10, 457-457.	1.4	91
44	Placebo response to manual therapy: something out of nothing?. Journal of Manual and Manipulative Therapy, 2011, 19, 11-19.	0.7	90
45	Development of a Yellow Flag Assessment Tool for Orthopaedic Physical Therapists: Results From the Optimal Screening for Prediction of Referral and Outcome (OSPRO) Cohort. Journal of Orthopaedic and Sports Physical Therapy, 2016, 46, 327-343.	1.7	90
46	Fear of Pain Influences Outcomes After Exercise-induced Delayed Onset Muscle Soreness at the Shoulder. Clinical Journal of Pain, 2007, 23, 76-84.	0.8	85
47	Pain-Related Fear and Catastrophizing Predict Pain Intensity and Disability Independently Using an Induced Muscle Injury Model. Journal of Pain, 2012, 13, 370-378.	0.7	85
48	Experimental Pain Responses Support Peripheral and Central Sensitization in Patients With Unilateral Shoulder Pain. Clinical Journal of Pain, 2014, 30, 143-151.	0.8	84
49	Fear-Avoidance Beliefs and Clinical Outcomes for Patients Seeking Outpatient Physical Therapy for Musculoskeletal Pain Conditions. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 249-259.	1.7	83
50	The Relationship of Pain Intensity, Physical Impairment, and Pain-Related Fear to Function in Patients With Shoulder Pathology. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 270-277.	1.7	82
51	Psychologic Influence on Experimental Pain Sensitivity and Clinical Pain Intensity for Patients with Shoulder Pain. Journal of Pain, 2009, 10, 293-299.	0.7	82
52	Association of Early Physical Therapy With Long-term Opioid Use Among Opioid-Naive Patients With Musculoskeletal Pain. JAMA Network Open, 2018, 1, e185909.	2.8	82
53	Pain assessment and treatment disparities: A virtual human technology investigation. Pain, 2009, 143, 106-113.	2.0	81
54	Movement-evoked pain: transforming the way we understand and measure pain. Pain, 2019, 160, 757-761.	2.0	80

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55	Comparison of Graded Exercise and Graded Exposure Clinical Outcomes for Patients With Chronic Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2010, 40, 694-704.	1.7	79
56	Total Knee Arthroplasty as an Overnight-Stay Procedure Using Continuous Femoral Nerve Blocks at Home: A Prospective Feasibility Study. Anesthesia and Analgesia, 2006, 102, 87-90.	1.1	76
57	Patient-Reported Upper Extremity Outcome Measures Used in Breast Cancer Survivors: A Systematic Review. Archives of Physical Medicine and Rehabilitation, 2014, 95, 153-162.	0.5	76
58	Identifying psychosocial variables in patients with acute work-related low back pain: the importance of fear-avoidance beliefs. Physical Therapy, 2002, 82, 973-83.	1.1	76
59	The Central Sensitization Inventory and Pain Sensitivity Questionnaire: An exploration of construct validity and associations with widespread pain sensitivity among individuals with shoulder pain. Musculoskeletal Science and Practice, 2018, 36, 61-67.	0.6	75
60	An evaluation of the measurement of pain catastrophizing by the coping strategies questionnaire. European Journal of Pain, 2007, 11, 75-75.	1.4	74
61	Clinical Prediction Rules for Physical Therapy Interventions: A Systematic Review. Physical Therapy, 2009, 89, 114-124.	1.1	73
62	Immediate reduction in temporal sensory summation after thoracic spinal manipulation. Spine Journal, 2011, 11, 440-446.	0.6	73
63	Psychological predictors of recovery from low back pain: a prospective study. BMC Musculoskeletal Disorders, 2015, 16, 49.	0.8	72
64	Preference, Expectation, and Satisfaction in a Clinical Trial of Behavioral Interventions for Acute and Sub-Acute Low Back Pain. Journal of Pain, 2010, 11, 1074-1082.	0.7	70
65	Effects of Upper Extremity Neural Mobilization on Thermal Pain Sensitivity: A Sham-Controlled Study in Asymptomatic Participants. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 428-438.	1.7	67
66	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. BMC Medicine, 2011, 9, 128.	2.3	67
67	A Survey of Sports Medicine Physicians regarding Psychological Issues in Patient-Athletes. American Journal of Sports Medicine, 2007, 35, 2140-2147.	1.9	65
68	Pain Sensitivity and Pain Catastrophizing Are Associated With Persistent Pain and Disability After Lumbar Spine Surgery. Archives of Physical Medicine and Rehabilitation, 2015, 96, 1763-1770.	0.5	65
69	The impact of patientsâ€™ gender, race, and age on health care professionalsâ€™ pain management decisions: An online survey using virtual human technology. International Journal of Nursing Studies, 2014, 51, 726-733.	2.5	64
70	The Centralization Phenomenon and Fear-Avoidance Beliefs as Prognostic Factors for Acute Low Back Pain: A Preliminary Investigation Involving Patients Classified for Specific Exercise. Journal of Orthopaedic and Sports Physical Therapy, 2005, 35, 580-588.	1.7	63
71	Factors Associated With Function After Anterior Cruciate Ligament Reconstruction. Sports Health, 2009, 1, 47-53.	1.3	63
72	Psychosocial education improves low back pain beliefs: results from a cluster randomized clinical trial (NCT00373009) in a primary prevention setting. European Spine Journal, 2009, 18, 1050-1058.	1.0	63

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73	Biopsychosocial Influence on Exercise-induced Delayed Onset Muscle Soreness at the Shoulder: Pain Catastrophizing and Catechol-O-Methyltransferase (COMT) Diplotype Predict Pain Ratings. Clinical Journal of Pain, 2008, 24, 793-801.	0.8	62
74	Clinical Outcomes for Patients Classified by Fear-Avoidance Beliefs and Centralization Phenomenon. Archives of Physical Medicine and Rehabilitation, 2009, 90, 768-777.	0.5	61
75	Immediate Changes After Manual Therapy in Resting-State Functional Connectivity as Measured by Functional Magnetic Resonance Imaging in Participants With Induced Low Back Pain. Journal of Manipulative and Physiological Therapeutics, 2014, 37, 614-627.	0.4	61
76	Temporal summation of second pain: Variability in responses to a fixed protocol. European Journal of Pain, 2013, 17, 67-74.	1.4	60
77	Suprathreshold Heat Pain Response Is Associated With Clinical Pain Intensity for Patients With Shoulder Pain. Journal of Pain, 2011, 12, 133-140.	0.7	58
78	Fear of Movement, Quality of Life, and Self-Reported Disability in Obese Patients with Chronic Lumbar Pain. Pain Medicine, 2011, 12, 154-164.	0.9	58
79	Resistance Exercise, Disability, and Pain Catastrophizing in Obese Adults with Back Pain. Medicine and Science in Sports and Exercise, 2014, 46, 1693-1701.	0.2	58
80	Fear-Avoidance Beliefs and Temporal Summation of Evoked Thermal Pain Influence Self-Report of Disability in Patients With Chronic Low Back Pain. Journal of Occupational Rehabilitation, 2006, 16, 92-105.	1.2	56
81	Toward a Transformed Understanding: From Pain and Movement to Pain With Movement. Physical Therapy, 2016, 96, 1503-1507.	1.1	56
82	Optimal Screening for Prediction of Referral and Outcome (OSPRO) for Musculoskeletal Pain Conditions: Results From the Validation Cohort. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 460-475.	1.7	56
83	How Spinal Manipulative Therapy Works: Why Ask Why?. Journal of Orthopaedic and Sports Physical Therapy, 2008, 38, 293-295.	1.7	54
84	Morbid Obesity Is Associated With Fear of Movement and Lower Quality of Life in Patients With Knee Painâ€Related Diagnoses. PM and R, 2010, 2, 713-722.	0.9	54
85	Investigation of Central Pain Processing in Postoperative Shoulder Pain and Disability. Clinical Journal of Pain, 2014, 30, 775-786.	0.8	54
86	Sex Differences in the Associations Among Psychological Factors and Pain Report: A Novel Psychophysical Study of Patients With Chronic Low Back Pain. Journal of Pain, 2005, 6, 463-470.	0.7	53
87	Future Directions in Painful Knee Osteoarthritis: Harnessing Complexity in a Heterogeneous Population. Physical Therapy, 2014, 94, 422-432.	1.1	53
88	Abdominal and Lumbar Multifidus Muscle Size and Symmetry at Rest and During Contracted States. Journal of Ultrasound in Medicine, 2012, 31, 1099-1110.	0.8	52
89	Physical Therapy Utilization of Graded Exposure for Patients With Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2009, 39, 496-505.	1.7	51
90	Predictors of Occurrence and Severity of First Time Low Back Pain Episodes: Findings from a Military Inception Cohort. PLoS ONE, 2012, 7, e30597.	1.1	50

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91	Pragmatic Implementation of a Stratified Primary Care Model for Low Back Pain Management in Outpatient Physical Therapy Settings: Two-Phase, Sequential Preliminary Study. Physical Therapy, 2015, 95, 1120-1134.	1.1	49
92	Stability of conditioned pain modulation in two musculoskeletal pain models: investigating the influence of shoulder pain intensity and gender. BMC Musculoskeletal Disorders, 2013, 14, 182.	0.8	48
93	Investigation of Central Pain Processing in Shoulder Pain: Converging Results From 2 Musculoskeletal Pain Models. Journal of Pain, 2012, 13, 81-89.	0.7	47
94	What General and Pain-associated Psychological Distress Phenotypes Exist Among Patients with Hip and Knee Osteoarthritis?. Clinical Orthopaedics and Related Research, 2020, 478, 2768-2783.	0.7	47
95	Clinical Investigation of Pain-related Fear and Pain Catastrophizing for Patients With Low Back Pain. Clinical Journal of Pain, 2011, 27, 108-115.	0.8	46
96	Biopsychosocial Influence on Exercise-Induced Injury: Genetic and Psychological Combinations Are Predictive of Shoulder Pain Phenotypes. Journal of Pain, 2014, 15, 68-80.	0.7	46
97	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. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1338-1344.	0.5	45
98	Effects of Traditional Sit-up Training Versus Core Stabilization Exercises on Short-Term Musculoskeletal Injuries in US Army Soldiers: A Cluster Randomized Trial. Physical Therapy, 2010, 90, 1404-1412.	1.1	44
99	Bibliometric Analysis of Articles Published from 1980 to 2009 in Physical Therapy, Journal of the American Physical Therapy Association. Physical Therapy, 2011, 91, 642-655.	1.1	44
100	Depressive Symptoms, Anatomical Region, and Clinical Outcomes for Patients Seeking Outpatient Physical Therapy for Musculoskeletal Pain. Physical Therapy, 2011, 91, 358-372.	1.1	44
101	Reporting and utilization of Patient-Reported Outcomes Measurement Information SystemÂ® (PROMISÂ®) measures in orthopedic research and practice: a systematic review. Journal of Orthopaedic Surgery and Research, 2020, 15, 553.	0.9	44
102	Screening for Elevated Levels of Fear-Avoidance Beliefs Regarding Work or Physical Activities in People Receiving Outpatient Therapy. Physical Therapy, 2009, 89, 770-785.	1.1	43
103	Sex differences in experimental and clinical pain sensitivity for patients with shoulder pain. European Journal of Pain, 2011, 15, 118-123.	1.4	43
104	Stratified care to prevent chronic low back pain in high-risk patients: The TARGET trial. A multi-site pragmatic cluster randomized trial. EClinicalMedicine, 2021, 34, 100795.	3.2	43
105	Measurement of Lumbar Lordosis: Inter-rater Reliability, Minimum Detectable Change and Longitudinal Variation. Journal of Spinal Disorders and Techniques, 2006, 19, 501-506.	1.8	42
106	Low Back Pain Subgroups Using Fear-Avoidance Model Measures. Clinical Journal of Pain, 2012, 28, 658-666.	0.8	42
107	Clinical Examination Variables Discriminate Among Treatment-Based Classification Groups: A Study of Construct Validity in Patients With Acute Low Back Pain. Physical Therapy, 2005, 85, 306-314.	1.1	41
108	The STarT Back Screening Tool for Prediction of 6-Month Clinical Outcomes: Relevance of Change Patterns in Outpatient Physical Therapy Settings. Journal of Orthopaedic and Sports Physical Therapy, 2014, 44, 656-664.	1.7	40

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109	Interâ€Rater Reliability of Ultrasound Imaging of the Trunk Musculature Among Novice Raters. Journal of Ultrasound in Medicine, 2011, 30, 347-356.	0.8	39
110	Low- Versus High-Intensity Plyometric Exercise During Rehabilitation After Anterior Cruciate Ligament Reconstruction. American Journal of Sports Medicine, 2016, 44, 609-617.	1.9	39
111	Supra-threshold scaling, temporal summation, and after-sensation: relationships to each other and anxiety/fear. Journal of Pain Research, 2010, 3, 25.	0.8	38
112	Pain Sensitivity Subgroups in Individuals With Spine Pain: Potential Relevance to Short-Term Clinical Outcome. Physical Therapy, 2014, 94, 1111-1122.	1.1	38
113	Red flag screening for low back pain: nothing to see here, move along: a narrative review. British Journal of Sports Medicine, 2018, 52, 493-496.	3.1	38
114	Participant Perception of Recovery as Criterion to Establish Importance of Improvement for Constraint-Induced Movement Therapy Outcome Measures: A Preliminary Study. Physical Therapy, 2007, 87, 170-178.	1.1	37
115	Development of a Self-Report Measure of Fearful Activities for Patients With Low Back Pain: The Fear of Daily Activities Questionnaire. Physical Therapy, 2009, 89, 969-979.	1.1	37
116	Investigating patient characteristics on pain assessment using virtual human technology. European Journal of Pain, 2010, 14, 1040-1045.	1.4	37
117	Fear avoidance and self-efficacy at 4Âweeks after ACL reconstruction are associated with early impairment resolution and readiness for advanced rehabilitation. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 397-404.	2.3	37
118	Thermal and Pressure Pain Sensitivity in Patients with Unilateral Shoulder Pain: Comparison of Involved and Uninvolved Sides. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 165-173.	1.7	36
119	Basis for spinal manipulative therapy: A physical therapist perspective. Journal of Electromyography and Kinesiology, 2012, 22, 643-647.	0.7	36
120	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. Physical Therapy, 2018, 98, 290-301.	1.1	36
121	Identifying Patient Fear-Avoidance Beliefs by Physical Therapists Managing Patients With Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2010, 40, 774-783.	1.7	35
122	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. Journal of Manipulative and Physiological Therapeutics, 2010, 33, 117-124.	0.4	35
123	Subgrouping for Patients With Low Back Pain: A Multidimensional Approach Incorporating Cluster Analysis and the STarT Back Screening Tool. Journal of Pain, 2015, 16, 19-30.	0.7	35
124	Effects of Sit-up Training versus Core Stabilization Exercises on Sit-up Performance. Medicine and Science in Sports and Exercise, 2009, 41, 2072-2083.	0.2	34
125	Factors associated with persistently high-cost health care utilization for musculoskeletal pain. PLoS ONE, 2019, 14, e0225125.	1.1	34
126	Self-reported pain and disability outcomes from an endogenous model of muscular back pain. BMC Musculoskeletal Disorders, 2011, 12, 35.	0.8	33

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127	Prediction of healthcare utilization following an episode of physical therapy for musculoskeletal pain. BMC Health Services Research, 2018, 18, 648.	0.9	33
128	Sex Differences in Predictors of Outcome in Selected Physical Therapy Interventions for Acute Low Back Pain. Journal of Orthopaedic and Sports Physical Therapy, 2006, 36, 354-363.	1.7	32
129	Electronic health recordâ€“integrated approach for collection of patient-reported outcome measures: a retrospective evaluation. BMC Health Services Research, 2021, 21, 626.	0.9	31
130	Sex differences in pain anchors revisited: further investigation of â€œmost intenseâ€•and common pain eventsâ‹†. European Journal of Pain, 2004, 8, 299-305.	1.4	30
131	Biopsychosocial influence on shoulder pain. Pain, 2015, 156, 148-156.	2.0	30
132	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. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 252-264.	1.7	30
133	Rationale, design, and protocol for the prevention of low back pain in the military (POLM) trial (NCT00373009). BMC Musculoskeletal Disorders, 2007, 8, 92.	0.8	29
134	Preliminary Results of Patient-Defined Success Criteria for Individuals With Musculoskeletal Pain in Outpatient Physical Therapy Settings. Archives of Physical Medicine and Rehabilitation, 2012, 93, 434-440.	0.5	29
135	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. Journal of Orthopaedic and Sports Physical Therapy, 2015, 45, 512-526.	1.7	29
136	Influence of Initial Provider on Health Care Utilization in Patients Seeking Care for Neck Pain. Mayo Clinic Proceedings Innovations, Quality & Outcomes, 2017, 1, 226-233.	1.2	29
137	Identifying Treatment Effect Modifiers in the STarT Back Trial: A Secondary Analysis. Journal of Pain, 2017, 18, 54-65.	0.7	29
138	Physical Therapist Management of a Patient With Acute Low Back Pain and Elevated Fear-Avoidance Beliefs. Physical Therapy, 2004, 84, 538-549.	1.1	29
139	The Optimal Screening for Prediction of Referral and Outcome (OSPRO) in patients with musculoskeletal pain conditions: a longitudinal validation cohort from the USA. BMJ Open, 2017, 7, e015188.	0.8	28
140	Back Strength Predicts Walking Improvement in Obese, Older Adults With Chronic Low Back Pain. PM and R, 2014, 6, 418-426.	0.9	27
141	Preliminary Evaluation of a Modified STarT Back Screening Tool Across Different Musculoskeletal Pain Conditions. Physical Therapy, 2016, 96, 1251-1261.	1.1	27
142	Pain catastrophizing predicts pain intensity during a neurodynamic test for the median nerve in healthy participants. Manual Therapy, 2010, 15, 370-375.	1.6	26
143	Psychosocial factors in low back pain: letting go of our misconceptions can help management. British Journal of Sports Medicine, 2019, 53, 793-794.	3.1	26
144	Psychometric Evaluation of the Optimal Screening for Prediction of Referral and Outcome Yellow Flag (OSPRO-YF) Tool: Factor Structure, Reliability, and Validity. Journal of Pain, 2020, 21, 557-569.	0.7	26

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145	Characteristics of Patients With Lower Extremity Symptoms Treated With Slump Stretching: A Case Series. Journal of Orthopaedic and Sports Physical Therapy, 2002, 32, 391-398.	1.7	25
146	Management of the athlete with low back pain. Clinics in Sports Medicine, 2002, 21, 105-120.	0.9	25
147	Content and Bibliometric Analysis of Articles Published in theJournal of Orthopaedic & Sports Physical Therapy. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 920-931.	1.7	25
148	Exercise-induced Pain Intensity Predicted by Pre-exercise Fear of Pain and Pain Sensitivity. Clinical Journal of Pain, 2011, 27, 398-404.	0.8	25
149	Validity of a Paradigm for Low Back Pain Symptom Development During Prolonged Standing. Clinical Journal of Pain, 2015, 31, 652-659.	0.8	25
150	Near-Infrared Light Therapy to Attenuate Strength Loss After Strenuous Resistance Exercise. Journal of Athletic Training, 2015, 50, 45-50.	0.9	25
151	Neurochemical Analysis of Primary Motor Cortex in Chronic Low Back Pain. Brain Sciences, 2012, 2, 319-331.	1.1	24
152	Biopsychosocial Influence on Shoulder Pain: Influence of Genetic and Psychological Combinations on Twelveâ€Month Postoperative Pain and Disability Outcomes. Arthritis Care and Research, 2016, 68, 1671-1680.	1.5	24
153	Change in Psychosocial Distress Associated With Pain and Functional Status Outcomes in Patients With Lumbar Impairments Referred to Physical Therapy Services. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 969-980.	1.7	23
154	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. Journal of Orthopaedic and Sports Physical Therapy, 2011, 41, 336-345.	1.7	23
155	Psychosocial Influences on Low Back Pain: Why Should You Care?. Physical Therapy, 2011, 91, 609-613.	1.1	23
156	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. Trials, 2019, 20, 256.	0.7	23
157	Value-Based Care for Musculoskeletal Pain: Are Physical Therapists Ready to Deliver?. Physical Therapy, 2020, 100, 621-632.	1.1	23
158	Transforming low back pain care delivery in the United States. Pain, 2020, 161, 2667-2673.	2.0	23
159	Total Hip Arthroplasty as an Overnight-Stay Procedure Using an Ambulatory Continuous Psoas Compartment Nerve Block: A Prospective Feasibility Study. Regional Anesthesia and Pain Medicine, 2006, 31, 113-118.	1.1	22
160	Comparative Associations of Working Memory and Pain Catastrophizing With Chronic Low Back Pain Intensity. Physical Therapy, 2016, 96, 1049-1056.	1.1	22
161	Patient-defined desired outcome, success criteria, and expectation in outpatient physical therapy: a longitudinal assessment. Health and Quality of Life Outcomes, 2017, 15, 29.	1.0	22
162	Optimism Moderates the Influence of Pain Catastrophizing on Shoulder Pain Outcome: A Longitudinal Analysis. Journal of Orthopaedic and Sports Physical Therapy, 2017, 47, 21-30.	1.7	22

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