

# Pascal Madeleine

## List of Publications by Year in descending order

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Version: 2024-02-01

240  
papers

7,829  
citations

50170

46  
h-index

71532

76  
g-index

243  
all docs

243  
docs citations

243  
times ranked

5196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitization in patients with painful knee osteoarthritis. <i>Pain</i> , 2010, 149, 573-581.	2.0	785
2	The change in spatial distribution of upper trapezius muscle activity is correlated to contraction duration. <i>Journal of Electromyography and Kinesiology</i> , 2008, 18, 16-25.	0.7	203
3	Changes in the degree of motor variability associated with experimental and chronic neck-shoulder pain during a standardised repetitive arm movement. <i>Experimental Brain Research</i> , 2008, 185, 689-698.	0.7	161
4	On functional motor adaptations: from the quantification of motor strategies to the prevention of musculoskeletal disorders in the neck-shoulder region. <i>Acta Physiologica</i> , 2010, 199, 1-46.	1.8	151
5	Mechanomyography and electromyography force relationships during concentric, isometric and eccentric contractions. <i>Journal of Electromyography and Kinesiology</i> , 2001, 11, 113-121.	0.7	148
6	Shoulder muscle co-ordination during chronic and acute experimental neck-shoulder pain. An occupational pain study. <i>European Journal of Applied Physiology</i> , 1999, 79, 127-140.	1.2	140
7	Standardising surface electromyogram recordings for assessment of activity and fatigue in the human upper trapezius muscle. <i>European Journal of Applied Physiology</i> , 2002, 86, 469-478.	1.2	136
8	A comparison of muscle activity in using touchscreen smartphone among young people with and without chronic neck-shoulder pain. <i>Ergonomics</i> , 2016, 59, 61-72.	1.1	136
9	Contribution of the local and referred pain from active myofascial trigger points in fibromyalgia syndrome. <i>Pain</i> , 2009, 147, 233-240.	2.0	130
10	Topographical mapping and mechanical pain sensitivity of myofascial trigger points in the infraspinatus muscle. <i>European Journal of Pain</i> , 2008, 12, 859-865.	1.4	122
11	Experimental muscle pain changes the spatial distribution of upper trapezius muscle activity during sustained contraction. <i>Clinical Neurophysiology</i> , 2006, 117, 2436-2445.	0.7	117
12	Sex differences in temporal characteristics of descending inhibitory control: an evaluation using repeated bilateral experimental induction of muscle pain. <i>Pain</i> , 2004, 110, 72-78.	2.0	115
13	Changes in the amount and structure of motor variability during a deboning process are associated with work experience and neck-shoulder discomfort. <i>Applied Ergonomics</i> , 2009, 40, 887-894.	1.7	102
14	Generalized Neck-Shoulder Hyperalgesia in Chronic Tension-Type Headache and Unilateral Migraine Assessed by Pressure Pain Sensitivity Topographical Maps of the Trapezius Muscle. <i>Cephalalgia</i> , 2010, 30, 77-86.	1.8	102
15	The size of cycle-to-cycle variability in biomechanical exposure among butchers performing a standardised cutting task. <i>Ergonomics</i> , 2008, 51, 1078-1095.	1.1	95
16	Subjective, physiological and biomechanical responses to prolonged manual work performed standing on hard and soft surfaces. <i>European Journal of Applied Physiology</i> , 1997, 77, 1-9.	1.2	94
17	Pressure pain sensitivity maps of the neck-shoulder and the low back regions in men and women. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 234.	0.8	92
18	The variability and complexity of sitting postural control are associated with discomfort. <i>Journal of Biomechanics</i> , 2010, 43, 1997-2001.	0.9	92

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19	Accelerated Muscle Fatigability of Latent Myofascial Trigger Points in Humans. <i>Pain Medicine</i> , 2012, 13, 957-964.	0.9	90
20	Evidence of long term muscle fatigue following prolonged intermittent contractions based on mechano- and electromyograms. <i>Journal of Electromyography and Kinesiology</i> , 2003, 13, 441-450.	0.7	86
21	The effects of neck-shoulder pain development on sensory-motor interactions among female workers in the poultry and fish industries. A prospective study. <i>International Archives of Occupational and Environmental Health</i> , 2003, 76, 39-49.	1.1	82
22	Voluntary low-force contraction elicits prolonged low-frequency fatigue and changes in surface electromyography and mechanomyography. <i>Journal of Electromyography and Kinesiology</i> , 2005, 15, 138-148.	0.7	81
23	Upper trapezius muscle mechanomyographic and electromyographic activity in humans during low force fatiguing and non-fatiguing contractions. <i>European Journal of Applied Physiology</i> , 2002, 87, 327-336.	1.2	80
24	Development of muscle fatigue as assessed by electromyography and mechanomyography during continuous and intermittent low-force contractions: effects of the feedback mode. <i>European Journal of Applied Physiology</i> , 2002, 87, 28-37.	1.2	79
25	Quantitative posturography in altered sensory conditions: a way to assess balance instability in patients with chronic whiplash injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004, 85, 432-438.	0.5	78
26	Pressure Pain Sensitivity Mapping of the Temporalis Muscle Revealed Bilateral Pressure Hyperalgesia in Patients with Strictly Unilateral Migraine. <i>Cephalalgia</i> , 2009, 29, 670-676.	1.8	70
27	Amount and structure of force variability during short, ramp and sustained contractions in males and females. <i>Human Movement Science</i> , 2010, 29, 35-47.	0.6	69
28	Inter-subject variability of muscle synergies during bench press in power lifters and untrained individuals. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 89-97.	1.3	69
29	Is One Trial Sufficient to Obtain Excellent Pressure Pain Threshold Reliability in the Low Back of Asymptomatic Individuals? A Test-Retest Study. <i>PLoS ONE</i> , 2016, 11, e0160866.	1.1	67
30	Delayed onset muscle soreness in neck/shoulder muscles. <i>European Journal of Pain</i> , 2005, 9, 653-653.	1.4	64
31	Gender differences in pain modulation evoked by repeated injections of glutamate into the human trapezius muscle. <i>Pain</i> , 2005, 113, 134-140.	2.0	63
32	Sensory manifestations in experimental and work-related chronic neck-shoulder pain. <i>European Journal of Pain</i> , 1998, 2, 251-260.	1.4	62
33	Spinal kinematics during smartphone texting - A comparison between young adults with and without chronic neck-shoulder pain. <i>Applied Ergonomics</i> , 2018, 68, 160-168.	1.7	62
34	Enhanced temporal summation of pressure pain in the trapezius muscle after delayed onset muscle soreness. <i>Experimental Brain Research</i> , 2006, 170, 182-190.	0.7	60
35	Standardized low-load repetitive work: evidence of different motor control strategies between experienced workers and a reference group. <i>Applied Ergonomics</i> , 2003, 34, 533-542.	1.7	57
36	Gender effects on the coordination of subdivisions of the trapezius muscle during a repetitive box-folding task. <i>European Journal of Applied Physiology</i> , 2013, 113, 175-182.	1.2	56

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37	Physical activities at work and risk of musculoskeletal pain and its consequences: protocol for a study with objective field measures among blue-collar workers. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 213.	0.8	54
38	Experimental muscle pain increases mechanomyographic signal activity during sub-maximal isometric contractions. <i>Journal of Electromyography and Kinesiology</i> , 2005, 15, 27-36.	0.7	53
39	Pressure pain threshold mapping of the trapezius muscle reveals heterogeneity in the distribution of muscular hyperalgesia after eccentric exercise. <i>European Journal of Pain</i> , 2010, 14, 705-712.	1.4	53
40	Gender-specific differences in electromyographic changes and perceived pain induced by experimental muscle pain during sustained contractions of the upper trapezius muscle. <i>Muscle and Nerve</i> , 2005, 32, 726-733.	1.0	51
41	Time to task failure in shoulder elevation is associated to increase in amplitude and to spatial heterogeneity of upper trapezius mechanomyographic signals. <i>European Journal of Applied Physiology</i> , 2007, 102, 325-333.	1.2	51
42	Physical workload during manual and mechanical deboning of poultry. <i>International Journal of Industrial Ergonomics</i> , 2002, 29, 107-115.	1.5	50
43	Bilateral Pressure Pain Sensitivity Mapping of the Temporalis Muscle in Chronic Tension-type Headache. <i>Headache</i> , 2008, 48, 1067-1075.	1.8	50
44	The DPhacto cohort: An overview of technically measured physical activity at work and leisure in blue-collar sectors for practitioners and researchers. <i>Applied Ergonomics</i> , 2019, 77, 29-39.	1.7	50
45	Hypoalgesia in the Referred Pain Areas After Bilateral Injections of Hypertonic Saline Into the Trapezius Muscles of Men and Women: A Potential Experimental Model of Gender-Specific Differences. <i>Clinical Journal of Pain</i> , 2006, 22, 37-44.	0.8	49
46	Temporal summation of pressure pain during muscle hyperalgesia evoked by nerve growth factor and eccentric contractions. <i>European Journal of Pain</i> , 2009, 13, 704-710.	1.4	48
47	Eye movement characteristics reflected fatigue development in both young and elderly individuals. <i>Scientific Reports</i> , 2018, 8, 13148.	1.6	48
48	Active pauses induce more variable electromyographic pattern of the trapezius muscle activity during computer work. <i>Journal of Electromyography and Kinesiology</i> , 2009, 19, e430-e437.	0.7	47
49	Elite swimmers with and without unilateral shoulder pain: mechanical hyperalgesia and active/latent muscle trigger points in neck and shoulder muscles. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 66-73.	1.3	46
50	Changes in the spatio-temporal organization of the trapezius muscle activity in response to eccentric contractions. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 277-286.	1.3	43
51	Neuromuscular Activity and Knee Kinematics in Adolescents with Patellofemoral Pain. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1730-1739.	0.2	43
52	Characterization of postural control deficit in whiplash patients by means of linear and nonlinear analyses – A pilot study. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 291-297.	0.7	42
53	Computer work and self-reported variables on anthropometrics, computer usage, work ability, productivity, pain, and physical activity. <i>BMC Musculoskeletal Disorders</i> , 2013, 14, 226.	0.8	42
54	Designing and evaluating a workstation in real and virtual environment: toward virtual reality based ergonomic design sessions. <i>Journal on Multimodal User Interfaces</i> , 2014, 8, 199-208.	2.0	42

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55	Topographical Pressure and Thermal Pain Sensitivity Mapping in Patients With Unilateral Lateral Epicondylalgia. <i>Journal of Pain</i> , 2011, 12, 1040-1048.	0.7	41
56	Spectral moments of mechanomyographic signals recorded with accelerometer and microphone during sustained fatiguing contractions. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 290-297.	1.6	39
57	Changes in Muscle Stiffness of the Trapezius Muscle after Application of Ischemic Compression into Myofascial Trigger Points in Professional Basketball Players. <i>Journal of Human Kinetics</i> , 2018, 64, 35-45.	0.7	39
58	Effects of electromyographic and mechanomyographic biofeedback on upper trapezius muscle activity during standardized computer work. <i>Ergonomics</i> , 2006, 49, 921-933.	1.1	38
59	Muscle coordination and force variability during static and dynamic tracking tasks. <i>Human Movement Science</i> , 2011, 30, 1039-1051.	0.6	38
60	Longitudinal and transverse propagation of surface mechanomyographic waves generated by single motor unit activity. <i>Medical and Biological Engineering and Computing</i> , 2008, 46, 871-877.	1.6	37
61	Pressure pain sensitivity topographical maps reveal bilateral hyperalgesia of the hands in patients with unilateral carpal tunnel syndrome. <i>Arthritis Care and Research</i> , 2010, 62, 1055-1064.	1.5	37
62	Pressure pain sensitivity of the scalp in patients with nummular headache: A cartographic study. <i>Cephalalgia</i> , 2010, 30, 200-206.	1.8	37
63	Assessment of postexercise muscle soreness by electromyography and mechanomyography. <i>Journal of Pain</i> , 2002, 3, 126-136.	0.7	36
64	Intra-session absolute and relative reliability of pressure pain thresholds in the low back region of vine-workers: effect of the number of trials. <i>BMC Musculoskeletal Disorders</i> , 2016, 17, 350.	0.8	36
65	Clinical Outcomes and Central Pain Mechanisms are Improved After Upper Trapezius Eccentric Training in Female Computer Users With Chronic Neck/Shoulder Pain. <i>Clinical Journal of Pain</i> , 2019, 35, 65-76.	0.8	36
66	Gender effects on trapezius surface EMG during delayed onset muscle soreness due to eccentric shoulder exercise. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 401-409.	0.7	35
67	Gradual enlargement of human withdrawal reflex receptive fields following repetitive painful stimulation. <i>Brain Research</i> , 2005, 1042, 194-204.	1.1	34
68	Spatial and force dependency of mechanomyographic signal features. <i>Journal of Neuroscience Methods</i> , 2006, 158, 89-99.	1.3	34
69	Active biofeedback changes the spatial distribution of upper trapezius muscle activity during computer work. <i>European Journal of Applied Physiology</i> , 2010, 110, 415-423.	1.2	34
70	Strengths and limitations of a musculoskeletal model for an analysis of simulated meat cutting tasks. <i>Applied Ergonomics</i> , 2014, 45, 592-600.	1.7	33
71	The size and structure of arm movement variability decreased with work pace in a standardised repetitive precision task. <i>Ergonomics</i> , 2015, 58, 128-139.	1.1	32
72	Hypoalgesia to pressure pain in referred pain areas triggered by spatial summation of experimental muscle pain from unilateral or bilateral trapezius muscles. <i>European Journal of Pain</i> , 2003, 7, 531-537.	1.4	31

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73	Two-dimensional spatial distribution of surface mechanomyographical response to single motor unit activity. <i>Journal of Neuroscience Methods</i> , 2007, 159, 19-25.	1.3	31
74	Effect of seat positions on discomfort, muscle activation, pressure distribution and pedal force during cycling. <i>Journal of Electromyography and Kinesiology</i> , 2016, 27, 78-86.	0.7	31
75	Reliability of Oculometrics During a Mentally Demanding Task in Young and Old Adults. <i>IEEE Access</i> , 2018, 6, 17500-17517.	2.6	31
76	High resolution topographical mapping of warm and cold sensitivities. <i>Clinical Neurophysiology</i> , 2008, 119, 2641-2646.	0.7	30
77	Multiple Active Myofascial Trigger Points and Pressure Pain Sensitivity Maps in the Temporalis Muscle Are Related in Women With Chronic Tension Type Headache. <i>Clinical Journal of Pain</i> , 2009, 25, 506-512.	0.8	30
78	Pressure Pain Sensitivity Mapping in Experimentally Induced Lateral Epicondylalgia. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 922-927.	0.2	30
79	Pain sensitivity is normalized after a repeated bout of eccentric exercise. <i>European Journal of Applied Physiology</i> , 2013, 113, 2595-2602.	1.2	30
80	Mechanomyography and electromyography during and after fatiguing shoulder eccentric contractions in males and females. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 17, 061120070736050-???	1.3	29
81	Assessing the Ability of a VR-Based Assembly Task Simulation to Evaluate Physical Risk Factors. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 664-674.	2.9	29
82	Effects of a Participatory Ergonomics Intervention With Wearable Technical Measurements of Physical Workload in the Construction Industry: Cluster Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2018, 20, e10272.	2.1	29
83	Reorganisation of human step initiation during acute experimental muscle pain. <i>Gait and Posture</i> , 1999, 10, 240-247.	0.6	28
84	Motor unit acceleration maps and interference mechanomyographic distribution. <i>Journal of Biomechanics</i> , 2008, 41, 2843-2849.	0.9	28
85	Between-day reliability of a hand-held dynamometer and surface electromyography recordings during isometric submaximal contractions in different shoulder positions. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 579-587.	0.7	28
86	Are forward bending of the trunk and low back pain associated among Danish blue-collar workers? A cross-sectional field study based on objective measures. <i>Ergonomics</i> , 2015, 58, 246-258.	1.1	28
87	Spotlight on topographical pressure pain sensitivity maps: a review. <i>Journal of Pain Research</i> , 2018, Volume 11, 215-225.	0.8	28
88	Pressure Pain Sensitivity Maps of the Neck-Shoulder Region in Breast Cancer Survivors. <i>Pain Medicine</i> , 2016, 17, 1942-1952.	0.9	27
89	Variability in spatio-temporal pattern of trapezius activity and coordination of hand-arm muscles during a sustained repetitive dynamic task. <i>Experimental Brain Research</i> , 2017, 235, 389-400.	0.7	27
90	A comparison between mechanomyographic condenser microphone and accelerometer measurements during submaximal isometric, concentric and eccentric contractions. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 336-347.	0.7	26

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91	Participatory intervention with objectively measured physical risk factors for musculoskeletal disorders in the construction industry: study protocol for a cluster randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 302.	0.8	26
92	Effects of 5 Weeks of Bench Press Training on Muscle Synergies: A Randomized Controlled Study. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 1948-1959.	1.0	26
93	Differences in Topographical Pressure Pain Sensitivity Maps of the Scalp Between Patients With Migraine and Healthy Controls. <i>Headache</i> , 2017, 57, 226-235.	1.8	26
94	Accuracy of identification of low or high risk lifting during standardised lifting situations. <i>Ergonomics</i> , 2018, 61, 710-719.	1.1	26
95	Simultaneous modulation of the exteroceptive suppression periods in the trapezius and temporalis muscles by experimental muscle pain. <i>Clinical Neurophysiology</i> , 2004, 115, 1399-1408.	0.7	25
96	Elite Swimmers With Unilateral Shoulder Pain Demonstrate Altered Pattern of Cervical Muscle Activation During a Functional Upper-Limb Task. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2012, 42, 552-558.	1.7	25
97	Following ergonomics guidelines decreases physical and cardiovascular workload during cleaning tasks. <i>Ergonomics</i> , 2012, 55, 295-307.	1.1	25
98	Muscle synergies during bench press are reliable across days. <i>Journal of Electromyography and Kinesiology</i> , 2016, 30, 81-88.	0.7	25
99	Eccentric Exercise Reduces Upper Trapezius Muscle Stiffness Assessed by Shear Wave Elastography and Myotonometry. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 928.	2.0	25
100	Dynamic shoulder dynamometry: a way to develop delay onset muscle soreness in shoulder muscles. <i>Journal of Biomechanics</i> , 2006, 39, 184-188.	0.9	24
101	Effects of eccentric exercise on trapezius electromyography during computer work with active and passive pauses. <i>Clinical Biomechanics</i> , 2009, 24, 619-625.	0.5	24
102	A field study on spinal postures and postural variations during smartphone use among university students. <i>Applied Ergonomics</i> , 2020, 88, 103183.	1.7	24
103	Spatial Pain Propagation Over Time Following Painful Glutamate Activation of Latent Myofascial Trigger Points in Humans. <i>Journal of Pain</i> , 2012, 13, 537-545.	0.7	23
104	Eccentric exercise inhibits the H reflex in the middle part of the trapezius muscle. <i>European Journal of Applied Physiology</i> , 2013, 113, 77-87.	1.2	23
105	Functional connectivity between core and shoulder muscles increases during isometric endurance contractions in judo competitors. <i>European Journal of Applied Physiology</i> , 2015, 115, 1351-1358.	1.2	23
106	Biofeedback effectiveness to reduce upper limb muscle activity during computer work is muscle specific and time pressure dependent. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 49-58.	0.7	22
107	Inverse relationship between the complexity of midfoot kinematics and muscle activation in patients with medial tibial stress syndrome. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 638-644.	0.7	22
108	Interactive effects of acute experimental pain in trapezius and sore wrist extensor on the electromyography of the forearm muscles during computer work. <i>Applied Ergonomics</i> , 2011, 42, 735-740.	1.7	22

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109	A Review of Engineering Aspects of Vibroarthography of the Knee Joint. <i>Critical Reviews in Physical and Rehabilitation Medicine</i> , 2016, 28, 13-32.	0.1	22
110	Effects of concurrent physical and cognitive demands on muscle activity and heart rate variability in a repetitive upper-extremity precision task. <i>European Journal of Applied Physiology</i> , 2016, 116, 227-239.	1.2	22
111	Prophylactic tolperisone for post-exercise muscle soreness causes reduced isometric force-a double-blind randomized crossover control study. <i>European Journal of Pain</i> , 2003, 7, 407-418.	1.4	21
112	Heterogeneous mechanomyographic absolute activation of paraspinal muscles assessed by a two-dimensional array during short and sustained contractions. <i>Journal of Biomechanics</i> , 2007, 40, 2663-2671.	0.9	21
113	The association between health and sickness absence among Danish and non-Western immigrant cleaners in Denmark. <i>International Archives of Occupational and Environmental Health</i> , 2013, 86, 397-405.	1.1	21
114	Mechanistic experimental pain assessment in computer users with and without chronic musculoskeletal pain. <i>BMC Musculoskeletal Disorders</i> , 2014, 15, 412.	0.8	21
115	Trapezius viscoelastic properties are heterogeneously affected by eccentric exercise. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 864-869.	0.6	21
116	Experimental pain leads to reorganisation of trapezius electromyography during computer work with active and passive pauses. <i>European Journal of Applied Physiology</i> , 2009, 106, 857-866.	1.2	20
117	Changes in H reflex and neuromechanical properties of the trapezius muscle after 5 weeks of eccentric training: a randomized controlled trial. <i>Journal of Applied Physiology</i> , 2014, 116, 1623-1631.	1.2	20
118	Nonlinear metrics assessing motor variability in a standardized pipetting task: Between- and within-subject variance components. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 557-564.	0.7	20
119	Biomechanical load during patient transfer with assistive devices: Cross-sectional study. <i>Ergonomics</i> , 2020, 63, 1164-1174.	1.1	20
120	Shoulder Kinematics and Spatial Pattern of Trapezius Electromyographic Activity in Real and Virtual Environments. <i>PLoS ONE</i> , 2015, 10, e0116211.	1.1	19
121	The combined influence of task accuracy and pace on motor variability in a standardised repetitive precision task. <i>Ergonomics</i> , 2015, 58, 1388-1397.	1.1	19
122	Effects of chronic neck&quot;shoulder pain on normalized mutual information analysis of surface electromyography during functional tasks. <i>Clinical Neurophysiology</i> , 2016, 127, 3110-3117.	0.7	19
123	Reduced complexity of force and muscle activity during low level isometric contractions of the ankle in diabetic individuals. <i>Clinical Biomechanics</i> , 2017, 42, 38-46.	0.5	19
124	The variability of the trunk forward bending in standing activities during work vs. leisure time. <i>Applied Ergonomics</i> , 2017, 58, 273-280.	1.7	19
125	Quadriceps and Patellar Tendon Thickness and Stiffness in Elite Track Cyclists: An Ultrasonographic and Myotonometric Evaluation. <i>Frontiers in Physiology</i> , 2020, 11, 607208.	1.3	19
126	Standardized activities of daily living in presence of sub-acute low-back pain: A pilot study. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 159-165.	0.7	18



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127	Knee joint vibroarthrography of asymptomatic subjects during loaded flexion-extension movements. <i>Medical and Biological Engineering and Computing</i> , 2018, 56, 2301-2312.	1.6	18
128	Physical exposure during patient transfer and risk of back injury & low-back pain: prospective cohort study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 715.	0.8	18
129	Sensory Mapping of the Upper Trapezius Muscle in Relation to Consecutive Sessions of Eccentric Exercise. <i>Journal of Strength and Conditioning Research</i> , 2012, 26, 1577-1583.	1.0	17
130	Effect of exercise therapy on neuromuscular activity and knee strength in female adolescents with patellofemoral pain—An ancillary analysis of a cluster randomized trial. <i>Clinical Biomechanics</i> , 2016, 34, 22-29.	0.5	17
131	Topographical pressure pain sensitivity maps of the shoulder region in individuals with subacromial pain syndrome. <i>Manual Therapy</i> , 2016, 21, 134-143.	1.6	17
132	Freely chosen stride frequencies during walking and running are not correlated with freely chosen pedalling frequency and are insensitive to strength training. <i>Gait and Posture</i> , 2015, 42, 60-64.	0.6	16
133	Effects of active pause pattern of surface electromyographic activity among subjects performing monotonous tasks: A systematic review. <i>Journal of Electromyography and Kinesiology</i> , 2016, 30, 196-208.	0.7	16
134	Participatory organizational intervention for improved use of assistive devices in patient transfer: a single-blinded cluster randomized controlled trial. <i>Scandinavian Journal of Work, Environment and Health</i> , 2019, 45, 146-157.	1.7	16
135	Ipsilateral resistance exercise prevents exercise-induced central sensitization in the contralateral limb: a randomized controlled trial. <i>European Journal of Applied Physiology</i> , 2015, 115, 2253-2262.	1.2	15
136	Inter-day reliability of surface electromyography recordings of the lumbar part of erector spinae longissimus and trapezius descendens during box lifting. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 519.	0.8	15
137	Intensive, personalized multimodal rehabilitation in patients with primary or revision total knee arthroplasty: a retrospective cohort study. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2020, 12, 5.	0.7	15
138	Pressure pain sensitivity maps, self-reported musculoskeletal disorders and sickness absence among cleaners. <i>International Archives of Occupational and Environmental Health</i> , 2011, 84, 647-654.	1.1	14
139	Atypical Nummular Headache or Circumscribed Migraine: The Utility of Pressure Algometry. <i>Pain Research and Management</i> , 2015, 20, 60-62.	0.7	14
140	Trunk kinematics and low back pain during pruning among vineyard workers—A field study at the Chateau Larose-Trintaudon. <i>PLoS ONE</i> , 2017, 12, e0175126.	1.1	14
141	Development of a new bed-side-test assessing conditioned pain modulation: a test-retest reliability study. <i>Scandinavian Journal of Pain</i> , 2019, 19, 565-574.	0.5	13
142	A novel clinical applicable bed-side tool for assessing conditioning pain modulation: proof-of-concept. <i>Scandinavian Journal of Pain</i> , 2020, 20, 801-807.	0.5	13
143	Short-term effects of implemented high intensity shoulder elevation during computer work. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 101.	0.8	12
144	Non-linear analysis of the structure of variability in midfoot kinematics. <i>Gait and Posture</i> , 2010, 31, 385-390.	0.6	12

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145	Cluster analysis of pressure pain threshold maps from the trapezius muscle. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2010, 13, 677-683.	0.9	12
146	Pressure Pain Sensitivity Changes After Use of Shock-Absorbing Insoles Among Young Soccer Players Training on Artificial Turf: A Randomized Controlled Trial. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2014, 44, 587-594.	1.7	12
147	Frequency and Pattern of Rhythmic Leg Movement in Humans After Fatiguing Exercises. <i>Motor Control</i> , 2014, 18, 297-309.	0.3	12
148	Effects of concurrent physical and cognitive demands on arm movement kinematics in a repetitive upper-extremity precision task. <i>Human Movement Science</i> , 2015, 42, 89-99.	0.6	12
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