Jean-Sebastien Roy

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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.

127 papers	2,902 citations	27 h-index	50 g-index
130 ext. papers	3,591 ext. citations	3.1 avg, IF	5.49 L-index

#	Paper	IF	Citations
127	Measuring shoulder function: a systematic review of four questionnaires. *Arthritis and Rheumatism*, **2009**, 61, 623-32		463
126	Diagnostic accuracy of ultrasonography, MRI and MR arthrography in the characterisation of rotator cuff disorders: a systematic review and meta-analysis. *British Journal of Sports Medicine*, **2015**, 49, 1316-28	10.3	164
125	A systematic review of the psychometric properties of the Constant-Murley score. *Journal of Shoulder and Elbow Surgery*, **2010**, 19, 157-64	4.3	143
124	Advanced practice physiotherapy in patients with musculoskeletal disorders: a systematic review. *BMC Musculoskeletal Disorders*, **2012**, 13, 107	2.8	140
123	Effect of motor control and strengthening exercises on shoulder function in persons with impingement syndrome: a single-subject study design. *Manual Therapy*, **2009**, 14, 180-8		92
122	A consensus definition and rating scale for minimalist shoes. *Journal of Foot and Ankle Research*, **2015**, 8, 42	3.2	88
121	Rotator Cuff Tendinopathy: Navigating the Diagnosis-Management Conundrum. *Journal of Orthopaedic and Sports Physical Therapy*, **2015**, 45, 923-37	4.2	86
120	Validity and Reliability of Wearable Sensors for Joint Angle Estimation: A Systematic Review. *Sensors*, **2019**, 19,	3.8	80
119	The efficacy of manual therapy for rotator cuff tendinopathy: a systematic review and meta-analysis. *Journal of Orthopaedic and Sports Physical Therapy*, **2015**, 45, 330-50	4.2	68
118	Validation of an advanced practice physiotherapy model of care in an orthopaedic outpatient clinic. *BMC Musculoskeletal Disorders*, **2013**, 14, 162	2.8	67
117	Upper limb motor strategies in persons with and without shoulder impingement syndrome across different speeds of movement. *Clinical Biomechanics*, **2008**, 23, 1227-36	2.2	55
116	The simple shoulder test is responsive in assessing change following shoulder arthroplasty. *Journal of Orthopaedic and Sports Physical Therapy*, **2010**, 40, 413-21	4.2	54
115	Is combining gait retraining or an exercise programme with education better than education alone in treating runners with patellofemoral pain?A randomised clinical trial. *British Journal of Sports Medicine*, **2018**, 52, 659-666	10.3	51
114	The concurrent validity of a hand-held versus a stationary dynamometer in testing isometric shoulder strength. *Journal of Hand Therapy*, **2009**, 22, 320-6; quiz 327	1.6	51
113	Tonic pain experienced during locomotor training impairs retention despite normal performance during acquisition. *Journal of Neuroscience*, **2014**, 34, 9190-5	6.6	49
112	Alterations in central motor representation increase over time in individuals with rotator cuff tendinopathy. *Clinical Neurophysiology*, **2015**, 126, 365-71	4.3	47
111	Psychometric properties of presenteeism scales for musculoskeletal disorders: a systematic review. *Journal of Rehabilitation Medicine*, **2011**, 43, 23-31	3.4	45

110	Psychometric properties of self-reported questionnaires for the evaluation of symptoms and functional limitations in individuals with rotator cuff disorders: a systematic review. *Disability and Rehabilitation*, **2016**, 38, 103-22	2.4	44
109	Effects of a movement training oriented rehabilitation program on symptoms, functional limitations and acromiohumeral distance in individuals with subacromial pain syndrome. *Manual Therapy*, **2015**, 20, 703-8		42
108	Lower limb control and strength in runners with and without patellofemoral pain syndrome. *Gait and Posture*, **2015**, 41, 813-9	2.6	39
107	Validity and responsiveness of presenteeism scales in chronic work-related upper-extremity disorders. *Physical Therapy*, **2011**, 91, 254-66	3.3	39
106	The efficacy of therapeutic ultrasound for rotator cuff tendinopathy: A systematic review and meta-analysis. *Physical Therapy in Sport*, **2015**, 16, 276-84	3	36
105	Efficacy of exercise therapy in workers with rotator cuff tendinopathy: a systematic review. *Journal of Occupational Health*, **2016**, 58, 389-403	2.3	36
104	What is a Successful Outcome Following Reverse Total Shoulder Arthroplasty?. *The Open Orthopaedics Journal*, **2010**, 4, 157-63	0.3	36
103	Effects of radiation therapy on the structure and function of the pelvic floor muscles of patients with cancer in the pelvic area: a systematic review. *Journal of Cancer Survivorship*, **2016**, 10, 351-62	5.1	35
102	Psychometric evidence of self-reported questionnaires for patellofemoral pain syndrome: a systematic review. *Disability and Rehabilitation*, **2013**, 35, 2181-90	2.4	34
101	Effect of tonic pain on motor acquisition and retention while learning to reach in a force field. *PLoS ONE*, **2014**, 9, e99159	3.7	34
100	Shoulder proprioception: How is it measured and is it reliable? A systematic review. *Journal of Hand Therapy*, **2017**, 30, 221-231	1.6	27
99	Video-based assessment of foot strike pattern and step rate is valid and reliable in runners with patellofemoral pain. *Physical Therapy in Sport*, **2018**, 29, 108-112	3	26
98	Rotational strength, range of motion, and function in people with unaffected shoulders from various stages of life. *BMC Sports Science, Medicine and Rehabilitation*, **2009**, 1, 4	2.4	26
97	Diagnostic validity of physical examination tests for common knee disorders: An overview of systematic reviews and meta-analysis. *Physical Therapy in Sport*, **2017**, 23, 143-155	3	25
96	Comparison of 2 manual therapy and exercise protocols for cervical radiculopathy: a randomized clinical trial evaluating short-term effects. *Journal of Orthopaedic and Sports Physical Therapy*, **2015**, 45, 4-17	4.2	25
95	Reliability, validity, and responsiveness of a Canadian French adaptation of the Western Ontario Rotator Cuff (WORC) index. *Journal of Hand Therapy*, **2015**, 28, 292-8; quiz 299	1.6	23
94	Psychometric properties of the Musculoskeletal Function Assessment and the Short Musculoskeletal Function Assessment: a systematic review. *Clinical Rehabilitation*, **2016**, 30, 393-409	3.3	21
93	Electromyographic analysis of rotator cuff muscles in patients with rotator cuff tendinopathy: A systematic review. *Journal of Electromyography and Kinesiology*, **2017**, 35, 100-114	2.5	20

92	Running Biomechanics in Individuals with Anterior Cruciate Ligament Reconstruction: A Systematic Review. *Sports Medicine*, **2019**, 49, 1411-1424	10.6	20
91	Shoulder Rotator Cuff Disorders: A Systematic Review of Clinical Practice Guidelines and Semantic Analyses of Recommendations. *Archives of Physical Medicine and Rehabilitation*, **2020**, 101, 1233-1242	2.8	19
90	THE EFFICACY OF TAPING FOR ROTATOR CUFF TENDINOPATHY: A SYSTEMATIC REVIEW AND META-ANALYSIS. *International Journal of Sports Physical Therapy*, **2015**, 10, 420-33	1.4	19
89	Efficacy of surgery for rotator cuff tendinopathy: a systematic review. *Clinical Rheumatology*, **2014**, 33, 1373-83	3.9	18
88	The reliability of three-dimensional scapular attitudes in healthy people and people with shoulder impingement syndrome. *BMC Musculoskeletal Disorders*, **2007**, 8, 49	2.8	18
87	Footwear characteristics are related to running mechanics in runners with patellofemoral pain. *Gait and Posture*, **2017**, 54, 144-147	2.6	17
86	The Effects of a Multimodal Rehabilitation Program on Symptoms and Ground-Reaction Forces in Runners With Patellofemoral Pain Syndrome. *Journal of Sport Rehabilitation*, **2016**, 25, 23-30	1.7	17
85	Aerobic Exercise for Sport-related Concussion: A Systematic Review and Meta-analysis. *Medicine and Science in Sports and Exercise*, **2020**, 52, 2491-2499	1.2	16
84	Translation, cross-cultural adaptation and validation of the French version of the Knee Outcome Survey-Activities of Daily Living Scale. *Clinical Rehabilitation*, **2014**, 28, 614-23	3.3	16
83	Beyond the Joint: The Role of Central Nervous System Reorganizations in Chronic Musculoskeletal Disorders. *Journal of Orthopaedic and Sports Physical Therapy*, **2017**, 47, 817-821	4.2	16
82	Validity of Wearable Sensors at the Shoulder Joint: Combining Wireless Electromyography Sensors and Inertial Measurement Units to Perform Physical Workplace Assessments. *Sensors*, **2019**, 19,	3.8	15
81	Pain Induced during Both the Acquisition and Retention Phases of Locomotor Adaptation Does Not Interfere with Improvements in Motor Performance. *Neural Plasticity*, **2016**, 2016, 8539096	3.3	15
80	Effects of kinesiotaping added to a rehabilitation programme for patients with rotator cuff tendinopathy: protocol for a single-blind, randomised controlled trial addressing symptoms, functional limitations and underlying deficits. *BMJ Open*, **2017**, 7, e017951	3	13
79	Is ultrasound-guided lavage an effective intervention for rotator cuff calcific tendinopathy? A systematic review with a meta-analysis of randomised controlled trials. *BMJ Open Sport and Exercise Medicine*, **2019**, 5, e000506	3.4	13
78	The effects of unsupervised movement training with visual feedback on upper limb kinematic in persons with shoulder impingement syndrome. *Journal of Electromyography and Kinesiology*, **2010**, 20, 939-46	2.5	13
77	Effects of repeated walking in a perturbing environment: a 4-day locomotor learning study. *Journal of Neurophysiology*, **2012**, 108, 275-84	3.2	13
76	Effect of a rehabilitation program on performance-related musculoskeletal disorders in student and professional orchestral musicians: a randomized controlled trial. *Clinical Rehabilitation*, **2018**, 32, 1656-1665	3.3	12
75	Impact of movement training on upper limb motor strategies in persons with shoulder impingement syndrome. *BMC Sports Science, Medicine and Rehabilitation*, **2009**, 1, 8	2.4	12

74	. *IEEE Sensors Journal*, **2020**, 20, 7783-7791	4	11
73	Psychometric evidence for clinical outcome measures assessing shoulder disorders. *Physical Therapy Reviews*, **2011**, 16, 331-346	0.7	11
72	Acceptability of physiotherapists as primary care practitioners and advanced practice physiotherapists for care of patients with musculoskeletal disorders: a survey of a university community within the province of Quebec. *BMC Musculoskeletal Disorders*, **2016**, 17, 400	2.8	11
71	Development and reliability of a measure evaluating dynamic proprioception during walking with a robotized ankle-foot orthosis, and its relation to dynamic postural control. *Gait and Posture*, **2016**, 49, 213-218	2.6	11
70	Cryotherapy or gradual reloading exercises in acute presentations of rotator cuff tendinopathy: a randomised controlled trial. *BMJ Open Sport and Exercise Medicine*, **2018**, 4, e000477	3.4	11
69	Determinants and predictors of absenteeism and return-to-work in workers with shoulder disorders. *Work*, **2016**, 55, 101-113	1.6	10
68	Immediate effects of kinesiotaping on acromiohumeral distance and shoulder proprioception in individuals with symptomatic rotator cuff tendinopathy. *Clinical Biomechanics*, **2019**, 61, 16-21	2.2	10
67	Cortical mapping of the infraspinatus muscle in healthy individuals. *BMC Neuroscience*, **2013**, 14, 52	3.2	9
66	Reliability of ultrasound evaluation of the long head of the biceps tendon. *Journal of Rehabilitation Medicine*, **2016**, 48, 554-8	3.4	9
65	Anodal Transcranial Direct-Current Stimulation to Enhance Rehabilitation in Individuals With Rotator Cuff Tendinopathy: A Triple-Blind Randomized Controlled Trial. *Journal of Orthopaedic and Sports Physical Therapy*, **2018**, 48, 541-551	4.2	9
64	The Canadian minimum dataset for chronic low back pain research: a cross-cultural adaptation of the National Institutes of Health Task Force Research Standards. *CMAJ Open*, **2017**, 5, E237-E248	2.5	8
63	Effect of experimental muscle pain on the acquisition and retention of locomotor adaptation: different motor strategies for a similar performance. *Journal of Neurophysiology*, **2018**, 119, 1647-1657	3.2	8
62	Ultrasonographic Measures of the Acromiohumeral Distance and Supraspinatus Tendon Thickness in Manual Wheelchair Users With Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation*, **2017**, 98, 517-524	2.8	8
61	The kinematics of upper extremity reaching: a reliability study on people with and without shoulder impingement syndrome. *BMC Sports Science, Medicine and Rehabilitation*, **2010**, 2, 8	2.4	8
60	The Addition of Glenohumeral Adductor Coactivation to a Rotator Cuff Exercise Program for Rotator Cuff Tendinopathy: A Single-Blind Randomized Controlled Trial. *Journal of Orthopaedic and Sports Physical Therapy*, **2019**, 49, 126-135	4.2	8
59	Force Resistance Training in Hand Grasp and Arm Therapy: Feasibility of a Low-Cost Videogame Controller. *Games for Health Journal*, **2018**, 7, 277-287	4.2	7
58	Proprioception: How is it affected by shoulder pain? A systematic review. *Journal of Hand Therapy*, **2020**, 33, 507-516	1.6	7
57	The effect of experimental pain on the excitability of the corticospinal tract in humans: A systematic review and meta-analysis. *European Journal of Pain*, **2021**, 25, 1209-1226	3.7	7

56	The Quebec Low Back Pain Study: a protocol for an innovative 2-tier provincial cohort. *Pain Reports*, **2020**, 5, e799	3.5	6
55	Effects of rehabilitation approaches for runners with patellofemoral pain: protocol of a randomised clinical trial addressing specific underlying mechanisms. *BMC Musculoskeletal Disorders*, **2016**, 17, 5	2.8	6
54	Efficacy of workplace interventions for shoulder pain: A systematic review and meta-analysis. *Journal of Rehabilitation Medicine*, **2017**, 49, 529-542	3.4	6
53	The Effectiveness of an Upper Extremity Neuromuscular Training Program on the Shoulder Function of Military Members With a Rotator Cuff Tendinopathy: A Pilot Randomized Controlled Trial. *Military Medicine*, **2019**, 184, e385-e393	1.3	6
52	Acute proximal humeral fractures in adults. *Journal of Hand Therapy*, **2017**, 30, 158-166	1.6	5
51	Validity and Reliability of 2-Dimensional Video-Based Assessment to Analyze Foot Strike Pattern and Step Rate During Running: A Systematic Review. *Sports Health*, **2019**, 11, 409-415	4.7	5
50	Influence of dominant- as compared with nondominant-side symptoms on Disabilities of the Arm, Shoulder and Hand and Western Ontario Rotator Cuff scores in patients with rotator cuff tendinopathy. *Journal of Shoulder and Elbow Surgery*, **2018**, 27, 1112-1116	4.3	5
49	Predictors of clinical success in runners with patellofemoral pain: Secondary analyses of a randomized clinical trial. *Journal of Science and Medicine in Sport*, **2018**, 21, 777-782	4.4	5
48	Cervicovestibular rehabilitation in adult with mild traumatic brain injury: a randomised controlled trial protocol. *BMC Sports Science, Medicine and Rehabilitation*, **2019**, 11, 25	2.4	5
47	The association between running injuries and training parameters: A systematic review. *Journal of Athletic Training*, **2021**,	4	5
46	Factors associated with waiting times for persons with rheumatic conditions in multidisciplinary pain treatment facilities. *Journal of Pain Research*, **2019**, 12, 2379-2390	2.9	4
45	PhysiotherapistsSability to diagnose and manage shoulder disorders in an outpatient orthopedic clinic: results from a concordance study. *Journal of Shoulder and Elbow Surgery*, **2020**, 29, 1564-1572	4.3	4
44	Systematic review of motor control and somatosensation assessment tests for the ankle. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000685	3.4	4
43	Kinesiotaping for the Rehabilitation of Rotator Cuff-Related Shoulder Pain: A Randomized Clinical Trial. *Sports Health*, **2021**, 13, 161-172	4.7	4
42	Can a Conservative Rehabilitation Strategy Improve Shoulder Proprioception? A Systematic Review. *Journal of Sport Rehabilitation*, **2020**, 30, 136-151	1.7	4
41	The burden of waiting to access pain clinic services: perceptions and experiences of patients with rheumatic conditions. *BMC Health Services Research*, **2021**, 21, 160	2.9	4
40	Effect of fatigue and the absence of visual feedback on shoulder motor control in an healthy population during a reaching task. *Gait and Posture*, **2019**, 74, 135-141	2.6	3
39	The association between waiting time and multidisciplinary pain treatment outcomes in patients with rheumatic conditions. *BMC Rheumatology*, **2020**, 4, 59	2.9	3

38	Seven Key Themes in Physical Therapy Advice for Patients Living With Subacromial Shoulder Pain: A Scoping Review. *Journal of Orthopaedic and Sports Physical Therapy*, **2020**, 50, 285-a12	4.2	3
37	Construct and predictive validity of the chronic pain grade in workers with chronic work-related upper-extremity disorders. *Clinical Journal of Pain*, **2013**, 29, 891-7	3.5	3
36	Alternative Representation of the Shoulder Orientation Based on the Tilt-and-Torsion Angles. *Journal of Biomechanical Engineering*, **2020**, 142,	2.1	3
35	Most Military Runners Report Recent Changes in Running Parameters Before Lower Limb Injury Onset. *Military Medicine*, **2021**, 186, e1140-e1148	1.3	3
34	Fatigue, induced via repetitive upper-limb motor tasks, influences trunk and shoulder kinematics during an upper limb reaching task in a virtual reality environment. *PLoS ONE*, **2021**, 16, e0249403	3.7	3
33	Ankle proprioception during gait in individuals with incomplete spinal cord injury. *Physiological Reports*, **2019**, 7, e14328	2.6	3
32	The Influence of Running on Lower Limb Cartilage: A Systematic Review and Meta-analysis. *Sports Medicine*, **2021**, 1	10.6	3
31	International physical therapists consensus on clinical descriptors for diagnosing rotator cuff related shoulder pain: A Delphi study.. *Brazilian Journal of Physical Therapy*, **2022**, 26, 100395	3.7	3
30	Reliability of Inclinometer-Derived Passive Range of Motion Measures in Youth with Cerebral Palsy. *Physical and Occupational Therapy in Pediatrics*, **2019**, 39, 655-668	2.1	2
29	Test-retest reliability of an adapted version of the International Physical Activity Questionnaire for healthy individuals and stroke survivors. *Annals of Physical and Rehabilitation Medicine*, **2020**, 63, 581-583	3.8	2
28	Prognostic factors of a favorable outcome following a supervised exercise program for soldiers with sub-acute and chronic low back pain. *BMC Musculoskeletal Disorders*, **2018**, 19, 95	2.8	2
27	Using evidence-based practice to select diagnostic tests. *Hand Clinics*, **2009**, 25, 49-57, vi	1.7	2
26	Gait Adaptation to a Phase-Specific Nociceptive Electrical Stimulation Applied at the Ankle: A Model to Study Musculoskeletal-Like Pain.. *Frontiers in Human Neuroscience*, **2021**, 15, 762450	3.3	2
25	Measuring functional outcome in Dupuytren's disease: A systematic review of patient-reported outcome measures. *Journal of Hand Therapy*, **2021**,	1.6	2
24	A qualitative study exploring the implementation determinants of rehabilitation and global wellness programs for orchestral musicians. *Clinical Rehabilitation*, **2021**, 35, 1488-1499	3.3	2
23	The Effect of Noninvasive Brain Stimulation to Reduce Nonspecific Low Back Pain: A Systematic Review and Meta-analysis. *Clinical Journal of Pain*, **2021**, 37, 475-485	3.5	2
22	Response to: 'Optimising the efficacy of gait retraining' *British Journal of Sports Medicine*, **2019**, 53, 530-531	5.3	2
21	Why do we need new patient-reported outcomes?. *Journal of Hand Therapy*, **2015**, 28, 336	1.6	1

20	Allumo: Preprocessing and Calibration Software for Wearable Accelerometers Used in Posture Tracking. *Sensors*, **2019**, 20,	3.8	1
19	Hip kinematics during functional tasks in females with patellofemoral pain: Modification following rehabilitation and correlation with clinical improvement. *Physical Therapy in Sport*, **2018**, 32, 7-14	3	1
18	Patient-reported outcome measures of musculoskeletal symptoms and psychosocial factors in musicians: a systematic review of psychometric properties.. *Quality of Life Research*, **2022**, 1	3.7	1
17	Should ice application be replaced with neurocryostimulation for the treatment of acute lateral ankle sprains? A randomized clinical trial. *Journal of Foot and Ankle Research*, **2020**, 13, 69	3.2	1
16	Is There a Decrease in the Acromiohumeral Distance Among Recreational Overhead Athletes With Rotator Cuff-Related Shoulder Pain?. *Journal of Sport Rehabilitation*, **2020**, 30, 531-537	1.7	1
15	Region-specific Exercises vs General Exercises in the Management of Spinal and Peripheral Musculoskeletal Disorders: A Systematic Review With Meta-analyses of Randomized Controlled Trials. *Archives of Physical Medicine and Rehabilitation*, **2021**, 102, 2201-2218	2.8	1
14	The impact of experimental pain on shoulder movement during an arm elevated reaching task in a virtual reality environment. *Physiological Reports*, **2021**, 9, e15025	2.6	1
13	Low back pain definitions: effect on patient inclusion and clinical profiles.. *Pain Reports*, **2022**, 7, e997	3.5	1
12	The use of a three-dimensional dynamic arm support prevents the development of muscle fatigue during repetitive manual tasks in healthy individuals.. *PLoS ONE*, **2022**, 17, e0266390	3.7	1
11	Alteration of ankle proprioceptive threshold during gait in the presence of acute experimental pain.. *PLoS ONE*, **2022**, 17, e0263161	3.7	0
10	Rotator cuff-related shoulder pain: does the type of exercise influence the outcomes? Protocol of a randomised controlled trial. *BMJ Open*, **2020**, 10, e039976	3	0
9	Upper limb active joint repositioning during a multijoint task in participants with and without rotator cuff tendinopathy and effect of a rehabilitation program. *Journal of Hand Therapy*, **2020**, 33, 73-79	1.6	0
8	Does musculoskeletal pain interfere with motor learning in a gait adaptation task? A proof-of-concept study.. *BMC Musculoskeletal Disorders*, **2022**, 23, 281	2.8	0
7	Impact of fatigue at the shoulder on the contralateral upper limb kinematics and performance.. *PLoS ONE*, **2022**, 17, e0266370	3.7	0
6	Measurement properties of the Pain Self-Efficacy Questionnaire in populations with musculoskeletal disorders: a systematic review.. *Pain Reports*, **2021**, 6, e972	3.5	0
5	Co-creation of an exercise inventory to improve scapular stabilization and control among individuals with rotator cuff-related shoulder pain: a survey-based study amongst physiotherapists.. *Archives of Physiotherapy*, **2022**, 12, 11	2.5	0
4	Un essai clinique randomisé chez des coureurs ayant un syndrome fémoro-patellaire. *Kinesitherapie*, **2017**, 17, 42-43	0.1	
3	A gaming system with haptic feedback to improve upper extremity function: A prospective case series. *Technology and Disability*, **2021**, 33, 195-206	0.7	

2	Evidence for increased neuromuscular drive following spinal manipulation in individuals with subacromial pain syndrome. *Clinical Biomechanics*, **2021**, 90, 105485	2.2
1	Group-based exercice training programs for military members presenting musculoskeletal disorders - protocol for a pragmatic randomized controlled trial.. *BMC Musculoskeletal Disorders*, **2022**, 23, 366	2.8