

Nathalie Anne Roussel

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

3,260
citations

147566

31
h-index

155451

55
g-index

92
all docs

92
docs citations

92
times ranked

3104
citing authors

#	ARTICLE	IF	CITATIONS
1	Central Sensitization and Altered Central Pain Processing in Chronic Low Back Pain. <i>Clinical Journal of Pain</i> , 2013, 29, 625-638.	0.8	243
2	Thinking beyond muscles and joints: Therapists' and patients' attitudes and beliefs regarding chronic musculoskeletal pain are key to applying effective treatment. <i>Manual Therapy</i> , 2013, 18, 96-102.	1.6	186
3	Effect of Pain Neuroscience Education Combined With Cognition-Targeted Motor Control Training on Chronic Spinal Pain. <i>JAMA Neurology</i> , 2018, 75, 808.	4.5	176
4	Reduced pressure pain thresholds in response to exercise in chronic fatigue syndrome but not in chronic low back pain: An experimental study. <i>Journal of Rehabilitation Medicine</i> , 2010, 42, 884-890.	0.8	164
5	Applying modern pain neuroscience in clinical practice: criteria for the classification of central sensitization pain. <i>Pain Physician</i> , 2014, 17, 447-57.	0.3	158
6	Fear of movement and avoidance behaviour toward physical activity in chronic-fatigue syndrome and fibromyalgia: state of the art and implications for clinical practice. <i>Clinical Rheumatology</i> , 2013, 32, 1121-1129.	1.0	125
7	A Modern Neuroscience Approach to Chronic Spinal Pain: Combining Pain Neuroscience Education With Cognition-Targeted Motor Control Training. <i>Physical Therapy</i> , 2014, 94, 730-738.	1.1	123
8	Pain Neurophysiology Education and Therapeutic Exercise for Patients With Chronic Low Back Pain: A Single-Blind Randomized Controlled Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 338-347.	0.5	116
9	Altered lumbopelvic movement control but not generalized joint hypermobility is associated with increased injury in dancers. A prospective study. <i>Manual Therapy</i> , 2009, 14, 630-635.	1.6	105
10	Treatment of central sensitization in patients with "unexplained" chronic pain: what options do we have?. <i>Expert Opinion on Pharmacotherapy</i> , 2011, 12, 1087-1098.	0.9	94
11	Nociception Affects Motor Output. <i>Clinical Journal of Pain</i> , 2012, 28, 175-181.	0.8	83
12	Low Back Pain: Clinimetric Properties of the Trendelenburg Test, Active Straight Leg Raise Test, and Breathing Pattern During Active Straight Leg Raising. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2007, 30, 270-278.	0.4	82
13	Scapular Positioning in Patients With Shoulder Pain: A Study Examining the Reliability and Clinical Importance of 3 Clinical Tests. <i>Archives of Physical Medicine and Rehabilitation</i> , 2005, 86, 1349-1355.	0.5	78
14	Clinical assessment of the scapula: a review of the literature. <i>British Journal of Sports Medicine</i> , 2014, 48, 883-890.	3.1	77
15	Central sensitization in urogynecological chronic pelvic pain: a systematic literature review. <i>Pain Physician</i> , 2013, 16, 291-308.	0.3	68
16	Dysfunctional pain inhibition in patients with chronic whiplash-associated disorders: an experimental study. <i>Clinical Rheumatology</i> , 2013, 32, 23-31.	1.0	64
17	Blended-Learning Pain Neuroscience Education for People With Chronic Spinal Pain: Randomized Controlled Multicenter Trial. <i>Physical Therapy</i> , 2018, 98, 357-368.	1.1	63
18	Systematic review: risk factors for musculoskeletal disorders in musicians. <i>Occupational Medicine</i> , 2016, 66, 614-622.	0.8	62

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19	Does Scapular Positioning Predict Shoulder Pain in Recreational Overhead Athletes?. <i>International Journal of Sports Medicine</i> , 2014, 35, 75-82.	0.8	57
20	Clinimetric properties of illness perception questionnaire revised (IPQ-R) and brief illness perception questionnaire (Brief IPQ) in patients with musculoskeletal disorders: A systematic review. <i>Manual Therapy</i> , 2015, 20, 10-17.	1.6	56
21	Prevalence, Incidence, Localization, and Pathophysiology of Myofascial Trigger Points in Patients With Spinal Pain: A Systematic Literature Review. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2015, 38, 587-600.	0.4	55
22	Clinical Assessment of Scapular Positioning in Patients with Shoulder Pain: State of the Art. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2007, 30, 69-75.	0.4	51
23	Association Between Symptoms of Central Sensitization and Cognitive Behavioral Factors in People With Chronic Nonspecific Low Back Pain: A Cross-sectional Study. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2018, 41, 92-101.	0.4	49
24	Altered breathing patterns during lumbopelvic motor control tests in chronic low back pain: a case-control study. <i>European Spine Journal</i> , 2009, 18, 1066-1073.	1.0	46
25	Sensorimotor incongruence exacerbates symptoms in patients with chronic whiplash associated disorders: an experimental study. <i>Rheumatology</i> , 2012, 51, 1492-1499.	0.9	43
26	Lack of evidence for central sensitization in idiopathic, non-traumatic neck pain: a systematic review. <i>Pain Physician</i> , 2015, 18, 223-36.	0.3	41
27	Applying contemporary neuroscience in exercise interventions for chronic spinal pain: treatment protocol. <i>Brazilian Journal of Physical Therapy</i> , 2017, 21, 378-387.	1.1	39
28	Patients With Chronic Spinal Pain Benefit From Pain Neuroscience Education Regardless the Self-Reported Signs of Central Sensitization: Secondary Analysis of a Randomized Controlled Multicenter Trial. <i>PM and R</i> , 2018, 10, 1330.	0.9	35
29	Gaining insight into the complexity of pain in patients with haemophilia: State-of-the-art review on pain processing. <i>Haemophilia</i> , 2018, 24, 3-8.	1.0	35
30	Physical therapists should integrate illness perceptions in their assessment in patients with chronic musculoskeletal pain; a qualitative analysis. <i>Manual Therapy</i> , 2014, 19, 229-234.	1.6	34
31	Cervical motor dysfunction and its predictive value for long-term recovery in patients with acute whiplash-associated disorders: A systematic review. <i>Journal of Rehabilitation Medicine</i> , 2013, 45, 113-122.	0.8	33
32	Sensorimotor incongruence triggers sensory disturbances in professional violinists: an experimental study. <i>Rheumatology</i> , 2010, 49, 1281-1289.	0.9	32
33	Efficacy of a modern neuroscience approach versus usual care evidence-based physiotherapy on pain, disability and brain characteristics in chronic spinal pain patients: protocol of a randomized clinical trial. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 149.	0.8	32
34	Motor Control and Low Back Pain in Dancers. <i>International Journal of Sports Medicine</i> , 2013, 34, 138-143.	0.8	31
35	Interrater and intrarater reliability of the pectoralis minor muscle length measurement in subjects with and without shoulder impingement symptoms. <i>Manual Therapy</i> , 2014, 19, 294-298.	1.6	30
36	Effects of Aerobic Endurance, Muscle Strength, and Motor Control Exercise on Physical Fitness and Musculoskeletal Injury Rate in Preprofessional Dancers: An Uncontrolled Trial. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2012, 35, 381-389.	0.4	28

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37	Interrelationships between pain processing, cortisol and cognitive performance in chronic whiplash-associated disorders. <i>Clinical Rheumatology</i> , 2015, 34, 545-553.	1.0	27
38	History taking by physiotherapists with low back pain patients: are illness perceptions addressed properly?. <i>Disability and Rehabilitation</i> , 2016, 38, 1268-1279.	0.9	27
39	Long-term functioning following whiplash injury: the role of social support and personality traits. <i>Clinical Rheumatology</i> , 2011, 30, 927-935.	1.0	23
40	Effect of a physical conditioning versus health promotion intervention in dancers: A randomized controlled trial. <i>Manual Therapy</i> , 2014, 19, 562-568.	1.6	22
41	Reliability of the Assessment of Lumbar Range of Motion and Maximal Isometric Strength in Patients With Chronic Low Back Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 788-791.	0.5	21
42	Altered perception of distorted visual feedback occurs soon after whiplash injury: an experimental study of central nervous system processing. <i>Pain Physician</i> , 2012, 15, 405-13.	0.3	21
43	Recruitment bias in chronic pain research: whiplash as a model. <i>Clinical Rheumatology</i> , 2011, 30, 1481-1489.	1.0	20
44	Changes in Pain Modulation Occur Soon After Whiplash Trauma but are not Related to Altered Perception of Distorted Visual Feedback. <i>Pain Practice</i> , 2014, 14, 588-598.	0.9	20
45	Reliability of the Assessment of Lumbar Range of Motion and Maximal Isometric Strength. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006, 87, 576-582.	0.5	19
46	Attitudes and beliefs on low back pain in physical therapy education: A cross-sectional study. <i>Brazilian Journal of Physical Therapy</i> , 2021, 25, 319-328.	1.1	19
47	Effect of a multidisciplinary program for the prevention of low back pain in hospital employees: A randomized controlled trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2015, 28, 539-549.	0.4	16
48	The Role of Sensorimotor Incongruence in Pain in Professional Dancers. <i>Motor Control</i> , 2015, 19, 271-288.	0.3	14
49	Cross-cultural translation, validity, and reliability of the French version of the Neurophysiology of Pain Questionnaire. <i>Physiotherapy Theory and Practice</i> , 2017, 33, 880-887.	0.6	13
50	Disability, kinesiophobia, perceived stress, and pain are not associated with trunk muscle strength or aerobic capacity in chronic nonspecific low back pain. <i>Physical Therapy in Sport</i> , 2020, 43, 77-83.	0.8	12
51	Can we just talk our patients out of pain? Should pain neuroscience education be our only tool?. <i>Journal of Manual and Manipulative Therapy</i> , 2021, 29, 1-3.	0.7	12
52	Endogenous pain inhibition is unrelated to autonomic responses in acute whiplash-associated disorders. <i>Journal of Rehabilitation Research and Development</i> , 2015, 52, 431-440.	1.6	11
53	Illness Perceptions Explain the Variance in Functional Disability, but Not Habitual Physical Activity, in Patients With Chronic Low Back Pain: A Cross-sectional Study. <i>Pain Practice</i> , 2018, 18, 523-531.	0.9	10
54	High Intensity Training Is an Effective Modality to Improve Long-Term Disability and Exercise Capacity in Chronic Nonspecific Low Back Pain: A Randomized Controlled Trial. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10779.	1.2	10

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55	Auto-Targeted Neurostimulation Is Not Superior to Placebo in Chronic Low Back Pain: A Fourfold Blind Randomized Clinical Trial. <i>Pain Physician</i> , 2016, 19, E707-19.	0.3	10
56	Has the quality of physiotherapy care in patients with Whiplash-associated disorders (WAD) improved over time? A retrospective study using routinely collected data and quality indicators. <i>Patient Preference and Adherence</i> , 2018, Volume 12, 2291-2308.	0.8	9
57	Gaining more insight into ankle pain in haemophilia: A study exploring pain, structural and functional evaluation of the ankle joint. <i>Haemophilia</i> , 2022, 28, 480-490.	1.0	9
58	A comparison of two stretching programs for hamstring muscles: A randomized controlled assessor-blinded study. <i>Physiotherapy Theory and Practice</i> , 2016, 32, 53-62.	0.6	8
59	Within- and between-session reliability of secondary hyperalgesia induced by electrical high-frequency stimulation. <i>European Journal of Pain</i> , 2020, 24, 1585-1597.	1.4	8
60	Digital pain drawings are a useful and reliable tool for assessing patients with temporomandibular disorders. <i>Journal of Oral Rehabilitation</i> , 2021, 48, 798-808.	1.3	8
61	Autonomic response to pain in patients with chronic whiplash associated disorders. <i>Pain Physician</i> , 2013, 16, E277-85.	0.3	8
62	Abnormal Pain Response to Visual Feedback During Cervical Movements in Chronic Whiplash: An Experimental Study. <i>Pain Practice</i> , 2017, 17, 156-165.	0.9	7
63	Training volume is associated with pain sensitivity, but not with endogenous pain modulation, in competitive swimmers. <i>Physical Therapy in Sport</i> , 2019, 37, 150-156.	0.8	7
64	<p>Relationships Between Context, Process, and Outcome Indicators to Assess Quality of Physiotherapy Care in Patients with Whiplash-Associated Disorders: Applying Donabedian's Model of Care</p>. <i>Patient Preference and Adherence</i> , 2020, Volume 14, 425-442.	0.8	7
65	Does Pain Neuroscience Education and Cognition-Targeted Motor Control Training Improve Cervical Motor Output? Secondary Analysis of a Randomized Clinical Trial. <i>Pain Practice</i> , 2020, 20, 600-614.	0.9	6
66	Can a submaximal exercise test predict peak exercise performance in dancers?. <i>European Journal of Sport Science</i> , 2011, 11, 397-400.	1.4	5
67	Do Illness Perceptions in Patients with Fibromyalgia Differ Across Countries? A Comparative Study. <i>Myopain</i> , 2015, 23, 13-20.	0.0	5
68	Exploring the Biomedical Paradigm in the Work of Jan Fabre. <i>Performance Research</i> , 2014, 19, 45-53.	0.2	4
69	No evidence of widespread mechanical pressure hyperalgesia after experimentally induced central sensitization through skin nociceptors. <i>Pain Reports</i> , 2018, 3, e691.	1.4	4
70	Energy spectral density as valid parameter to compare postural control between subjects with nonspecific chronic low back pain vs healthy subjects: A case-control study. <i>Musculoskeletal Science and Practice</i> , 2021, 53, 102370.	0.6	4
71	Age-related kinematic performance should be considered during fast head-neck rotation target task in individuals aged from 8 to 85 years old. <i>PeerJ</i> , 2019, 7, e7095.	0.9	4
72	Several low back pain-related misbeliefs are still around in 2020: A cross-sectional survey in Belgium. <i>Physiotherapy Research International</i> , 2022, 27, e1927.	0.7	4

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73	An interactive e-learning module to promote bio-psycho-social management of low back pain in healthcare professionals: a pilot study. <i>Journal of Manual and Manipulative Therapy</i> , 2022, 30, 105-115.	0.7	4
74	Sensorimotor performance in acute-subacute non-specific neck pain: a non-randomized prospective clinical trial with intervention. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1017.	0.8	4
75	<p>< Clinical Characteristics and Patient-Reported Outcomes of Primary Care Physiotherapy in Patients with Whiplash-Associated Disorders: A Longitudinal Observational Study</p><p>< Patient Preference and Adherence, 2020, Volume 14, 1733-1750.	0.8	3
76	Processing of Laser-Evoked Potentials in Patients with Chronic Whiplash-Associated Disorders, Chronic Fatigue Syndrome, and Healthy Controls: A Caseâ€“Control Study. <i>Pain Medicine</i> , 2020, 21, 2553-2563.	0.9	3
77	Evidence for alterations to dynamic quantitative sensory tests in patients with chronic temporomandibular myalgia: A systematic review of observational studies with metaâ€“analysis. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 654-670.	1.3	3
78	Low-back related leg pain: is the nerve guilty? How to differentiate the underlying pain mechanism. <i>Journal of Manual and Manipulative Therapy</i> , 2023, 31, 57-63.	0.7	3
79	Pain coping behaviour strategies in people with haemophilia: A systematic literature review. <i>Haemophilia</i> , 2022, 28, 902-916.	1.0	3
80	Physiological performing exercises by Jan Fabre: an additional training method for contemporary performers. <i>Theatre, Dance and Performance Training</i> , 2015, 6, 273-290.	0.1	2
81	Cervico-cephalgiaphobia: a subtype of phobia in patients with cervicogenic headache and neck pain? A pilot study. <i>Journal of Manual and Manipulative Therapy</i> , 2016, 24, 200-209.	0.7	2
82	Pain-related fear of (re-)injury in patients with low back pain: Estimation or measurement in manual therapy primary care practice? A pilot study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2017, 30, 1273-1284.	0.4	2
83	AltÃ©ration du mouvement lombo-pelvien chez les danseurs. <i>Kinesithérapie</i> , 2010, 10, 28-29.	0.0	1
84	Unravelling Motor Learning Processes in Theater Performers. <i>Motor Control</i> , 2018, 22, 134-148.	0.3	1
85	Prevalence of pain in adult patients with moderate to severe haemophilia: a systematic review. <i>Scandinavian Journal of Pain</i> , 2022, 22, 436-444.	0.5	1
86	Ã‰valuation clinique du patient lombalgique chroniqueÃ©tat des lieux. <i>Kinesithérapie</i> , 2010, 10, 21-22.	0.0	0
87	Management of chronic sensitization, from drugs to physical therapy. <i>Journal of Headache and Pain</i> , 2013, 14, .	2.5	0
88	Kinematics and Esthetics of Grand Battement After Static and Dynamic Hamstrings Stretching in Adolescents. <i>Motor Control</i> , 2021, 25, 403-422.	0.3	0
89	Lagerugklachten en centrale sensitisatie: implicaties voor de klinische praktijk. , 2014, , 51-62.		0
90	Does Motor Cortex Engagement During Movement Preparation Differentially Inhibit Nociceptive Processing in Patients with Chronic Whiplash Associated Disorders, Chronic Fatigue Syndrome and Healthy Controls? An Experimental Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 1520.	1.0	0

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91	Auto-Targeted Neurostimulation In Chronic Low Back Pain: Why Available Evidence Rejects Its Clinical Utility. Pain Physician, 2017, 20, E340-E342.	0.3	0