Thomas Graven-Nielsen

List of Publications by Year
in descending order

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360 papers	18,120 citations	10986 71 h-index	20358 116 g-index
367 all docs	367 docs citations	367 times ranked	8867 citing authors

#	Article	IF	Citations
1	Cortical function and sensorimotor plasticity are prognostic factors associated with future low back pain after an acute episode: the Understanding persistent Pain Where it ResiDes prospective cohort study. Pain, 2023, 164, 14-26.	4.2	10
2	Positive affect and distraction enhance whereas negative affect impairs pain modulation in patients with recurrent low back pain and matched controls. Pain, 2022, 163, 887-896.	4.2	8
3	Angular gyrus connectivity at alpha and beta oscillations is reduced during tonic pain â€“ Differential effect of eye state. NeuroImage: Clinical, 2022, 33, 102907.	2.7	7
4	Features and methods to discriminate between mechanism-based categories of pain experienced in the musculoskeletal system: a Delphi expert consensus study. Pain, 2022, 163, 1812-1828.	4.2	21
5	Modulation Of Experimental Prolonged Pain and Sensitization Using High-Definition Transcranial Direct Current Stimulation: A Double-Blind, Sham-Controlled Study. Journal of Pain, 2022, 23, 1220-1233.	1.4	4
6	Effect of prolonged experimental neck pain on exercise-induced hypoalgesia. Pain, 2022, 163, 2411-2420.	4.2	4
7	Non-invasive insular stimulation for peripheral neuropathic pain: Influence of target or symptom?. Neurophysiologie Clinique, 2022, 52, 109-116.	2.2	4
8	New updates on transcranial magnetic stimulation in chronic pain. Current Opinion in Supportive and Palliative Care, 2022, 16, 65-70.	1.3	11
9	Impaired exerciseâ€induced hypoalgesia in individuals reporting an increase in low back pain during acute exercise. European Journal of Pain, 2021, 25, 1053-1063.	2.8	21
10	Effect of anodal high-definition transcranial direct current stimulation on the pain sensitivity in a healthy population: a double-blind, sham-controlled study. Pain, 2021, 162, 1659-1668.	4.2	20
11	Medial Prefrontal Transcranial Direct Current Stimulation Aimed to Improve Affective and Attentional Modulation of Pain in Chronic Low Back Pain Patients. Journal of Clinical Medicine, 2021, 10, 889.	2.4	5
12	Effects of multifocal transcranial direct current stimulation targeting the motor network during prolonged experimental pain. European Journal of Pain, 2021, 25, 1241-1253.	2.8	16
13	Pain and Disability in Low Back Pain Can be Reduced Despite No Significant Improvements in Mechanistic Pain Biomarkers. Clinical Journal of Pain, 2021, 37, 330-338.	1.9	7
14	Challenges and opportunities in translational pain research â€“ An opinion paper of the working group on translational pain research of the European pain federation (EFIC). European Journal of Pain, 2021, 25, 731-756.	2.8	28
15	Aberrant plasticity in musculoskeletal pain: a failure of homeostatic control?. Experimental Brain Research, 2021, 239, 1317-1326.	1.5	9
16	Prolonged corticomotor homeostatic plasticity â€“ Effects of different protocols and their reliability. Brain Stimulation, 2021, 14, 327-329.	1.6	5
17	Role of population-based cohorts in understanding the emergence and progression of musculoskeletal pain. Pain, 2021, Publish Ahead of Print, .	4.2	2
18	Prognosis and transition of multi-site pain during the course of 5 years: Results of knee pain and function from a prospective cohort study among 756 adolescents. PLoS ONE, 2021, 16, e0250415.	2.5	5

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19	Pain referral area is reduced by remote pain. European Journal of Pain, 2021, 25, 1804-1814.	2.8	4
20	Slowing in Peak-Alpha Frequency Recorded After Experimentally-Induced Muscle Pain is not Significantly Different Between High and Low Pain-Sensitive Subjects. Journal of Pain, 2021, 22, 1722-1732.	1.4	7
21	Experimental Hand and Knee Pain Cause Differential Effects on Corticomotor Excitability. Journal of Pain, 2021, 22, 789-796.	1.4	9
22	Protocols for inducing homeostatic plasticity reflected in the corticospinal excitability in healthy human participants: A systematic review and metaâ€analysis. European Journal of Neuroscience, 2021, 54, 5444-5461.	2.6	8
23	Medial Prefrontal High-Definition Transcranial Direct Current Stimulation to Improve Pain Modulation in Chronic Low Back Pain: A Pilot Randomized Double-blinded Placebo-Controlled Crossover Trial. Journal of Pain, 2021, 22, 952-967.	1.4	7
24	Introducing descending control of nociception: a measure of diffuse noxious inhibitory controls in conscious animals. Pain, 2021, 162, 1957-1959.	4.2	17
25	The Effect of Stress on Repeated Painful Stimuli with and Without Painful Conditioning. Pain Medicine, 2020, 21, 317-325.	1.9	3
26	Isometric exercise and pain in patellar tendinopathy: A randomized crossover trial. Journal of Science and Medicine in Sport, 2020, 23, 208-214.	1.3	39
27	Recurrent neck pain patients exhibit altered joint motion pattern during cervical flexion and extension movements. Clinical Biomechanics, 2020, 71, 125-132.	1.2	4
28	Pain, Sports Participation, and Physical Function in Adolescents With Patellofemoral Pain and Osgood-Schlatter Disease: A Matched Cross-sectional Study. Journal of Orthopaedic and Sports Physical Therapy, 2020, 50, 149-157.	3.5	31
29	Alterations in pronociceptive and antinociceptive mechanisms in patients with low back pain: a systematic review with meta-analysis. Pain, 2020, 161, 464-475.	4.2	61
30	Temporal aspects of endogenous pain modulation during a noxious stimulus prolonged for 1 day. European Journal of Pain, 2020, 24, 752-760.	2.8	7
31	Pain Catastrophizing, Self-reported Disability, and Temporal Summation of Pain Predict Self-reported Pain in Low Back Pain Patients 12 Weeks After General Practitioner Consultation. Clinical Journal of Pain, 2020, 36, 757-763.	1.9	12
32	Individualized Augmented Reality Training Reduces Phantom Pain and Cortical Reorganization in Amputees: A Proof of Concept Study. Journal of Pain, 2020, 21, 1257-1269.	1.4	23
33	Multisensory Sensitivity is Related to Deep-Tissue but Not Cutaneous Pain Sensitivity in Healthy Individuals . Journal of Pain Research, 2020, Volume 13, 2493-2508.	2.0	7
34	Healthy Pain-Free Individuals with a History of Distal Radius Fracture Demonstrate an Expanded Distribution of Experimental Referred Pain Toward the Wrist. Pain Medicine, 2020, 21, 2850-2862.	1.9	2
35	Repeated Injections of Low-Dose Nerve Growth Factor (NGF) in Healthy Humans Maintain Muscle Pain and Facilitate Ischemic Contractionâ€“Evoked Pain. Pain Medicine, 2020, 21, 3488-3498.	1.9	5
36	Stimulus predictability moderates the withdrawal strategy in response to repetitive noxious stimulation in humans. Journal of Neurophysiology, 2020, 123, 2201-2208.	1.8	3

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37	Brain perfusion patterns are altered in chronic knee pain: a spatial covariance analysis of arterial spin labelling MRI. Pain, 2020, 161, 1255-1263.	4.2	17
38	Activation of the descending pain modulatory system using cuff pressure algometry: Back translation from man to rat. European Journal of Pain, 2020, 24, 1330-1338.	2.8	29
39	Mechanistic pain profiling in young adolescents with patellofemoral pain before and after treatment: a prospective cohort study. Pain, 2020, 161, 1065-1071.	4.2	13
40	Activity Modification and Knee Strengthening for Osgood-Schlatter Disease: A Prospective Cohort Study. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712091110.	1.7	23
41	Testosterone replacement therapy of opioid-induced male hypogonadism improved body composition but not pain perception: a double-blind, randomized, and placebo-controlled trial. European Journal of Endocrinology, 2020, 182, 539-548.	3.7	21
42	Exercise-Induced Hypoalgesia After Isometric Wall Squat Exercise: A Test-Retest Reliabilty Study. Pain Medicine, 2019, 20, 129-137.	1.9	37
43	Exerciseâ€induced hypoalgesia in young adult females with longâ€standing patellofemoral pain â€“ A randomized crossover study. European Journal of Pain, 2019, 23, 1780-1789.	2.8	9
44	Impaired microvascular reactivity after eccentric muscle contractions is not restored by acute ingestion of antioxidants or dietary nitrate. Physiological Reports, 2019, 7, e14162.	1.7	14
45	Nerve growth factorâ€induced muscle hyperalgesia facilitates ischaemic contractionâ€evoked pain. European Journal of Pain, 2019, 23, 1814-1825.	2.8	6
46	Experimental knee-related pain enhances attentional interference on postural control. European Journal of Applied Physiology, 2019, 119, 2053-2064.	2.5	6
47	Delayed effects of attention on pain sensitivity and conditioned pain modulation. European Journal of Pain, 2019, 23, 1850-1862.	2.8	17
48	Head repositioning accuracy is influenced by experimental neck pain in those most accurate but not when adding a cognitive task. Scandinavian Journal of Pain, 2019, 20, 191-203.	1.3	4
49	Enlarged Areas of Pain and Pressure Hypersensitivityby Spatially Distributed Intramuscular Injections ofLow-Dose Nerve Growth Factor. Journal of Pain, 2019, 20, 566-576.	1.4	13
50	Corticomotor excitability reduction induced by experimental pain remains unaffected by performing a working memory task as compared to staying at rest. Experimental Brain Research, 2019, 237, 2205-2215.	1.5	8
51	Sessions of Prolonged Continuous Theta Burst Stimulation or High-frequency 10 Hz Stimulation to Left Dorsolateral Prefrontal Cortex for 3 Days Decreased Pain Sensitivity by Modulation of the Efficacy of Conditioned Pain Modulation. Journal of Pain, 2019, 20, 1459-1469.	1.4	21
52	Do sensorimotor cortex activity, an individualâ€™s capacity for neuroplasticity, and psychological features during an episode of acute low back pain predict outcome at 6 months: a protocol for an Australian, multisite prospective, longitudinal cohort study. BMJ Open, 2019, 9, e029027.	1.9	10
53	Chronic widespread pain patients show disrupted cortical connectivity in default mode and salience networks, modulated by pain sensitivity . Journal of Pain Research, 2019, Volume 12, 1743-1755.	2.0	52
54	Pain-Induced Reduction in Corticomotor Excitability Is Counteracted by Combined Action-Observation and Motor Imagery. Journal of Pain, 2019, 20, 1307-1316.	1.4	37

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55	Activity Modification and Load Management of Adolescents With Patellofemoral Pain: A Prospective Intervention Study Including 151 Adolescents. American Journal of Sports Medicine, 2019, 47, 1629-1637.	4.2	36
56	Experimental cervical interspinous ligament pain altered cervical joint motion during dynamic extension movement. Clinical Biomechanics, 2019, 65, 65-72.	1.2	9
57	Conditioning pain modulation reduces pain only during the first stimulation of theÂtemporal summation of pain paradigm in healthy participants. European Journal of Pain, 2019, 23, 1390-1396.	2.8	10
58	Exercise-Induced Hypoalgesia in Pain-Free and Chronic Pain Populations: State of the Art and Future Directions. Journal of Pain, 2019, 20, 1249-1266.	1.4	238
59	Motor adaptation varies between individuals in the transition to sustained pain. Pain, 2019, 160, 2115-2125.	4.2	17
60	Assessment of conditioned pain modulation in healthy participants and patients with chronic pain: manifestations and implications for pain progression. Current Opinion in Supportive and Palliative Care, 2019, 13, 99-106.	1.3	34
61	Recurrent low back pain patients demonstrate facilitated pronociceptive mechanisms when in pain, and impaired antinociceptive mechanisms with and without pain. Pain, 2019, 160, 2866-2876.	4.2	25
62	Effect of sustained experimental muscle pain on joint position sense. Pain Reports, 2019, 4, e737.	2.7	5
63	Alterations in Temporal Summation of Pain and Conditioned Pain Modulation Across an Episode of Experimental Exercise-Induced Low Back Pain. Journal of Pain, 2019, 20, 264-276.	1.4	22
64	Increased postural stiffness during challenging postural tasks in patients with knee osteoarthritis with high pain sensitization. Clinical Biomechanics, 2019, 61, 129-135.	1.2	8
65	High frequency repetitive transcranial magnetic stimulation to the left dorsolateral prefrontal cortex modulates sensorimotor cortex function in the transition to sustained muscle pain. NeuroImage, 2019, 186, 93-102.	4.2	30
66	Correlations between the active straight leg raise, sleep and somatosensory sensitivity during pregnancy with post-partum lumbopelvic pain: an initial exploration. Scandinavian Journal of Pain, 2019, 19, 53-60.	1.3	3
67	Origin of neck pain and direction of movement influence dynamic cervical joint motion and pressure pain sensitivity. Clinical Biomechanics, 2019, 61, 120-128.	1.2	13
68	Hypoalgesia after bicycling at lactate threshold is reliable between sessions. European Journal of Applied Physiology, 2019, 119, 91-102.	2.5	18
69	Reorganized Force Control in Elbow Pain Patients During Isometric Wrist Extension. Clinical Journal of Pain, 2018, 34, 732-738.	1.9	8
70	Light Touch Contact Improves Pain-Evoked Postural Instability During Quiet Standing. Pain Medicine, 2018, 19, 2487-2495.	1.9	4
71	Repeatability of Cervical Joint Flexion and Extension Within and Between Days. Journal of Manipulative and Physiological Therapeutics, 2018, 41, 10-18.	0.9	8
72	Pressure-induced referred pain areas are more expansive in individuals with a recovered fracture. Pain, 2018, 159, 1972-1979.	4.2	18

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73	Test-Retest Reliabilty of Exercise-Induced Hypoalgesia After Aerobic Exercise. Pain Medicine, 2018, 19, 2212-2222.	1.9	39
74	Disruption of cortical synaptic homeostasis in individuals with chronic low back pain. Clinical Neurophysiology, 2018, 129, 1090-1096.	1.5	21
75	Acid-induced experimental knee pain and hyperalgesia in healthy humans. Experimental Brain Research, 2018, 236, 587-598.	1.5	5
76	Pain patterns during adolescence can be grouped into four pain classes with distinct profiles: A study on a population based cohort of 2953 adolescents. European Journal of Pain, 2018, 22, 793-799.	2.8	20
77	Experimental Low Back Pain Decreased Trunk Muscle Activity in Currently Asymptomatic Recurrent Low Back Pain Patients During Step Tasks. Journal of Pain, 2018, 19, 542-551.	1.4	10
78	The Strengthening Exercises in Shoulder Impingement trial (The SExSI-trial) investigating the effectiveness of a simple add-on shoulder strengthening exercise programme in patients with long-lasting subacromial impingement syndrome: Study protocol for a pragmatic, assessor blinded, parallel-group, randomised, controlled trial. Trials, 2018, 19, 154.	1.6	17
79	Blood flow after contraction and cuff occlusion is reduced in subjects with muscle soreness after eccentric exercise. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 29-39.	2.9	9
80	Cervical flexion and extension includes anti-directional cervical joint motion in healthy adults. Spine Journal, 2018, 18, 147-154.	1.3	11
81	Movement Does Not Promote Recovery of Motor Output Following Acute Experimental Muscle Pain. Pain Medicine, 2018, 19, 608-614.	1.9	12
82	Increased Pain Sensitivity in Accident-related Chronic Pain Patients With Comorbid Posttraumatic Stress. Clinical Journal of Pain, 2018, 34, 313-321.	1.9	30
83	Kinesiophobia is associated with pain intensity but not pain sensitivity before and after exercise: an explorative analysis. Physiotherapy, 2018, 104, 187-193.	0.4	29
84	Left dorsolateral prefrontal cortex repetitive transcranial magnetic stimulation reduces the development of long-term muscle pain. Pain, 2018, 159, 2486-2492.	4.2	40
85	Distinct patterns of variation in the distribution of knee pain. Scientific Reports, 2018, 8, 16522.	3.3	25
86	Experimental muscle hyperalgesia modulates sensorimotor cortical excitability, which is partially altered by unaccustomed exercise. Pain, 2018, 159, 2493-2502.	4.2	26
87	Young females with long-standing patellofemoral pain display impaired conditioned pain modulation, increased temporal summation of pain, and widespread hyperalgesia. Pain, 2018, 159, 2530-2537.	4.2	32
88	Experimental Referred Pain Extends Toward Previously Injured Location: An Explorative Study. Journal of Pain, 2018, 19, 1189-1200.	1.4	15
89	Cortical Somatosensory Excitability Is Modulated in Response to Several Days of Muscle Soreness. Journal of Pain, 2018, 19, 1296-1307.	1.4	20
90	Differential Corticomotor Excitability Responses to Hypertonic Saline-Induced Muscle Pain in Forearm and Hand Muscles. Neural Plasticity, 2018, 2018, 1-9.	2.2	16

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91	Effects of repeated conditioning pain modulation in healthy volunteers. European Journal of Pain, 2018, 22, 1833-1843.	2.8	16
92	Acute Procedural Pain in Children. Clinical Journal of Pain, 2018, 34, 1032-1038.	1.9	20
93	Preoperative Neuropathic Pain-like Symptoms and Central Pain Mechanisms in Knee Osteoarthritis Predicts Poor Outcome 6 Months After Total Knee Replacement Surgery. Journal of Pain, 2018, 19, 1329-1341.	1.4	96
94	Exercise increases pressure pain tolerance but not pressure and heat pain thresholds in healthy young men. European Journal of Pain, 2017, 21, 73-81.	2.8	35
95	Cuff Pressure Pain Detection Is Associated with Both Sex and Physical Activity Level in Nonathletic Healthy Subjects. Pain Medicine, 2017, 18, pnw309.	1.9	9
96	Painâ€evoked trunk muscle activity changes during fatigue and DOMS. European Journal of Pain, 2017, 21, 907-917.	2.8	13
97	Age Interactions on Pain Sensitization in Patients With Severe Knee Osteoarthritis and Controls. Clinical Journal of Pain, 2017, 33, 1081-1087.	1.9	36
98	Transition from acute to chronic pain in children: novel pieces of the puzzle. Pain, 2017, 158, 767-768.	4.2	11
99	Experimental pain in the groin may refer into the lower abdomen: Implications to clinical assessments. Journal of Science and Medicine in Sport, 2017, 20, 904-909.	1.3	9
100	Preoperative Hypoalgesia After Cold Pressor Test and Aerobic Exercise is Associated With Pain Relief 6 Months After Total Knee Replacement. Clinical Journal of Pain, 2017, 33, 475-484.	1.9	71
101	Facilitated Pronociceptive Pain Mechanisms in Radiating Back Pain Compared With Localized Back Pain. Journal of Pain, 2017, 18, 973-983.	1.4	27
102	Cervical spine reposition errors after cervical flexion and extension. BMC Musculoskeletal Disorders, 2017, 18, 102.	1.9	17
103	Altered pain sensitivity and axioscapular muscle activity in neck pain patients compared with healthy controls. European Journal of Pain, 2017, 21, 1763-1771.	2.8	18
104	Acid-induced experimental muscle pain and hyperalgesia with single and repeated infusion in human forearm. Scandinavian Journal of Pain, 2017, 17, 260-266.	1.3	7
105	Several days of muscle hyperalgesia facilitates cortical somatosensory excitability. Scandinavian Journal of Pain, 2017, 16, 169-169.	1.3	1
106	Fixed or adapted conditioning intensity for repeated conditioned pain modulation. Scandinavian Journal of Pain, 2017, 16, 176-176.	1.3	0
107	The size of pain referral patterns from a tonic painful mechanical stimulus is increased in women. Scandinavian Journal of Pain, 2017, 16, 179-179.	1.3	0
108	Experimental neck muscle pain increase pressure pain threshold over cervical facet joints. Scandinavian Journal of Pain, 2017, 16, 182-183.	1.3	0

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109	Bilateral experimental neck pain reorganize axioscapular muscle coordination and pain sensitivity. European Journal of Pain, 2017, 21, 681-691.	2.8	10
110	Asymmetry in gait pattern following tibial shaft fractures â€“ a prospective one-year follow-up study of 49 patients. Gait and Posture, 2017, 51, 47-51.	1.4	13
111	Conditioned Pain Modulation and Pressure Pain Sensitivity in the Adult Danish General Population: The DanFunD Study. Journal of Pain, 2017, 18, 274-284.	1.4	72
112	Userâ€independent assessment of conditioning pain modulation by cuff pressure algometry. European Journal of Pain, 2017, 21, 552-561.	2.8	62
113	Eccentric Exercise And Microvascular Function. Medicine and Science in Sports and Exercise, 2017, 49, 1003.	0.4	0
114	Facilitated temporal summation of pain correlates with clinical pain intensity after hip arthroplasty. Pain, 2017, 158, 323-332.	4.2	93
115	Differences in Pain Processing Between Patients with Chronic Low Back Pain, Recurrent Low Back Pain, and Fibromyalgia. Pain Physician, 2017, 20, 307-318.	0.4	41
116	Local and Widespread Hyperalgesia After Isolated Tibial Shaft Fractures Treated with Intramedullary Nailing. Pain Medicine, 2016, 17, pnv016.	1.9	3
117	Impaired Conditioned Pain Modulation in Young Female Adults with Long-Standing Patellofemoral Pain: A Single Blinded Cross-Sectional Study. Pain Medicine, 2016, 17, pnv017.	1.9	47
118	Pain modulatory phenotypes differentiate subgroups with different clinical and experimental pain sensitivity. Pain, 2016, 157, 1480-1488.	4.2	92
119	Pressure-induced referred pain is expanded by persistent soreness. Pain, 2016, 157, 1164-1172.	4.2	34
120	Preoperative pain mechanisms assessed by cuff algometry are associated with chronic postoperative pain relief after total knee replacement. Pain, 2016, 157, 1400-1406.	4.2	132
121	Hypoalgesia After Exercise and the Cold Pressor Test is Reduced in Chronic Musculoskeletal Pain Patients With High Pain Sensitivity. Clinical Journal of Pain, 2016, 32, 58-69.	1.9	91
122	Sensitization and Serological Biomarkers in Knee Osteoarthritis Patients With Different Degrees of Synovitis. Clinical Journal of Pain, 2016, 32, 841-848.	1.9	38
123	Interface Pressure Behavior during Painful Cuff Algometry. Pain Medicine, 2016, 17, pnv063.	1.9	8
124	Acute bilateral experimental neck pain: Reorganise axioscapular and trunk muscle activity during slow resisted arm movements. Scandinavian Journal of Pain, 2016, 12, 125-126.	1.3	0
125	Effects of Prolonged and Acute Muscle Pain on the Force Control Strategy During Isometric Contractions. Journal of Pain, 2016, 17, 1116-1125.	1.4	8
126	Decreased QOL and muscle strength are persistent 1Âyear after intramedullary nailing of a tibial shaft fracture: a prospective 1-year follow-up cohort study. Archives of Orthopaedic and Trauma Surgery, 2016, 136, 1395-1402.	2.4	12

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127	Cuff Algometry for Estimation of Hyperalgesia and Pain Summation. Pain Medicine, 2016, 18, pnw168.	1.9	6
128	Interaction between ultraviolet Bâ€induced cutaneous hyperalgesia and nerve growth factorâ€induced muscle hyperalgesia. European Journal of Pain, 2016, 20, 1058-1069.	2.8	5
129	Resisted adduction in hip neutral is a superior provocation test to assess adductor longus pain: An experimental pain study. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 967-974.	2.9	14
130	Motor Cortex Reorganization and Impaired Function in the Transition to Sustained Muscle Pain. Cerebral Cortex, 2016, 26, 1878-1890.	2.9	95
131	Reorganized Trunk Muscle Activity During Multidirectional Floor Perturbations After Experimental Low Back Pain: A Comparison ofÂBilateral Versus Unilateral Pain. Journal of Pain, 2016, 17, 223-235.	1.4	5
132	An MRI-based leg model used to simulate biomechanical phenomena during cuff algometry: a finite element study. Medical and Biological Engineering and Computing, 2016, 54, 315-324.	2.8	10
133	Movement Evoked Pain and Mechanical Hyperalgesia after Intramuscular Injection of Nerve Growth Factor: A Model of Sustained Elbow Pain. Pain Medicine, 2015, 16, 2180-2191.	1.9	33
134	The Effect of Combined Skin and Deep Tissue Inflammatory Pain Models. Pain Medicine, 2015, 16, 2053-2064.	1.9	10
135	Inducing a Blind Spot: Blinding Data Collectors in an Investigation of Experimental Pain. Pain Medicine, 2015, 16, 1145-1154.	1.9	0
136	Impaired anticipatory postural adjustments due to experimental infrapatellar fat pad pain. European Journal of Pain, 2015, 19, 1362-1371.	2.8	11
137	The effects of experimental knee pain on lower limb corticospinal and motor cortex excitability. Arthritis Research and Therapy, 2015, 17, 204.	3.5	23
138	A mechanismâ€based pain sensitivity index to characterize knee osteoarthritis patients with different disease stages and pain levels. European Journal of Pain, 2015, 19, 1406-1417.	2.8	109
139	Deformation and pressure propagation in deep somatic tissue during painful cuff algometry. European Journal of Pain, 2015, 19, 1456-1466.	2.8	14
140	Experimental Pelvic Pain Impairs the Performance During the Active Straight Leg Raise Test and Causes Excessive Muscle Stabilization. Clinical Journal of Pain, 2015, 31, 642-651.	1.9	27
141	Assessment of musculoskeletal pain sensitivity and temporal summation by cuff pressure algometry. Pain, 2015, 156, 2193-2202.	4.2	139
142	Single-Point but Not Tonic Cuff Pressure Pain Sensitivity Is Associated with Level of Physical Fitness â€“ A Study of Non-Athletic Healthy Subjects. PLoS ONE, 2015, 10, e0125432.	2.5	22
143	Center of Pressure Displacement of Standing Posture during Rapid Movements Is Reorganised Due to Experimental Lower Extremity Muscle Pain. PLoS ONE, 2015, 10, e0144933.	2.5	7
144	Dynamic Mechanical Assessment of Muscle Hyperalgesia in Humans: The Dynamic Algometer. Pain Research and Management, 2015, 20, 29-34.	1.8	16

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145	Modulation of motor variability related to experimental muscle pain during elbow-flexion contractions. Human Movement Science, 2015, 39, 222-235.	1.4	15
146	Reorganised motor control strategies of trunk muscles due to acute low back pain. Human Movement Science, 2015, 41, 282-294.	1.4	14
147	Eccentric exercise slows in vivo microvascular reactivity during brief contractions in human skeletal muscle. Journal of Applied Physiology, 2015, 119, 1272-1281.	2.5	12
148	The dynamics of the pain system is intact in patients with knee osteoarthritis: An exploratory experimental study. Scandinavian Journal of Pain, 2015, 6, 43-49.	1.3	9
149	Pregnancy Is Characterized by Widespread Deep-Tissue Hypersensitivity Independent of Lumbopelvic Pain Intensity, aÂFacilitated Response to Manual Orthopedic Tests, and Poorer Self-Reported Health. Journal of Pain, 2015, 16, 270-282.	1.4	17
150	Patellofemoral Pain in Adolescence and Adulthood: Same Same, but Different?. Sports Medicine, 2015, 45, 1489-1495.	6.5	57
151	The Effect of Experimental Neck Pain on Pressure Pain Sensitivity and Axioscapular Motor Control. Journal of Pain, 2015, 16, 367-379.	1.4	17
152	Decreased muscle strength is associated with impaired long-term functional outcome after intramedullary nailing of femoral shaft fracture. European Journal of Trauma and Emergency Surgery, 2015, 41, 673-681.	1.7	14
153	Incidence and epidemiology of tibial shaft fractures. Injury, 2015, 46, 746-750.	1.7	161
154	Aerobic Exercise and Cold Pressor Test Induce Hypoalgesia in Active and Inactive Men and Women. Pain Medicine, 2015, 16, 923-933.	1.9	53
155	Temporal summation of muscle pain evoked by very fast pressure sequences and rotation. Somatosensory & Motor Research, 2015, 32, 99-105.	0.9	3
156	Pressure Algometry with a Rotational Fanning Probe Improves the Detection of Experimental Muscle Hyperalgesia. Pain Medicine, 2015, 16, 537-543.	1.9	2
157	Isometric exercises reduce temporal summation of pressure pain in humans. European Journal of Pain, 2015, 19, 973-983.	2.8	77
158	Association Between Experimental Pain Biomarkers and Serologic Markers in Patients With Different Degrees of Painful Knee Osteoarthritis. Arthritis and Rheumatology, 2014, 66, 3317-3326.	5.6	75
159	Facilitation of pain sensitization in knee osteoarthritis and persistent postâ€operative pain: A crossâ€sectional study. European Journal of Pain, 2014, 18, 1024-1031.	2.8	61
160	Association Between a Composite Score of Pain Sensitivity and Clinical Parameters in Low-back Pain. Clinical Journal of Pain, 2014, 30, 831-838.	1.9	63
161	Restrictions in Quality of Life After Intramedullary Nailing of Tibial Shaft Fracture. Journal of Orthopaedic Trauma, 2014, 28, 507-512.	1.4	30
162	Bone hyperalgesia after mechanical impact stimulation: A human experimental pain model. Somatosensory & Motor Research, 2014, 31, 178-185.	0.9	2

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163	Intra-Articular Analgesia and Steroid Reduce Pain Sensitivity in Knee OA Patients: An Interventional Cohort Study. Pain Research and Treatment, 2014, 2014, 1-6.	1.7	14
164	Vibration and Rotation During Biaxial Pressure Algometry Is Related with Decreased and Increased Pain Sensations. Pain Medicine, 2014, 15, 2095-2104.	1.9	1
165	Latent Myofascial Trigger Points Are Associated With an Increased Intramuscular Electromyographic Activity During Synergistic Muscle Activation. Journal of Pain, 2014, 15, 181-187.	1.4	70
166	Pain referral and regional deep tissue hyperalgesia in experimental human hip pain models. Pain, 2014, 155, 792-800.	4.2	32
167	Spatial reorganisation of muscle activity correlates with change in tangential force variability during isometric contractions. Journal of Electromyography and Kinesiology, 2014, 24, 37-45.	1.7	8
168	Potential interaction of experimental knee pain and laterally wedged insoles for knee off-loading during walking. Clinical Biomechanics, 2014, 29, 848-854.	1.2	5
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