

# Julia M Treleaven

## List of Publications by Year in descending order

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131  
papers

5,064  
citations

101543

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98798

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134  
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134  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	DIZZINESS AND UNSTEADINESS FOLLOWING WHIPLASH INJURY: CHARACTERISTIC FEATURES AND RELATIONSHIP WITH CERVICAL JOINT POSITION ERROR. <i>Journal of Rehabilitation Medicine</i> , 2003, 35, 36-43.	1.1	326
2	Sensorimotor disturbances in neck disorders affecting postural stability, head and eye movement control. <i>Manual Therapy</i> , 2008, 13, 2-11.	1.6	311
3	Sensorimotor Function and Dizziness in Neck Pain: Implications for Assessment and Management. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2009, 39, 364-377.	3.5	258
4	Proprioception in musculoskeletal rehabilitation. Part 1: Basic science and principles of assessment and clinical interventions. <i>Manual Therapy</i> , 2015, 20, 368-377.	1.6	216
5	Retraining cervical joint position sense: The effect of two exercise regimes. <i>Journal of Orthopaedic Research</i> , 2007, 25, 404-412.	2.3	215
6	Cervical Range of Motion Discriminates Between Asymptomatic Persons and Those With Whiplash. <i>Spine</i> , 2001, 26, 2090-2094.	2.0	208
7	The relationship of cervical joint position error to balance and eye movement disturbances in persistent whiplash. <i>Manual Therapy</i> , 2006, 11, 99-106.	1.6	168
8	Standing balance in persistent whiplash: a comparison between subjects with and without dizziness. <i>Journal of Rehabilitation Medicine</i> , 2005, 37, 224-229.	1.1	151
9	Cervical Musculoskeletal Dysfunction in Post-Concussional Headache. <i>Cephalalgia</i> , 1994, 14, 273-279.	3.9	118
10	Standing balance: A comparison between idiopathic and whiplash-induced neck pain. <i>Manual Therapy</i> , 2008, 13, 183-191.	1.6	115
11	Proprioception in musculoskeletal rehabilitation. Part 2: Clinical assessment and intervention. <i>Manual Therapy</i> , 2015, 20, 378-387.	1.6	115
12	Pressure Pain Thresholds in Chronic Whiplash Associated Disorder: Further Evidence of Altered Central Pain Processing. <i>Journal of Musculoskeletal Pain</i> , 2002, 10, 69-81.	0.3	110
13	Cervical kinematic training with and without interactive VR training for chronic neck pain – a randomized clinical trial. <i>Manual Therapy</i> , 2015, 20, 68-78.	1.6	110
14	Responses to a clinical test of mechanical provocation of nerve tissue in whiplash associated disorder. <i>Manual Therapy</i> , 2002, 7, 89-94.	1.6	106
15	Smooth pursuit neck torsion test in whiplash-associated disorders: relationship to self-reports of neck pain and disability, dizziness and anxiety. <i>Journal of Rehabilitation Medicine</i> , 2004, -1, 1-1.	1.1	101
16	Dizziness, Unsteadiness, Visual Disturbances, and Sensorimotor Control in Traumatic Neck Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2017, 47, 492-502.	3.5	82
17	Sensorimotor disturbances in neck disorders affecting postural stability, head and eye movement control – Part 2: Case studies. <i>Manual Therapy</i> , 2008, 13, 266-275.	1.6	78
18	Remote kinematic training for patients with chronic neck pain: a randomised controlled trial. <i>European Spine Journal</i> , 2018, 27, 1309-1323.	2.2	75

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19	Cervical musculoskeletal impairments in migraine and tension type headache: A systematic review and meta-analysis. <i>Musculoskeletal Science and Practice</i> , 2019, 42, 67-83.	1.3	72
20	The effect of neck torsion on joint position error in subjects with chronic neck pain. <i>Manual Therapy</i> , 2013, 18, 562-567.	1.6	71
21	Validity and intra-rater reliability of an Android phone application to measure cervical range-of-motion. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2014, 11, 65.	4.6	71
22	Dizziness, Unsteadiness, Visual Disturbances, and Postural Control. <i>Spine</i> , 2011, 36, S211-S217.	2.0	70
23	Lumbar Spine Kinesthesia in Patients with Low Back Pain. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 1999, 29, 294-299.	3.5	65
24	Comparison of Sensorimotor Disturbance Between Subjects With Persistent Whiplash-Associated Disorder and Subjects With Vestibular Pathology Associated With Acoustic Neuroma. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 522-530.	0.9	65
25	The influence of neck pain on balance and gait parameters in community-dwelling elders. <i>Manual Therapy</i> , 2008, 13, 317-324.	1.6	62
26	Head eye co-ordination and gaze stability in subjects with persistent whiplash associated disorders. <i>Manual Therapy</i> , 2011, 16, 252-257.	1.6	57
27	Wireless orientation sensors: Their suitability to measure head movement for neck pain assessment. <i>Manual Therapy</i> , 2007, 12, 380-385.	1.6	54
28	Interactive cervical motion kinematics: Sensitivity, specificity and clinically significant values for identifying kinematic impairments in patients with chronic neck pain. <i>Manual Therapy</i> , 2015, 20, 295-302.	1.6	53
29	Simulator sickness incidence and susceptibility during neck motion-controlled virtual reality tasks. <i>Virtual Reality</i> , 2015, 19, 267-275.	6.1	51
30	Balance, dizziness and proprioception in patients with chronic whiplash associated disorders complaining of dizziness: A prospective randomized study comparing three exercise programs. <i>Manual Therapy</i> , 2016, 22, 122-130.	1.6	48
31	The clinical presentation of chronic whiplash and the relationship to findings of MRI fatty infiltrates in the cervical extensor musculature: a preliminary investigation. <i>European Spine Journal</i> , 2009, 18, 1371-1378.	2.2	46
32	Characteristics of visual disturbances reported by subjects with neck pain. <i>Manual Therapy</i> , 2014, 19, 203-207.	1.6	46
33	The influence of neck pain on sensorimotor function in the elderly. <i>Archives of Gerontology and Geriatrics</i> , 2012, 55, 667-672.	3.0	44
34	New insights into neck-pain-related postural control using measures of signal frequency and complexity in older adults. <i>Gait and Posture</i> , 2014, 39, 1069-1073.	1.4	40
35	Changes in Head and Neck Position Have a Greater Effect on Elbow Joint Position Sense in People With Whiplash-associated Disorders. <i>Clinical Journal of Pain</i> , 2006, 22, 512-518.	1.9	39
36	A prospective investigation of changes in the sensorimotor system following sports concussion. An exploratory study. <i>Musculoskeletal Science and Practice</i> , 2017, 29, 7-19.	1.3	38

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37	Head repositioning accuracy to neutral: A comparative study of error calculation. <i>Manual Therapy</i> , 2009, 14, 110-114.	1.6	37
38	Dizziness Handicap Inventory (DHI). <i>Australian Journal of Physiotherapy</i> , 2006, 52, 67.	0.9	36
39	Does the region of pain influence the presence of sensorimotor disturbances in neck pain disorders?. <i>Manual Therapy</i> , 2011, 16, 636-640.	1.6	36
40	Can a functional postural exercise improve performance in the cranio-cervical flexion test? â€“ A preliminary study. <i>Manual Therapy</i> , 2012, 17, 219-224.	1.6	36
41	The effect of neck torsion on postural stability in subjects with persistent whiplash. <i>Manual Therapy</i> , 2011, 16, 339-343.	1.6	33
42	Factors associated with cervical kinematic impairments in patients with neck pain. <i>Manual Therapy</i> , 2016, 22, 109-115.	1.6	32
43	Toward Optimal Early Management After Whiplash Injury to Lessen the Rate of Transition to Chronicity. <i>Spine</i> , 2011, 36, S335-S342.	2.0	31
44	Self-Reported Driving Habits in Subjects With Persistent Whiplash-Associated Disorder: Relationship to Sensorimotor and Psychologic Features. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1097-1102.	0.9	30
45	Sensorimotor and Physiological Indicators of Impairment in Mild Traumatic Brain Injury: A Meta-Analysis. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 115-128.	2.9	30
46	Pressure pain thresholds of upper limb peripheral nerve trunks in asymptomatic subjects. <i>Physiotherapy Research International</i> , 2000, 5, 220-229.	1.5	29
47	Is the method of signal analysis and test selection important for measuring standing balance in subjects with persistent whiplash?. <i>Gait and Posture</i> , 2005, 21, 395-402.	1.4	29
48	Simulator sickness in patients with neck pain and vestibular pathology during virtual reality tasks. <i>Virtual Reality</i> , 2018, 22, 211-219.	6.1	29
49	Neck pain associated with migraine does not necessarily reflect cervical musculoskeletal dysfunction. <i>Headache</i> , 2021, 61, 882-894.	3.9	29
50	Neck motion kinematics: an inter-tester reliability study using an interactive neck VR assessment in asymptomatic individuals. <i>European Spine Journal</i> , 2016, 25, 2139-2148.	2.2	27
51	Balance, mobility and gaze stability deficits remain following surgical removal of vestibular schwannoma (acoustic neuroma): An observational study. <i>Australian Journal of Physiotherapy</i> , 2006, 52, 211-216.	0.9	26
52	Construct Validity and Test-Retest Reliability of the Fatigue Severity Scale in People With Chronic Neck Pain. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1328-1334.	0.9	25
53	Validity and Reliability of the Perceived Deficit Questionnaire to Assess Cognitive Symptoms in People With Chronic Whiplash-Associated Disorders. <i>Archives of Physical Medicine and Rehabilitation</i> , 2012, 93, 1774-1781.	0.9	24
54	High variability of the subjective visual vertical test of vertical perception, in some people with neck pain â€“ Should this be a standard measure of cervical proprioception?. <i>Manual Therapy</i> , 2015, 20, 183-188.	1.6	24

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55	Head Eye Co-ordination Using Simultaneous Measurement of Eye in Head and Head in Space Movements: Potential For Use in Subjects With a Whiplash Injury. <i>Journal of Clinical Monitoring and Computing</i> , 2009, 23, 31-40.	1.6	23
56	Contributions of Physical and Cognitive Impairments to Self-Reported Driving Difficulty in Chronic Whiplash-Associated Disorders. <i>Spine</i> , 2013, 38, 1554-1560.	2.0	23
57	The effects of head movement and walking speed on gait parameters in patients with chronic neck pain. <i>Manual Therapy</i> , 2014, 19, 137-141.	1.6	22
58	Utility of a brief assessment tool developed from the Dizziness Handicap Inventory to screen for Cervicogenic dizziness: A case control study. <i>Musculoskeletal Science and Practice</i> , 2017, 30, 42-48.	1.3	20
59	Use of neck torsion as a specific test of neck related postural instability. <i>Musculoskeletal Science and Practice</i> , 2017, 29, 115-119.	1.3	20
60	Self-reported Concussion History and Sensorimotor Tests Predict Head/Neck Injuries. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2385-2393.	0.4	20
61	Neck muscle vibration produces diverse responses in balance and gait speed between individuals with and without neck pain. <i>Musculoskeletal Science and Practice</i> , 2018, 35, 25-29.	1.3	19
62	Recommendations For Core Outcome Domain Set For Whiplash-Associated Disorders (CATWAD). <i>Clinical Journal of Pain</i> , 2019, 35, 727-736.	1.9	19
63	Driving With a Chronic Whiplash-Associated Disorder: A Review of Patients' Perspectives. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 106-110.	0.9	18
64	Effects of local treatment with and without sensorimotor and balance exercise in individuals with neck pain: protocol for a randomized controlled trial. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 48.	1.9	18
65	Computer vision symptoms in people with and without neck pain. <i>Applied Ergonomics</i> , 2019, 80, 50-56.	3.1	18
66	Influence of neck torsion on near point convergence in subjects with idiopathic neck pain. <i>Musculoskeletal Science and Practice</i> , 2017, 32, 51-56.	1.3	17
67	Intra and interrater reliability and clinical feasibility of a simple measure of cervical movement sense in patients with neck pain. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 358.	1.9	17
68	Retrospective Review: Effectiveness of Cervical Proprioception Retraining for Dizziness After Mild Traumatic Brain Injury in a Military Population With Abnormal Cervical Proprioception. <i>Journal of Manipulative and Physiological Therapeutics</i> , 2019, 42, 399-406.	0.9	17
69	Minimum repetitions for stable measures of visual dependency using the dot version of the computer-based Rod-Frame test. <i>Manual Therapy</i> , 2012, 17, 466-469.	1.6	15
70	The Neck Pain Driving Index (NPDI) for chronic whiplash-associated disorders: development, reliability, and validity assessment. <i>Spine Journal</i> , 2012, 12, 912-920.e1.	1.3	15
71	An exploratory study examining factors underpinning postural instability in older adults with idiopathic neck pain. <i>Gait and Posture</i> , 2018, 60, 93-98.	1.4	15
72	Are jaw range of motion, muscle function and proprioception impaired in adults with persistent temporomandibular disorders? A systematic review and meta-analysis. <i>Journal of Oral Rehabilitation</i> , 2020, 47, 1448-1478.	3.0	15

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73	A meta-analysis and systematic review of changes in joint position sense and static standing balance in patients with whiplash-associated disorder. <i>PLoS ONE</i> , 2021, 16, e0249659.	2.5	14
74	Dynamic and functional balance tasks in subjects with persistent whiplash: A pilot trial. <i>Manual Therapy</i> , 2011, 16, 394-398.	1.6	13
75	A Description of Neck Motor Performance, Neck Pain, Fatigue, and Mental Effort While Driving in a Sample with Chronic Whiplash-Associated Disorders. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2014, 93, 665-674.	1.4	13
76	Impaired Standing Balance in Individuals with Cervicogenic Headache and Migraine. <i>Journal of Oral and Facial Pain and Headache</i> , 2018, 32, 321-328.	1.4	13
77	A tailored sensorimotor approach for management of whiplash associated disorders. A single case study. <i>Manual Therapy</i> , 2010, 15, 206-209.	1.6	12
78	Evaluation of document location during computer use in terms of neck muscle activity and neck movement. <i>Applied Ergonomics</i> , 2014, 45, 767-772.	3.1	12
79	Validity of clinical measures of smooth pursuit eye movement control in patients with idiopathic neck pain. <i>Musculoskeletal Science and Practice</i> , 2018, 33, 18-23.	1.3	12
80	Altered trunk head co-ordination in those with persistent neck pain. <i>Musculoskeletal Science and Practice</i> , 2019, 39, 45-50.	1.3	12
81	What conservative interventions improve bite function in those with temporomandibular disorders? A systematic review using self-reported and physical measures. <i>Journal of Oral Rehabilitation</i> , 2022, 49, 456-475.	3.0	12
82	Cervical kinematics in patients with vestibular pathology vs. patients with neck pain: A pilot study. <i>Journal of Vestibular Research: Equilibrium and Orientation</i> , 2017, 27, 137-145.	2.0	10
83	Clinical assessment of cervical movement sense in those with neck pain compared to asymptomatic individuals. <i>Musculoskeletal Science and Practice</i> , 2019, 43, 64-69.	1.3	10
84	The Neck Disability Index Reflects Allodynia and Headache Disability but Not Cervical Musculoskeletal Dysfunction in Migraine. <i>Physical Therapy</i> , 2022, 102, .	2.4	10
85	Assessment of driving-related performance in chronic whiplash using an advanced driving simulator. <i>Accident Analysis and Prevention</i> , 2013, 60, 5-14.	5.7	9
86	Combined transcranial and trans-spinal direct current stimulation in chronic headache: A feasibility and safety trial for a novel intervention. <i>Hong Kong Physiotherapy Journal</i> , 2017, 37, 1-9.	1.0	9
87	Normative Responses to Clinical Tests for Cervicogenic Dizziness: Clinical Cervical Torsion Test and Head-Neck Differentiation Test. <i>Physical Therapy</i> , 2019, 100, 192-200.	2.4	8
88	Single and dual tandem gait assessment post concussion: What performance time is clinically relevant across adult ages and what can influence results?. <i>Musculoskeletal Science and Practice</i> , 2019, 42, 166-172.	1.3	8
89	Impact of accommodation, convergence and stereoacuity on perceived symptoms and surgical performance among surgeons. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2021, 35, 6660-6670.	2.4	8
90	Cervical musculoskeletal impairments in migraine. <i>Archives of Physiotherapy</i> , 2021, 11, 27.	1.8	8

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91	Neck Pain Driving Index: Appropriateness of the Rating Scale and Unidimensionality of the Strategic, Tactical, and Operational Levels. Archives of Physical Medicine and Rehabilitation, 2013, 94, 1842-1846.	0.9	7
92	Should we abandon positional testing for vertebrobasilar insufficiency?. Musculoskeletal Science and Practice, 2020, 46, 102095.	1.3	7
93	Predictors for Positive Response to Home Kinematic Training in Chronic Neck Pain. Journal of Manipulative and Physiological Therapeutics, 2020, 43, 779-790.	0.9	7
94	“What if it doesn't unlock?” A qualitative study into the lived experiences of adults with persistent intra-articular temporomandibular disorders. Musculoskeletal Science and Practice, 2021, 54, 102401.	1.3	7
95	Cervical musculoskeletal and sensorimotor impairments 4 weeks to 6 months following mild traumatic brain injury: An observational cohort study. Musculoskeletal Science and Practice, 2022, 57, 102490.	1.3	7
96	Sensorimotor system changes in adolescent rugby players post-concussion: A prospective investigation from the subacute period through to return-to-sport. Musculoskeletal Science and Practice, 2022, 57, 102492.	1.3	7
97	Identifying upper limb disability in patients with persistent whiplash. Manual Therapy, 2015, 20, 487-493.	1.6	6
98	Higher variability in cervical force perception in people with neck pain. Musculoskeletal Science and Practice, 2019, 42, 6-12.	1.3	6
99	High-vs. low-tech cervical movement sense measurement in individuals with neck pain. Musculoskeletal Science and Practice, 2020, 45, 102097.	1.3	6
100	Is jaw muscle activity impaired in adults with persistent temporomandibular disorders? A systematic review and meta-analysis. Journal of Oral Rehabilitation, 2021, 48, 487-516.	3.0	6
101	Intra-rater reliability of hallux flexor strength measures using the Nintendo Wii Balance Board. Journal of Foot and Ankle Research, 2015, 8, 48.	1.9	5
102	Lower limb joint position sense and prospective hamstring injury. Musculoskeletal Science and Practice, 2021, 53, 102371.	1.3	5
103	Effects of dry needling of the obliquus capitis inferior on sensorimotor control and cervical mobility in people with neck pain: A double-blind, randomized sham-controlled trial. Brazilian Journal of Physical Therapy, 2021, 25, 826-836.	2.5	5
104	The temporal behaviour of migraine related neck pain does not inform on the origin of neck pain: An observational study. Musculoskeletal Science and Practice, 2022, 58, 102522.	1.3	5
105	Possible autonomic or cranial nerve symptoms triggered during sustained neck rotation in persistent headache post-concussion: a retrospective observational cross-sectional study. Journal of Manual and Manipulative Therapy, 0, , 1-11.	1.2	5
106	Therapeutic Exercise for Cervical Disorders. , 2008, , 207-229.		4
107	Cervical Kinematics of Fast Neck Motion across Age. Journal of Novel Physiotherapies, 2016, 6, .	0.1	4
108	Persistent impairment based symptoms post mild traumatic brain injury: Does a standard symptom scale detect them?. Musculoskeletal Science and Practice, 2019, 41, 15-22.	1.3	4

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109	Alterations in Cervical Muscle Function in Neck Pain. , 2008, , 41-58.		3
110	Letter to the editor. Clinical Rehabilitation, 2008, 22, 379-380.	2.2	3
111	The concurrent validity and intrarater reliability of the Microsoft Kinect to measure thoracic kyphosis. International Journal of Rehabilitation Research, 2017, 40, 279-284.	1.3	3
112	Whiplash-associated Disorders. , 2008, , 101-115.		2
113	Clinical Assessment. , 2008, , 155-187.		2
114	Principles of Management of Cervical Disorders. , 2008, , 189-206.		2
115	Effects of tandem walk and cognitive and motor dual- tasks on gait speed in individuals with chronic idiopathic neck pain: a preliminary study. Physiotherapy Theory and Practice, 2019, 37, 1-7.	1.3	2
116	Change in a clinical measure of cervical movement sense following four weeks of kinematic training. Musculoskeletal Science and Practice, 2021, 51, 102312.	1.3	2
117	Altered neuromuscular activity and postural stability during standing balance tasks in persons with non-specific neck pain. Journal of Electromyography and Kinesiology, 2021, 61, 102608.	1.7	2
118	Cervicogenic Headache. , 2008, , 117-130.		1
119	Differential Diagnosis of Cervicobrachial Pain. , 2008, , 131-143.		1
120	Spinal control is related to concussion in professional footballers. British Journal of Sports Medicine, 2017, 51, A10.3-A11.	6.7	1
121	Can a simple clinical test demonstrate head-trunk coordination impairment in neck pain?. Musculoskeletal Science and Practice, 2020, 49, 102209.	1.3	1
122	Response to the letter to the editor regarding the continued use of the 'vertebrobasilar insufficiency' test. Musculoskeletal Science and Practice, 2020, 45, 102101.	1.3	1
123	The management experiences, needs and preferences of individuals seeking care for persistent intra-articular temporomandibular disorders: A qualitative study. Journal of Oral Rehabilitation, 2022, 49, 10-21.	3.0	1
124	An Investigation of Sensorimotor Impairments in Individuals 4 weeks to 6 months following mild traumatic brain injury. Archives of Physical Medicine and Rehabilitation, 2021, , .	0.9	1
125	Manueel-therapeutisch onderzoek: is provocatie van pijn een belangrijke diagnostische aanwijzing voor spinale functiestoornissen?. Stimulus, 1995, 14, 257-260.	0.0	0
126	Sensory Manifestations of Neck Pain. , 2008, , 5-19.		0

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127	Structure and Function of the Cervical Region. , 2008, , 21-39.		0
128	The Cervical Spine and Sensorimotor Control. , 2008, , 59-71.		0
129	Disturbances in Postural Stability, Head and Eye Movement Control in Cervical Disorders. , 2008, , 73-86.		0
130	An Investigation of Physiological System Impairments in Individuals 4 Weeks to 6 Months Following Mild Traumatic Brain Injury. Journal of Head Trauma Rehabilitation, 2023, 38, E79-E87.	1.7	0
131	Cervical musculoskeletal, physical and psychological factors associated with ongoing dizziness in patients with whiplash associated disorder, 12 months after undertaking a neck specific or general exercise intervention. BMC Musculoskeletal Disorders, 2022, 23, .	1.9	0