

Alison H McGregor

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

5,331
citations

76294

40
h-index

118793

62
g-index

188
all docs

188
docs citations

188
times ranked

5606
citing authors

#	ARTICLE	IF	CITATIONS
1	Symptomatic individuals with Lumbar Disc Degeneration use different anticipatory and compensatory kinematic strategies to asymptomatic controls in response to postural perturbation. <i>Gait and Posture</i> , 2022, 94, 222-229.	0.6	2
2	Issues Faced by Prosthetists and Physiotherapists During Lower-Limb Prosthetic Rehabilitation: A Thematic Analysis. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 2, .	0.5	3
3	A Paradigm Shift in Assessment of Scientific Skills in Undergraduate Medical Education. <i>Advances in Medical Education and Practice</i> , 2022, Volume 13, 123-127.	0.7	0
4	Not as simple as "fear of the unknown": A qualitative study exploring anxiety in the radiotherapy department. <i>European Journal of Cancer Care</i> , 2022, 31, e13564.	0.7	3
5	The Impact of Limited Prosthetic Socket Documentation: A Researcher Perspective. <i>Frontiers in Rehabilitation Sciences</i> , 2022, 3, .	0.5	5
6	Patient and practitioner perspectives on the design of a simulated affective touch device to reduce procedural anxiety associated with radiotherapy: a qualitative study. <i>BMJ Open</i> , 2022, 12, e050288.	0.8	3
7	Obtaining Patient Torso Geometry for the Design of Scoliosis Braces. A Study of the Accuracy and Repeatability of Handheld 3D Scanners. <i>Prosthetics and Orthotics International</i> , 2022, Publish Ahead of Print, .	0.5	0
8	Physiotherapy Regimens in Esophagectomy and Gastrectomy: a Systematic Review and Meta-Analysis. <i>Annals of Surgical Oncology</i> , 2022, 29, 3148-3167.	0.7	22
9	ASO Author Reflections: The Role of Physiotherapy Regimens in Esophagectomy and Gastrectomy for Cancer. <i>Annals of Surgical Oncology</i> , 2022, 29, 3168-3169.	0.7	1
10	A qualitative evaluation of participants experiences of living with back pain, lumbar fusion surgery, and post-operative rehabilitation. <i>Pilot and Feasibility Studies</i> , 2022, 8, 91.	0.5	2
11	How do physiotherapists solicit and explore patients's concerns in back pain consultations: a conversation analytic approach. <i>Physiotherapy Theory and Practice</i> , 2021, 37, 693-709.	0.6	18
12	Voice and Swallowing Outcomes Following Airway Reconstruction in Adults: A Systematic Review. <i>Laryngoscope</i> , 2021, 131, 146-157.	1.1	13
13	Adaptation of balance reactions following forward perturbations in people with joint hypermobility syndrome. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 123.	0.8	12
14	Quantification of Motor Function Post-Stroke Using Novel Combination of Wearable Inertial and Mechanomyographic Sensors. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2021, 29, 1158-1167.	2.7	12
15	An open-source musculoskeletal model of the lumbar spine and lower limbs: a validation for movements of the lumbar spine. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2021, 24, 1310-1325.	0.9	19
16	2021 consensus statement for preventing and managing low back pain in elite and subelite adult rowers. <i>British Journal of Sports Medicine</i> , 2021, 55, 893-899.	3.1	14
17	Understanding the impact of lumbar disc degeneration and chronic low back pain: A cross-sectional electromyographic analysis of postural strategy during predicted and unpredicted postural perturbations. <i>PLoS ONE</i> , 2021, 16, e0249308.	1.1	1
18	Characterising the Mould Rectification Process for Designing Scoliosis Braces: Towards Automated Digital Design of 3D-Printed Braces. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4665.	1.3	8

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19	Maintaining Bone Health in the Lumbar Spine: Routine Activities Alone Are Not Enough. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 661837.	2.0	3
20	Impact of social restrictions during the COVID-19 pandemic on the physical activity levels of adults aged 50–92 years: a baseline survey of the CHARIOT COVID-19 Rapid Response prospective cohort study. <i>BMJ Open</i> , 2021, 11, e050680.	0.8	22
21	Comparing sagittal plane kinematics and kinetics of gait and stair climbing between hypermobile and non-hypermobile people; a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 712.	0.8	3
22	Understanding lower limb muscle volume adaptations to amputation. <i>Journal of Biomechanics</i> , 2021, 125, 110599.	0.9	8
23	Postnatal exercise interventions: a systematic review of adherence and effect. <i>BMJ Open</i> , 2021, 11, e044567.	0.8	5
24	Taking patients to the ice cream shop but telling them that they cannot have ice cream: a qualitative study of orthopaedic spine clinicians' perceptions of persistent low back pain consultations. <i>BMJ Open</i> , 2021, 11, e052938.	0.8	1
25	The relationship between rowing-related low back pain and rowing biomechanics: a systematic review. <i>British Journal of Sports Medicine</i> , 2021, 55, 616-628.	3.1	19
26	Physiotherapists' Approaches to Patients' Concerns in Back Pain Consultations Following a Psychologically Informed Training Program. <i>Qualitative Health Research</i> , 2021, 31, 2486-2501.	1.0	13
27	Improving consultations for persistent musculoskeletal low back pain in orthopaedic spine settings: an intervention development. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 896.	0.8	2
28	Health, Lifestyle, and Psycho-Social Determinants of Poor Sleep Quality During the Early Phase of the COVID-19 Pandemic: A Focus on UK Older Adults Deemed Clinically Extremely Vulnerable. <i>Frontiers in Public Health</i> , 2021, 9, 753964.	1.3	8
29	Association between hip joint impingement and lumbar disc disease in elite rowers. <i>BMJ Open Sport and Exercise Medicine</i> , 2021, 7, e001063.	1.4	0
30	A Visual Feedback Tool for Quantitative Pressure Monitoring in Lower-Limb Prosthetic Sockets. <i>Prosthesis</i> , 2021, 3, 394-405.	1.1	1
31	Prolonged standing behaviour in people with joint hypermobility syndrome. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 1005.	0.8	1
32	Comparing optical and electromagnetic tracking systems to facilitate compatibility in sports kinematics data. <i>International Biomechanics</i> , 2021, 8, 75-84.	0.9	1
33	Alteration of movement patterns in low back pain assessed by Statistical Parametric Mapping. <i>Journal of Biomechanics</i> , 2020, 100, 109597.	0.9	16
34	The potential for haptic touch technology to supplement human empathetic touch during radiotherapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2020, 51, S39-S43.	0.2	3
35	Examination of the Performance Characteristics of Velostat as an In-Socket Pressure Sensor. <i>IEEE Sensors Journal</i> , 2020, 20, 6992-7000.	2.4	45
36	What is the clinical value of mHealth for patients?. <i>Npj Digital Medicine</i> , 2020, 3, 4.	5.7	234

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37	Assessment of chest wall movement following thoracotomy: a systematic review. <i>Journal of Thoracic Disease</i> , 2020, 12, 1031-1040.	0.6	14
38	Perceived Effect of Socket Fit on Major Lower Limb Prosthetic Rehabilitation: A Clinician and Amputee Perspective. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2020, 2, 100059.	0.5	26
39	Feasibility and acceptability study on the use of a smartphone application to facilitate balance training in the ageing population. <i>BMJ Open</i> , 2020, 10, e039054.	0.8	9
40	Prevalence and Incidence of Low Back Pain in the Kingdom of Saudi Arabia: A Systematic Review. <i>Journal of Epidemiology and Global Health</i> , 2020, 10, 269.	1.1	23
41	Lower back pain and healthy subjects exhibit distinct lower limb perturbation response strategies: A preliminary study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2019, 32, 27-35.	0.4	4
42	Understanding Low Back Pain in Traumatic Lower Limb Amputees: A Systematic Review. <i>Archives of Rehabilitation Research and Clinical Translation</i> , 2019, 1, 100007.	0.5	16
43	Design and preliminary testing of a low-cost balance perturbation system for the evaluation of real life postural adjustment on public transport. <i>Journal of Medical Engineering and Technology</i> , 2019, 43, 356-362.	0.8	2
44	Myographic Information Enables Hand Function Classification in Automated Fugl-Meyer Assessment. , 2019, , .		3
45	Time spent being sedentary: an emerging risk factor for poor health. <i>British Journal of General Practice</i> , 2019, 69, 278-279.	0.7	4
46	Formulation of a new gradient descent MARG orientation algorithm: Case study on robot teleoperation. <i>Mechanical Systems and Signal Processing</i> , 2019, 130, 183-200.	4.4	59
47	Exploring the Role of Wearable Technology in Sport Kinematics and Kinetics: A Systematic Review. <i>Sensors</i> , 2019, 19, 1597.	2.1	140
48	Rehabilitation following lumbar fusion surgery (REFS) a randomised controlled feasibility study. <i>European Spine Journal</i> , 2019, 28, 735-744.	1.0	15
49	RESTOREâ€”Cognitive functional therapy with or without movement sensor biofeedback versus usual care for chronic, disabling low back pain: study protocol for a randomised controlled trial. <i>BMJ Open</i> , 2019, 9, e031133.	0.8	17
50	Exploring the clinical context of adopting an instrumented insole: a qualitative study of cliniciansâ€™ preferences in England. <i>BMJ Open</i> , 2019, 9, e023656.	0.8	6
51	The perspectives of physiotherapists on managing nonspecific low back pain following a training programme in cognitive functional therapy: A qualitative study. <i>Musculoskeletal Care</i> , 2019, 17, 79-90.	0.6	23
52	Deep Learning for Musculoskeletal Force Prediction. <i>Annals of Biomedical Engineering</i> , 2019, 47, 778-789.	1.3	49
53	Spinal segments do not move together predictably during daily activities. <i>Gait and Posture</i> , 2019, 67, 277-283.	0.6	26
54	A flexible wearable sensor for knee flexion assessment during gait. <i>Gait and Posture</i> , 2018, 62, 480-483.	0.6	36

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55	Is there evidence to use kinematic/kinetic measures clinically in low back pain patients? A systematic review. <i>Clinical Biomechanics</i> , 2018, 55, 53-64.	0.5	45
56	Perceptions of physiotherapists towards the management of non-specific chronic low back pain from a biopsychosocial perspective: A qualitative study. <i>Musculoskeletal Science and Practice</i> , 2018, 38, 113-119.	0.6	65
57	Spatiotemporal gait changes in healthy pregnant women and women with pelvic girdle pain: A systematic review. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 821-838.	0.4	4
58	Detecting knee osteoarthritis and its discriminating parameters using random forests. <i>Medical Engineering and Physics</i> , 2017, 43, 19-29.	0.8	69
59	Predicting knee osteoarthritis risk in injured populations. <i>Clinical Biomechanics</i> , 2017, 47, 87-95.	0.5	35
60	Injury prevention, performance and return to sport: How can science help?. <i>Chinese Journal of Traumatology - English Edition</i> , 2017, 20, 63-66.	0.7	3
61	Wearable technology for spine movement assessment: A systematic review. <i>Journal of Biomechanics</i> , 2017, 64, 186-197.	0.9	91
62	Gait adaptations with aging in healthy participants and people with knee-joint osteoarthritis. <i>Gait and Posture</i> , 2017, 57, 246-251.	0.6	23
63	Rehabilitation Following Lumbar Fusion Surgery. <i>Spine</i> , 2016, 41, E28-E36.	1.0	51
64	Rehabilitation following lumbar fusion surgery: a randomised, controlled, feasibility study with interim results. <i>Spine Journal</i> , 2016, 16, S79.	0.6	1
65	Reliability and minimal detectable change of gait kinematics in people who are hypermobile. <i>Gait and Posture</i> , 2016, 44, 37-42.	0.6	13
66	Current and future perspectives on lumbar degenerative disc disease: a UK survey exploring specialist multidisciplinary clinical opinion. <i>BMJ Open</i> , 2016, 6, e011075.	0.8	10
67	Wearable technologies in osteoarthritis: a qualitative study of clinicians' preferences. <i>BMJ Open</i> , 2016, 6, e009544.	0.8	41
68	Impact of wearable technology on psychosocial factors of osteoarthritis management: a qualitative study. <i>BMJ Open</i> , 2016, 6, e010064.	0.8	36
69	Communicating and using biomechanical measures through visual cues to optimise safe and effective rowing. <i>Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology</i> , 2016, 230, 246-252.	0.4	3
70	Influence of foot-stretcher height on rowing technique and performance. <i>Sports Biomechanics</i> , 2016, 15, 513-526.	0.8	9
71	Incremental training intensities increases loads on the lower back of elite female rowers. <i>Journal of Sports Sciences</i> , 2016, 34, 369-378.	1.0	15
72	A knee monitoring device and the preferences of patients living with osteoarthritis: a qualitative study. <i>BMJ Open</i> , 2015, 5, e007980.	0.8	42

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73	Evaluating rehabilitation following lumbar fusion surgery (REFS): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 251.	0.7	9
74	Highlights from day three of the EuroSciCon 2015 Sports Science Summit. <i>Future Science OA</i> , 2015, 1, FSO14.	0.9	0
75	Plantar Loading Forces While Walking in a Below-Knee Cast With an Attached Loadbearing Frame. <i>Foot and Ankle International</i> , 2015, 36, 722-729.	1.1	7
76	Delivering an Optimised Behavioural Intervention (OBI) to people with low back pain with high psychological risk; results and lessons learnt from a feasibility randomised controlled trial of Contextual Cognitive Behavioural Therapy (CCBT) vs. Physiotherapy. <i>BMC Musculoskeletal Disorders</i> , 2015, 16, 147.	0.8	37
77	Use of wearable technology for performance assessment: A validation study. <i>Medical Engineering and Physics</i> , 2015, 37, 698-704.	0.8	58
78	Live demonstration: Wearable electronics for a smart garment aiding rehabilitation. , 2015, , .		2
79	Smart Sensing System for Combined Activity Classification and Estimation of Knee Range of Motion. <i>IEEE Sensors Journal</i> , 2015, 15, 5535-5544.	2.4	16
80	Biomechanical determinants of elite rowing technique and performance. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, e176-83.	1.3	43
81	Investigating the Effects of Knee Flexion during the Eccentric Heel-Drop Exercise. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 459-65.	0.7	3
82	The Complexity of Human Walking: A Knee Osteoarthritis Study. <i>PLoS ONE</i> , 2014, 9, e107325.	1.1	20
83	Foot force production and asymmetries in elite rowers. <i>Sports Biomechanics</i> , 2014, 13, 47-61.	0.8	26
84	Rehabilitation Following Surgery for Lumbar Spinal Stenosis. <i>Spine</i> , 2014, 39, 1044-1054.	1.0	28
85	Knee moments of anterior cruciate ligament reconstructed and control participants during normal and inclined walking. <i>BMJ Open</i> , 2014, 4, e004753-e004753.	0.8	22
86	Balance and gait adaptations in patients with early knee osteoarthritis. <i>Gait and Posture</i> , 2014, 39, 1057-1061.	0.6	70
87	Ergometer training volume and previous injury predict back pain in rowing; strategies for injury prevention and rehabilitation: Table A1. <i>British Journal of Sports Medicine</i> , 2014, 48, 1534-1537.	3.1	47
88	Comparison of kinematic and kinetic parameters calculated using a cluster-based model and Vicon's plug-in gait. <i>Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine</i> , 2014, 228, 206-210.	1.0	71
89	Impaired neural drive in patients with low back pain. <i>European Journal of Pain</i> , 2014, 18, 794-802.	1.4	28
90	Is our healthcare system working for spinal surgery patients? Towards individualised care pathways and person-centered supports. <i>European Journal for Person Centered Healthcare</i> , 2014, 1, 411.	0.3	2

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91	Exploring the care experience of patients undergoing spinal surgery: a qualitative study. <i>Journal of Evaluation in Clinical Practice</i> , 2013, 19, 132-138.	0.9	26
92	Testing the credibility, feasibility and acceptability of an optimised behavioural intervention (OBI) for avoidant chronic low back pain patients: protocol for a randomised feasibility study. <i>Trials</i> , 2013, 14, 172.	0.7	11
93	Comparison of median frequency between traditional and functional sensor placements during activity monitoring. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 2193-2200.	2.5	4
94	Measuring body weight distribution during sit-to-stand in patients with early knee osteoarthritis. <i>Gait and Posture</i> , 2013, 38, 745-750.	0.6	38
95	Rehabilitation following surgery for lumbar spinal stenosis. <i>The Cochrane Library</i> , 2013, , CD009644.	1.5	28
96	An Attachable Clothing Sensor System for Measuring Knee Joint Angles. <i>IEEE Sensors Journal</i> , 2013, 13, 4090-4097.	2.4	57
97	An exploration of patients' expectation of and satisfaction with surgical outcome. <i>European Spine Journal</i> , 2013, 22, 2836-2844.	1.0	61
98	Evaluation of corticospinal excitability in cervical myelopathy, before and after surgery, with transcranial magnetic stimulation: a pilot study. <i>European Spine Journal</i> , 2013, 22, 189-196.	1.0	14
99	Detection of abnormal muscle activations during walking following spinal cord injury (SCI). <i>Research in Developmental Disabilities</i> , 2013, 34, 1226-1235.	1.2	20
100	An alternative technical marker set for the pelvis is more repeatable than the standard pelvic marker set. <i>Gait and Posture</i> , 2013, 38, 1032-1037.	0.6	42
101	Re: Electromyographic activity of pelvic and lower limb muscles during postural tasks in people with benign joint hypermobility syndrome and non hypermobile people. A pilot study Greenwood NL, Duffell LD, Alexander CM & McGregor AH. <i>Man Ther</i> 16, 2011 p623-628. <i>Manual Therapy</i> , 2013, 18, e10.	1.6	2
102	Wearable and Implantable Sensors: The Patient's Perspective. <i>Sensors</i> , 2012, 12, 16695-16709.	2.1	94
103	An Evaluation of a Postoperative Rehabilitation Program After Spinal Surgery and Its Impact on Outcome. <i>Spine</i> , 2012, 37, E417-E422.	1.0	10
104	Kinematic Asymmetries of the Lower Limbs during Ergometer Rowing. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2147-2153.	0.2	41
105	Patients' views on an education booklet following spinal surgery. <i>European Spine Journal</i> , 2012, 21, 1609-1615.	1.0	13
106	The pathogenesis of degeneration of the intervertebral disc and emerging therapies in the management of back pain. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2012, 94-B, 1298-1304.	3.4	109
107	Introducing the Society for Back Pain Research. <i>European Spine Journal</i> , 2012, 21, 153-153.	1.0	0
108	Degeneration of the extensor muscle group in a surgical low back and leg pain population. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2011, 24, 23-30.	0.4	8

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109	Effects of a 60-second maximum voluntary isometric contraction on torque production and EMG output of the quadriceps muscle group. <i>Isokinetics and Exercise Science</i> , 2011, 19, 13-22.	0.2	5
110	Electromyographic activity of the quadriceps components during the final degrees of knee extension. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2011, 24, 215-223.	0.4	9
111	ISSLS Prize Winner. <i>Spine</i> , 2011, 36, 1711-1720.	1.0	55
112	Function After Spinal Treatment, Exercise, and Rehabilitation. <i>Spine</i> , 2011, 36, 1807-1814.	1.0	22
113	Optimizing and validating an electromagnetic tracker in a human performance laboratory. Proceedings of the Institution of Mechanical Engineers, Part H: <i>Journal of Engineering in Medicine</i> , 2011, 225, 343-351.	1.0	5
114	Electromyographic activity of pelvic and lower limb muscles during postural tasks in people with benign joint hypermobility syndrome and non hypermobile people. A pilot study. <i>Manual Therapy</i> , 2011, 16, 623-628.	1.6	37
115	Body-Worn Sensor Design: What Do Patients and Clinicians Want?. <i>Annals of Biomedical Engineering</i> , 2011, 39, 2299-2312.	1.3	177
116	Clinical-Based Engineering Assessment and Data Interpretation of Hand Strength for Task-Oriented Robotic Rehabilitation. <i>Advanced Robotics</i> , 2011, 25, 1991-2018.	1.1	3
117	A subject-based motion generation model with adjustable walking pattern for a gait robotic trainer: NaTure-gaits. , 2011, , .		16
118	A subject-based motion generation model with adjustable walking pattern for a gait robotic trainer: NaTure-gaits. , 2011, , .		1
119	The Impact of Intermittent Retraction on Paraspinal Muscle Function During Lumbar Surgery. <i>Spine</i> , 2010, 35, E1050-E1057.	1.0	13
120	Reviewer's comment on "Five-year outcome of surgical decompression of the lumbar spine without fusion" by Mannion AF, Denzler R, Dvorak J, Grob D (doi:10.1007/s00586-010-1535-2). <i>European Spine Journal</i> , 2010, 19, 1892-1893.	1.0	0
121	Function after spinal treatment, exercise and rehabilitation (FASTER): improving the functional outcome of spinal surgery. <i>BMC Musculoskeletal Disorders</i> , 2010, 11, 17.	0.8	24
122	The calibration and application of a force-measuring apparatus on the seat of a rowing ergometer. Proceedings of the Institution of Mechanical Engineers, Part P: <i>Journal of Sports Engineering and Technology</i> , 2010, 224, 109-116.	0.4	6
123	The effect of bone strontium on BMD is different for different manufacturers' DXA Systems. <i>Bone</i> , 2010, 47, 882-887.	1.4	13
124	Quantitative Assessment of the Motion of the Lumbar Spine and Pelvis with Wearable Inertial Sensors. , 2010, , .		8
125	Lower limb involvement in spinal function and low back pain. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2009, 22, 219-222.	0.4	65
126	Trunk muscle responses following unpredictable loading of an abducted arm. <i>Gait and Posture</i> , 2009, 30, 181-186.	0.6	16

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127	Body Sensor Networks for Monitoring Rowing Technique. , 2009, , .		22
128	Do men and women row differently? a spinal kinematic and force perspective. Proceedings of the Institution of Mechanical Engineers, Part P: Journal of Sports Engineering and Technology, 2008, 222, 77-83.	0.4	9
129	Do asymmetries exist in the trunk muscles and is this influenced by sporting task?. Isokinetics and Exercise Science, 2008, 16, 255-262.	0.2	4
130	Changes in rowing technique over a routine one hour low intensity high volume training session. Journal of Sports Science and Medicine, 2008, 7, 486-91.	0.7	10
131	Assessing Hip Abduction and Adduction Strength: Can Greater Segmental Fixation Enhance the Reproducibility?. Archives of Physical Medicine and Rehabilitation, 2007, 88, 1147-1153.	0.5	13
132	Testing isometric fatigue in the trunk muscles. Isokinetics and Exercise Science, 2007, 15, 91-97.	0.2	6
133	Time course of trunk extensor muscle fatigue as measured using dynamometry and electromyography. Isokinetics and Exercise Science, 2007, 15, 225-231.	0.2	2
134	Direct, quantitative clinical assessment of hand function: Usefulness and reproducibility. Manual Therapy, 2007, 12, 144-152.	1.6	35
135	The development of an evidence-based patient booklet for patients undergoing lumbar discectomy and un-instrumented decompression. European Spine Journal, 2007, 16, 339-346.	1.0	52
136	The outcome of spinal decompression surgery 5Âyears on. European Spine Journal, 2007, 16, 1842-1847.	1.0	38
137	Longitudinal changes in the spinal kinematics of oarswomen during step testing. Journal of Sports Science and Medicine, 2007, 6, 29-35.	0.7	13
138	National audit of post-operative management in spinal surgery. BMC Musculoskeletal Disorders, 2006, 7, 47.	0.8	54
139	A comparison of kinematics and performance measures of two rowing ergometers. Journal of Sports Science and Medicine, 2006, 5, 52-9.	0.7	20
140	An investigation of leg and trunk strength and reaction times of hard-style martial arts practitioners. Journal of Sports Science and Medicine, 2006, 5, 5-12.	0.7	14
141	Work-related musculoskeletal disorders affecting members of the Chartered Society of Physiotherapy. Physiotherapy, 2005, 91, 138-147.	0.2	128
142	Establishment of a protocol to test fatigue of the trunk muscles. British Journal of Sports Medicine, 2005, 39, 731-735.	3.1	26
143	Dynamic response of the cervical spine to posteroanterior mobilisation. Clinical Biomechanics, 2005, 20, 228-231.	0.5	49
144	Spinal kinematics in elite oarswomen during a routine physiological "step test". Medicine and Science in Sports and Exercise, 2005, 37, 1014-20.	0.2	17

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145	Correlation of nerve root pain with dermatomal sensory threshold and back pain with spinal movement in single level lumbar spondylosis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86-B, 74-80.	3.4	14
146	Trunk strength patterns in elite rowers. <i>Isokinetics and Exercise Science</i> , 2004, 12, 253-261.	0.2	21
147	A Comparison of Rowing Technique at Different Stroke Rates: A Description of Sequencing, Force Production and Kinematics. <i>International Journal of Sports Medicine</i> , 2004, 25, 465-470.	0.8	74
148	Active Patellar Tracking Measurement. <i>American Journal of Sports Medicine</i> , 2004, 32, 1209-1217.	1.9	38
149	VALIDATION OF THE USE OF A SKIN-MOUNTED DEVICE TO MEASURE OUT-OF-PLANE ROTATIONS OF THE SPINE FOR A ROWING ACTIVITY. <i>Journal of Musculoskeletal Research</i> , 2004, 08, 129-132.	0.1	3
150	THE ASSESSMENT OF THE KINEMATICS OF THE CERVICAL SPINE USING OPEN (INTERVENTIONAL) MRI. <i>Journal of Musculoskeletal Research</i> , 2004, 08, 13-19.	0.1	0
151	Corticospinal activation of internal oblique muscles has a strong ipsilateral component and can be lateralised in man. <i>Experimental Brain Research</i> , 2004, 158, 474-9.	0.7	45
152	Does preoperative hip rehabilitation advice improve recovery and patient satisfaction?. <i>Journal of Arthroplasty</i> , 2004, 19, 464-468.	1.5	95
153	The potential use of spinal motion as a measure of surgical outcome. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2004, 17, 77-82.	0.4	5
154	BACK PAIN AND DISABILITY AFTER LUMBAR LAMINECTOMY: IS THERE A RELATIONSHIP TO MUSCLE RETRACTION?. <i>Neurosurgery</i> , 2004, 54, 1413-1420.	0.6	126
155	Correlation of nerve root pain with dermatomal sensory threshold and back pain with spinal movement in single level lumbar spondylosis. <i>Journal of Bone and Joint Surgery: British Volume</i> , 2004, 86, 74-80.	3.4	4
156	Human corticospinal excitability in microgravity and hypergravity during parabolic flight. <i>Aviation, Space, and Environmental Medicine</i> , 2004, 75, 359-63.	0.6	15
157	Corticospinal excitability in patients with unilateral sciatica. <i>Neuroscience Letters</i> , 2003, 353, 33-36.	1.0	30
158	Modelling multivariate biomechanical measurements of the spine during a rowing exercise. <i>Clinical Biomechanics</i> , 2003, 18, 488-493.	0.5	35
159	Kinematics of Spinal Motion During Prolonged Rowing. <i>International Journal of Sports Medicine</i> , 2003, 24, 597-602.	0.8	64
160	The trunk muscles of elite oarsmen. <i>British Journal of Sports Medicine</i> , 2002, 36, 214-216.	3.1	57
161	Activation of Back Muscles During Voluntary Abduction of the Contralateral Arm in Humans. <i>Spine</i> , 2002, 27, 1355-1360.	1.0	27
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