

# Mark Halaki

## List of Publications by Citations

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**Version:** 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

117  
papers

1,727  
citations

23  
h-index

35  
g-index

129  
ext. papers

2,131  
ext. citations

3.2  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
117	Development and psychometric testing of Korean language versions of 4 neck pain and disability questionnaires. <i>Spine</i> , <b>2006</b> , 31, 1841-5	3.3	100
116	Effect of Training Leading to Repetition Failure on Muscular Strength: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , <b>2016</b> , 46, 487-502	10.6	79
115	Shoulder muscle recruitment patterns during commonly used rotator cuff exercises: an electromyographic study. <i>Physical Therapy</i> , <b>2007</b> , 87, 1039-46	3.3	77
114	The rotator cuff muscles have a direction specific recruitment pattern during shoulder flexion and extension exercises. <i>Journal of Science and Medicine in Sport</i> , <b>2011</b> , 14, 376-82	4.4	67
113	Phenotypic Variability of Childhood Charcot-Marie-Tooth Disease. <i>JAMA Neurology</i> , <b>2016</b> , 73, 645-51	17.2	49
112	A systematic review of the effects of upper body warm-up on performance and injury. <i>British Journal of Sports Medicine</i> , <b>2015</b> , 49, 935-42	10.3	47
111	A comprehensive analysis of muscle recruitment patterns during shoulder flexion: an electromyographic study. <i>Clinical Anatomy</i> , <b>2011</b> , 24, 619-26	2.5	47
110	A predictive model for diagnosing stroke-related apraxia of speech. <i>Neuropsychologia</i> , <b>2016</b> , 81, 129-139	3.2	46
109	Effect of Movement Velocity During Resistance Training on Dynamic Muscular Strength: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , <b>2017</b> , 47, 1603-1617	10.6	45
108	Application of Global Positioning System and Microsensor Technology in Competitive Rugby League Match-Play: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , <b>2016</b> , 46, 559-88	10.6	45
107	A novel scale to assess resistance-exercise effort. <i>Journal of Sports Sciences</i> , <b>2012</b> , 30, 1405-13	3.6	44
106	Submaximal exercise intensity modulates acute post-exercise heart rate variability. <i>European Journal of Applied Physiology</i> , <b>2016</b> , 116, 697-706	3.4	40
105	Human stick balancing: an intermittent control explanation. <i>Biological Cybernetics</i> , <b>2013</b> , 107, 637-52	2.8	34
104	The use of surface electrodes to record infraspinatus activity is not valid at low infraspinatus activation levels. <i>Journal of Electromyography and Kinesiology</i> , <b>2011</b> , 21, 112-8	2.5	33
103	The compatibility of concurrent high intensity interval training and resistance training for muscular strength and hypertrophy: a systematic review and meta-analysis. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 2472-2483	3.6	29
102	Assessing the validity of surface electromyography for recording muscle activation patterns from serratus anterior. <i>Journal of Electromyography and Kinesiology</i> , <b>2014</b> , 24, 221-7	2.5	29
101	Natural history of Charcot-Marie-Tooth disease during childhood. <i>Annals of Neurology</i> , <b>2017</b> , 82, 353-359	3.4	29

100	Accuracy in Estimating Repetitions to Failure During Resistance Exercise. <i>Journal of Strength and Conditioning Research</i> , <b>2017</b> , 31, 2162-2168	3.2	28
99	Systematic nonlinear relations between displacement amplitude and joint mechanics at the human wrist. <i>Journal of Biomechanics</i> , <b>2006</b> , 39, 2171-82	2.9	28
98	Shoulder muscle recruitment patterns during a kayak stroke performed on a paddling ergometer. <i>Journal of Electromyography and Kinesiology</i> , <b>2007</b> , 17, 74-9	2.5	27
97	Olympic weightlifting training improves vertical jump height in sportspeople: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , <b>2016</b> , 50, 865-72	10.3	25
96	Does supraspinatus initiate shoulder abduction?. <i>Journal of Electromyography and Kinesiology</i> , <b>2013</b> , 23, 425-9	2.5	25
95	Does passive mobilization of shoulder region joints provide additional benefit over advice and exercise alone for people who have shoulder pain and minimal movement restriction? A randomized controlled trial. <i>Physical Therapy</i> , <b>2011</b> , 91, 178-89	3.3	23
94	The rotator cuff muscles are activated at low levels during shoulder adduction: an experimental study. <i>Journal of Physiotherapy</i> , <b>2010</b> , 56, 259-64	2.9	23
93	Do surface electrode recordings validly represent latissimus dorsi activation patterns during shoulder tasks?. <i>Journal of Electromyography and Kinesiology</i> , <b>2015</b> , 25, 8-13	2.5	22
92	Direction-specific recruitment of rotator cuff muscles during bench press and row. <i>Journal of Electromyography and Kinesiology</i> , <b>2011</b> , 21, 1041-9	2.5	22
91	Revision of the Shoulder Normalization Tests is required to include rhomboid major and teres major. <i>Journal of Orthopaedic Research</i> , <b>2011</b> , 29, 1846-9	3.8	21
90	Does load influence shoulder muscle recruitment patterns during scapular plane abduction?. <i>Journal of Science and Medicine in Sport</i> , <b>2016</b> , 19, 755-60	4.4	20
89	The effects of moderate to vigorous aerobic exercise on the sleep need of sedentary young adults. <i>Journal of Sports Sciences</i> , <b>2013</b> , 31, 381-6	3.6	20
88	The effect of different kick start positions on OMEGA OSB11 blocks on free swimming time to 15m in developmental level swimmers. <i>Human Movement Science</i> , <b>2014</b> , 34, 178-86	2.4	19
87	Measuring lifting forces in rock climbing: effect of hold size and fingertip structure. <i>Journal of Applied Biomechanics</i> , <b>2011</b> , 27, 40-6	1.2	19
86	A Study of Right Shoulder Injury in Collegiate and Professional Orchestral Cellists: An Investigation Using Questionnaires and Physical Assessment. <i>Medical Problems of Performing Artists</i> , <b>2012</b> , 27, 65-73	0.6	18
85	Effect of movement velocity during resistance training on muscle-specific hypertrophy: A systematic review. <i>European Journal of Sport Science</i> , <b>2018</b> , 18, 473-482	3.9	17
84	The Effect of Resistance Training in Women on Dynamic Strength and Muscular Hypertrophy: A Systematic Review with Meta-analysis. <i>Sports Medicine</i> , <b>2020</b> , 50, 1075-1093	10.6	17
83	Static optimization underestimates antagonist muscle activity at the glenohumeral joint: A musculoskeletal modeling study. <i>Journal of Biomechanics</i> , <b>2019</b> , 97, 109348	2.9	16

82	Independent assessment of pattern and offset variability of time series waveforms. <i>Gait and Posture</i> , <b>2009</b> , 29, 285-9	2.6	16
81	Leisure time physical activity participation in individuals with spinal cord injury in Malaysia: barriers to exercise. <i>Spinal Cord</i> , <b>2018</b> , 56, 806-818	2.7	15
80	Humeral torsion and shoulder rotation range of motion parameters in elite swimmers. <i>Journal of Science and Medicine in Sport</i> , <b>2017</b> , 20, 469-474	4.4	14
79	Cognitive effects of video games in older adults and their moderators: a systematic review with meta-analysis and meta-regression. <i>Aging and Mental Health</i> , <b>2020</b> , 24, 841-856	3.5	14
78	An Investigation of Compensation and Adaptation to Auditory Perturbations in Individuals With Acquired Apraxia of Speech. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 510	3.3	14
77	Injury Patterns, Physiological Profile, and Performance in University Rugby Union. <i>International Journal of Sports Physiology and Performance</i> , <b>2018</b> , 13, 69-74	3.5	13
76	Rotator cuff muscles perform different functional roles during shoulder external rotation exercises. <i>Clinical Anatomy</i> , <b>2013</b> , 26, 236-43	2.5	13
75	A new paradigm for human stick balancing: a suspended not an inverted pendulum. <i>Experimental Brain Research</i> , <b>2012</b> , 221, 309-28	2.3	13
74	Changes in Bench Press Velocity and Power After 8 Weeks of High-Load Cluster- or Traditional-Set Structures. <i>Journal of Strength and Conditioning Research</i> , <b>2020</b> , 34, 2734-2742	3.2	13
73	Evidence of viscerally-mediated cold-defence thermoeffector responses in man. <i>Journal of Physiology</i> , <b>2017</b> , 595, 1201-1212	3.9	12
72	Does changing the plane of abduction influence shoulder muscle recruitment patterns in healthy individuals?. <i>Manual Therapy</i> , <b>2016</b> , 21, 63-8		11
71	Balance impairment in pediatric charcot-marie-tooth disease. <i>Muscle and Nerve</i> , <b>2019</b> , 60, 242-249	3.4	11
70	EMG amplitude, fatigue threshold, and time to task failure: A meta-analysis. <i>Journal of Science and Medicine in Sport</i> , <b>2018</b> , 21, 736-741	4.4	11
69	An Exploration of the Perception of Dance and Its Relation to Biomechanical Motion: A Systematic Review and Narrative Synthesis. <i>Journal of Dance Medicine and Science</i> , <b>2016</b> , 20, 127-36	0.7	11
68	Energetic and Metabolic Power Demands of National Rugby League Match-Play. <i>International Journal of Sports Medicine</i> , <b>2016</b> , 37, 552-8	3.6	11
67	Energetic Demands of Interchange and Full-Match Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , <b>2018</b> , 32, 3447-3455	3.2	10
66	A review on the coordinative structure of human walking and the application of principal component analysis. <i>Neural Regeneration Research</i> , <b>2013</b> , 8, 662-70	4.5	10
65	The effects of fabric for sleepwear and bedding on sleep at ambient temperatures of 17°C and 22°C. <i>Nature and Science of Sleep</i> , <b>2016</b> , 8, 121-31	3.6	10

64	Acute Warm-up Effects in Submaximal Athletes: An EMG Study of Skilled Violinists. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 307-15	1.2	10
63	Relationship between physical performance and quality of life in Charcot-Marie-Tooth disease: a pilot study. <i>Journal of the Peripheral Nervous System</i> , <b>2016</b> , 21, 357-364	4.7	10
62	Movement Demands of Rugby Sevens in Men and Women: A Systematic Review and Meta-Analysis. <i>Journal of Strength and Conditioning Research</i> , <b>2019</b> , 33, 3475-3490	3.2	10
61	Does muscle guarding play a role in range of motion loss in patients with frozen shoulder?. <i>Musculoskeletal Science and Practice</i> , <b>2018</b> , 37, 64-68	2.4	10
60	Reliability and comparative validity of a Diet Quality Index for assessing dietary patterns of preschool-aged children in Sydney, Australia. <i>European Journal of Clinical Nutrition</i> , <b>2018</b> , 72, 464-468	5.2	9
59	Estimation of Repetitions to Failure for Monitoring Resistance Exercise Intensity: Building a Case for Application. <i>Journal of Strength and Conditioning Research</i> , <b>2018</b> , 32, 1352-1359	3.2	9
58	The difference between standing and sitting in 3 different seat inclinations on abdominal muscle activity and chest and abdominal expansion in woodwind and brass musicians. <i>Frontiers in Psychology</i> , <b>2014</b> , 5, 913	3.4	9
57	Identifying coordinative structure using principal component analysis based on coherence derived from linear systems analysis. <i>Journal of Motor Behavior</i> , <b>2013</b> , 45, 167-79	1.4	9
56	Training volume and soft tissue injury in professional and non-professional rugby union players: a systematic review. <i>British Journal of Sports Medicine</i> , <b>2017</b> , 51, 1012-1020	10.3	8
55	Positional Differences in External On-Field Load During Specific Drill Classifications Over a Professional Rugby League Preseason. <i>International Journal of Sports Physiology and Performance</i> , <b>2017</b> , 12, 764-776	3.5	8
54	Effects of a 12-Week Modified German Volume Training Program on Muscle Strength and Hypertrophy-A Pilot Study. <i>Sports</i> , <b>2018</b> , 6,	3	8
53	An EMG assessment of Front Row Rugby Union Scrummaging. <i>International Journal of Performance Analysis in Sport</i> , <b>2014</b> , 14, 225-237	1.8	8
52	Exergaming for Individuals with Spinal Cord Injury: A Pilot Study. <i>Games for Health Journal</i> , <b>2017</b> , 6, 279-289	4.2	7
51	Role of the kinetic chain in shoulder rehabilitation: does incorporating the trunk and lower limb into shoulder exercise regimes influence shoulder muscle recruitment patterns? Systematic review of electromyography studies. <i>BMJ Open Sport and Exercise Medicine</i> , <b>2020</b> , 6, e000683	3.4	7
50	Malaysian adaptation of the physical activity scale for individuals with physical disabilities in individuals with spinal cord injury. <i>Disability and Rehabilitation</i> , <b>2020</b> , 42, 2067-2075	2.4	7
49	Perinatal depression in Pakistan: A systematic review and meta-analysis. <i>Birth</i> , <b>2021</b> , 48, 149-163	3.1	7
48	Systematic nonlinear relations between joint mechanics and the neural reflex response with changes in stretch amplitude at the wrist. <i>Journal of Biomechanics</i> , <b>2012</b> , 45, 2755-62	2.9	6
47	Effects of Physical Symptoms on Muscle Activity Levels in Skilled Violinists. <i>Medical Problems of Performing Artists</i> , <b>2016</b> , 31, 125-31	0.6	6

46	Magnetic resonance imaging of the anterior compartment of the lower leg is a biomarker for weakness, disability, and impaired gait in childhood Charcot-Marie-Tooth disease. <i>Muscle and Nerve</i> , <b>2019</b> , 59, 213-217	3.4	6
45	Acute changes in kinematic and muscle activity patterns in habitually shod rearfoot strikers while running barefoot. <i>Journal of Sports Sciences</i> , <b>2016</b> , 34, 75-87	3.6	5
44	Ergonomics in violin and piano playing: A systematic review. <i>Applied Ergonomics</i> , <b>2020</b> , 88, 103143	4.2	5
43	The effects of choral singing on communication impairments in acquired brain injury: A systematic review. <i>International Journal of Language and Communication Disorders</i> , <b>2020</b> , 55, 303-319	2.9	5
42	The use of fine-wire EMG to investigate shoulder muscle recruitment patterns during cello bowing: the results of a pilot study. <i>Journal of Electromyography and Kinesiology</i> , <b>2013</b> , 23, 1261-8	2.5	5
41	Surface electromyography of neck strap muscles for estimating the intended pitch of a bionic voice source <b>2014</b> ,		5
40	Relationship Between Proprioception and Pain and Disability in People With Non-Specific Low Back Pain: A Systematic Review With Meta-Analysis. <i>Spine</i> , <b>2019</b> , 44, E606-E617	3.3	5
39	A study of right shoulder injury in collegiate and professional orchestral cellists: an investigation using questionnaires and physical assessment. <i>Medical Problems of Performing Artists</i> , <b>2012</b> , 27, 65-73	0.6	5
38	The effects of multi-stage exercise with and without concurrent cognitive performance on cardiorespiratory and cerebral haemodynamic responses. <i>European Journal of Applied Physiology</i> , <b>2018</b> , 118, 2121-2132	3.4	4
37	Is subscapularis recruited in a similar manner during shoulder internal rotation exercises and belly press and lift off tests?. <i>Journal of Science and Medicine in Sport</i> , <b>2017</b> , 20, 566-571	4.4	4
36	Tracking Preschoolers' Lifestyle Behaviors and Testing Maternal Sociodemographics and BMI in Predicting Child Obesity Risk. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 3068-3074	4.1	4
35	An investigation of the effects of a speech-restructuring treatment for stuttering on the distribution of intervals of phonation. <i>Journal of Fluency Disorders</i> , <b>2016</b> , 50, 13-22	2.3	4
34	Shoulder muscle activation patterns and levels differ between open and closed-chain abduction. <i>Journal of Science and Medicine in Sport</i> , <b>2018</b> , 21, 462-466	4.4	4
33	The effectiveness of EMG-driven neuromusculoskeletal model calibration is task dependent. <i>Journal of Biomechanics</i> , <b>2021</b> , 129, 110698	2.9	4
32	Experimental shoulder pain models do not validly replicate the clinical experience of shoulder pain. <i>Scandinavian Journal of Pain</i> , <b>2019</b> , 20, 167-174	1.9	3
31	Is the Normal Shoulder Rotation Strength Ratio Altered in Elite Swimmers?. <i>Medicine and Science in Sports and Exercise</i> , <b>2020</b> , 52, 680-684	1.2	3
30	Australian athletes' knowledge of the WADA Prohibited Substances List and performance enhancing substances. <i>International Journal of Drug Policy</i> , <b>2018</b> , 56, 40-45	5.5	3
29	Mother-child dietary behaviours and their observed associations with socio-demographic factors: findings from the Healthy Beginnings Trial. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 464-471	3.6	3

28	The impact of sleepwear fiber type on sleep quality under warm ambient conditions. <i>Nature and Science of Sleep</i> , <b>2019</b> , 11, 167-178	3.6	3
27	The periodicity of sleep duration - an infradian rhythm in spontaneous living. <i>Nature and Science of Sleep</i> , <b>2013</b> , 5, 1-6	3.6	3
26	Whole-body kinematics and coordination in a complex dance sequence: Differences across skill levels. <i>Human Movement Science</i> , <b>2020</b> , 69, 102564	2.4	3
25	Understanding training needs in eating disorders of graduating and new graduate dietitians in Australia: an online survey. <i>Journal of Eating Disorders</i> , <b>2021</b> , 9, 27	4.1	3
24	A solid swing and [contact [or miss]? Commentary on "Towards a Grand Unified Theory of sports performance". <i>Human Movement Science</i> , <b>2017</b> , 56, 163-165	2.4	2
23	Whole-body angular momentum in a complex dance sequence: Differences across skill levels. <i>Human Movement Science</i> , <b>2019</b> , 67, 102512	2.4	2
22	Perceptual and motor learning underlies human stick-balancing skill. <i>Journal of Neurophysiology</i> , <b>2015</b> , 113, 156-71	3.2	2
21	Do surface electrodes validly represent lower trapezius activation patterns during shoulder tasks?. <i>Journal of Electromyography and Kinesiology</i> , <b>2020</b> , 53, 102427	2.5	2
20	Associated reactions during a visual pursuit position tracking task in hemiplegic and quadriplegic cerebral palsy. <i>Chinese Journal of Physiology</i> , <b>2013</b> , 56, 117-26	1.6	2
19	Player Activity Profiles in the Australian Second-Tier Rugby League Competitions. <i>International Journal of Sports Physiology and Performance</i> , <b>2016</b> , 11, 816-823	3.5	2
18	Acute Effect of Kettlebell Swings on Sprint Performance. <i>Sports</i> , <b>2019</b> , 7,	3	2
17	Body composition and its association with physical performance, quality of life, and clinical indicators in Charcot-Marie-Tooth disease: a pilot study. <i>Disability and Rehabilitation</i> , <b>2019</b> , 41, 405-412	2.4	2
16	Nutritional parameters associated with hospital admissions in patients being treated for head and neck cancer. <i>Supportive Care in Cancer</i> , <b>2020</b> , 28, 341-349	3.9	2
15	Established and novel measures of upper limb impairment in children with Charcot-Marie-tooth disease type 1A and riboflavin transporter deficiency type 2. <i>Journal of the Peripheral Nervous System</i> , <b>2018</b> , 23, 29-35	4.7	2
14	Is training age predictive of physiological performance changes in developmental rugby league players? A prospective longitudinal study. <i>International Journal of Sports Science and Coaching</i> , <b>2020</b> , 15, 306-315	1.8	1
13	<b>2019</b> ,		1
12	Study protocol for a randomised controlled trial investigating two different refeeding formulations to improve safety and efficacy of hospital management of adolescent and young adults admitted with anorexia nervosa. <i>BMJ Open</i> , <b>2020</b> , 10, e038242	3	1
11	Conversational speech of school-age children after syllable-timed speech treatment for stuttering. <i>International Journal of Speech-Language Pathology</i> , <b>2021</b> , 1-11	2.1	1

10	Identifying predictors of patient radiation dose during uterine artery embolisation. <i>Journal of Medical Radiation Sciences</i> , <b>2021</b> , 68, 131-138	1.5	1
9	UTERINE ARTERY EMBOLISATION: CONTINUOUS QUALITY IMPROVEMENT REDUCES RADIATION DOSE WHILE MAINTAINING IMAGE QUALITY. <i>Radiation Protection Dosimetry</i> , <b>2021</b> , 196, 159-166	0.9	1
8	Movement Demands and Injury Characteristics in Under-20-Years University Rugby Union Players. <i>Journal of Athletic Training</i> , <b>2020</b> , 55, 376-383	4	0
7	A standard enteral formula versus an iso-caloric lower carbohydrate/high fat enteral formula in the hospital management of adolescent and young adults admitted with anorexia nervosa: a randomised controlled trial.. <i>Journal of Eating Disorders</i> , <b>2021</b> , 9, 160	4.1	0
6	High intensity power training in middle-aged women with Charcot-Marie-Tooth disease: a case series. <i>International Journal of Therapy and Rehabilitation</i> , <b>2021</b> , 28, 1-12	0.4	0
5	Epidemiology of injuries in Australian junior rugby league players. <i>Journal of Science and Medicine in Sport</i> , <b>2021</b> , 24, 241-246	4.4	0
4	Response to Letter to the Editor. <i>Journal of Fluency Disorders</i> , <b>2017</b> , 53, 55-57	2.3	
3	Analysis of phase detects altered timing of muscle activation in subjects with chronic shoulder pain. <i>Journal of Electromyography and Kinesiology</i> , <b>2021</b> , 62, 102621	2.5	
2	Acute experimentally-induced pain replicates the distribution but not the quality or behaviour of clinical appendicular musculoskeletal pain. A systematic review. <i>Scandinavian Journal of Pain</i> , <b>2021</b> , 21, 217-237	1.9	
1	Interaction between hand span and different sizes of keyboards on EMG activity in pianists: An observational study. <i>Applied Ergonomics</i> , <b>2021</b> , 97, 103518	4.2	