

Mark Halaki

List of Publications by Year in descending order

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Version: 2024-02-01

128
papers

2,546
citations

201674

27
h-index

265206

42
g-index

129
all docs

129
docs citations

129
times ranked

2922
citing authors

#	ARTICLE	IF	CITATIONS
1	The facilitators and barriers to exercise in the Noongar Aboriginal population in Perth, Australia. <i>Health Promotion International</i> , 2023, 38, .	1.8	1
2	Analysis of phase detects altered timing of muscle activation in subjects with chronic shoulder pain. <i>Journal of Electromyography and Kinesiology</i> , 2022, 62, 102621.	1.7	1
3	Predictors of radiation dose for uterine artery embolisation are angiography system-dependent. <i>Journal of Radiological Protection</i> , 2022, 42, 011502.	1.1	1
4	Effect of high-volume cluster sets versus lower-volume traditional sets on muscular performance. <i>Journal of Sports Medicine and Physical Fitness</i> , 2022, 62, .	0.7	1
5	Risk factors of paternal postnatal depression in Pakistan: Findings from an urban sample. <i>Australian Journal of Cancer Nursing</i> , 2022, 24, 618-624.	1.6	5
6	Epidemiology of injuries in Australian junior rugby league players. <i>Journal of Science and Medicine in Sport</i> , 2021, 24, 241-246.	1.3	8
7	Identifying predictors of patient radiation dose during uterine artery embolisation. <i>Journal of Medical Radiation Sciences</i> , 2021, 68, 131-138.	1.5	3
8	Understanding training needs in eating disorders of graduating and new graduate dietitians in Australia: an online survey. <i>Journal of Eating Disorders</i> , 2021, 9, 27.	2.7	13
9	Perinatal depression in Pakistan: A systematic review and meta-analysis. <i>Birth</i> , 2021, 48, 149-163.	2.2	26
10	High intensity power training in middle-aged women with Charcot-Marie-Tooth disease: a case series. <i>International Journal of Therapy and Rehabilitation</i> , 2021, 28, 1-12.	0.3	3
11	Conversational speech of school-age children after syllable-timed speech treatment for stuttering. <i>International Journal of Speech-Language Pathology</i> , 2021, , 1-11.	1.2	3
12	Uterine Artery Embolisation: Continuous Quality Improvement Reduces Radiation dose While Maintaining Image Quality. <i>Radiation Protection Dosimetry</i> , 2021, 196, 159-166.	0.8	2
13	Interaction between hand span and different sizes of keyboards on EMG activity in pianists: An observational study. <i>Applied Ergonomics</i> , 2021, 97, 103518.	3.1	2
14	The effectiveness of EMG-driven neuromusculoskeletal model calibration is task dependent. <i>Journal of Biomechanics</i> , 2021, 129, 110698.	2.1	15
15	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> , 2021, 21, 217-237.	1.3	4
16	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> , 2021, 9, 160.	2.7	7
17	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> , 2020, 24, 841-856.	2.8	26
18	Malaysian adaptation of the physical activity scale for individuals with physical disabilities in individuals with spinal cord injury. <i>Disability and Rehabilitation</i> , 2020, 42, 2067-2075.	1.8	8

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19	Nutritional parameters associated with hospital admissions in patients being treated for head and neck cancer. <i>Supportive Care in Cancer</i> , 2020, 28, 341-349.	2.2	5
20	Whole-body kinematics and coordination in a complex dance sequence: Differences across skill levels. <i>Human Movement Science</i> , 2020, 69, 102564.	1.4	11
21	The Effect of Resistance Training in Women on Dynamic Strength and Muscular Hypertrophy: A Systematic Review with Meta-analysis. <i>Sports Medicine</i> , 2020, 50, 1075-1093.	6.5	34
22	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> , 2020, 34, 2734-2742.	2.1	18
23	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> , 2020, 10, e038242.	1.9	2
24	Tracking Preschoolers's Lifestyle Behaviors and Testing Maternal Sociodemographics and BMI in Predicting Child Obesity Risk. <i>Journal of Nutrition</i> , 2020, 150, 3068-3074.	2.9	12
25	Do surface electrodes validly represent lower trapezius activation patterns during shoulder tasks?. <i>Journal of Electromyography and Kinesiology</i> , 2020, 53, 102427.	1.7	3
26	Ergonomics in violin and piano playing: A systematic review. <i>Applied Ergonomics</i> , 2020, 88, 103143.	3.1	17
27	Movement Demands and Injury Characteristics in Under-20-Years University Rugby Union Players. <i>Journal of Athletic Training</i> , 2020, 55, 376-383.	1.8	2
28	The effects of choral singing on communication impairments in acquired brain injury: A systematic review. <i>International Journal of Language and Communication Disorders</i> , 2020, 55, 303-319.	1.5	12
29	Is the Normal Shoulder Rotation Strength Ratio Altered in Elite Swimmers?. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 680-684.	0.4	9
30	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> , 2020, 6, e000683.	2.9	17
31	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> , 2020, 15, 306-315.	1.4	4
32	<p>The impact of sleepwear fiber type on sleep quality under warm ambient conditions</p>. <i>Nature and Science of Sleep</i> , 2019, Volume 11, 167-178.	2.7	7
33	Static optimization underestimates antagonist muscle activity at the glenohumeral joint: A musculoskeletal modeling study. <i>Journal of Biomechanics</i> , 2019, 97, 109348.	2.1	43
34	Arm Exercises for Individuals with Spinal Cord Injury: Exergaming versus Arm Cranking. , 2019, , .		1
35	Experimental shoulder pain models do not validly replicate the clinical experience of shoulder pain. <i>Scandinavian Journal of Pain</i> , 2019, 20, 167-174.	1.3	3
36	Associations between Perceptual Fatigue and Accuracy of Estimated Repetitions to Failure during Resistance Exercises. <i>Journal of Functional Morphology and Kinesiology</i> , 2019, 4, 56.	2.4	0

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37	Whole-body angular momentum in a complex dance sequence: Differences across skill levels. <i>Human Movement Science</i> , 2019, 67, 102512.	1.4	2
38	Balance impairment in pediatric charcotâ€“marieâ€“tooth disease. <i>Muscle and Nerve</i> , 2019, 60, 242-249.	2.2	22
39	Acute Effect of Kettlebell Swings on Sprint Performance. <i>Sports</i> , 2019, 7, 36.	1.7	3
40	Relationship Between Proprioception and Pain and Disability in People With Non-Specific Low Back Pain. <i>Spine</i> , 2019, 44, E606-E617.	2.0	20
41	Movement Demands of Rugby Sevens in Men and Women: A Systematic Review and Meta-Analysis. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 3475-3490.	2.1	25
42	Magnetic resonance imaging of the anterior compartment of the lower leg is a biomarker for weakness, disability, and impaired gait in childhood Charcotâ€“Marieâ€“Tooth disease. <i>Muscle and Nerve</i> , 2019, 59, 213-217.	2.2	7
43	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> , 2019, 41, 405-412.	1.8	5
44	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> , 2018, 72, 464-468.	2.9	11
45	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> , 2018, 36, 2472-2483.	2.0	49
46	Leisure time physical activity participation in individuals with spinal cord injury in Malaysia: barriers to exercise. <i>Spinal Cord</i> , 2018, 56, 806-818.	1.9	24
47	Estimation of Repetitions to Failure for Monitoring Resistance Exercise Intensity: Building a Case for Application. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 1352-1359.	2.1	19
48	Effect of movement velocity during resistance training on muscleâ€“specific hypertrophy: A systematic review. <i>European Journal of Sport Science</i> , 2018, 18, 473-482.	2.7	26
49	EMG amplitude, fatigue threshold, and time to task failure: A meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 736-741.	1.3	19
50	Australian athletesâ€™ knowledge of the WADA Prohibited Substances List and performance enhancing substances. <i>International Journal of Drug Policy</i> , 2018, 56, 40-45.	3.3	6
51	Motherâ€“child dietary behaviours and their observed associations with socio-demographic factors: findings from the Healthy Beginnings Trial. <i>British Journal of Nutrition</i> , 2018, 119, 464-471.	2.3	5
52	Injury Patterns, Physiological Profile, and Performance in University Rugby Union. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 69-74.	2.3	20
53	Energetic Demands of Interchange and Full-Match Rugby League Players. <i>Journal of Strength and Conditioning Research</i> , 2018, 32, 3447-3455.	2.1	13
54	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> , 2018, 23, 29-35.	3.1	3

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55	Shoulder muscle activation patterns and levels differ between open and closed-chain abduction. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 462-466.	1.3	8
56	An Investigation of Compensation and Adaptation to Auditory Perturbations in Individuals With Acquired Apraxia of Speech. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 510.	2.0	25
57	Does muscle guarding play a role in range of motion loss in patients with frozen shoulder?. <i>Musculoskeletal Science and Practice</i> , 2018, 37, 64-68.	1.3	32
58	Effects of a 12-Week Modified German Volume Training Program on Muscle Strength and Hypertrophyâ€”A Pilot Study. <i>Sports</i> , 2018, 6, 7.	1.7	12
59	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> , 2018, 118, 2121-2132.	2.5	4
60	Effect of Movement Velocity During Resistance Training on Dynamic Muscular Strength: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2017, 47, 1603-1617.	6.5	67
61	Training volume and soft tissue injury in professional and non-professional rugby union players: a systematic review. <i>British Journal of Sports Medicine</i> , 2017, 51, 1012-1020.	6.7	11
62	A solid swing and â€ contact [or miss]? Commentary on â€œTowards a Grand Unified Theory of sports performanceâ€•. <i>Human Movement Science</i> , 2017, 56, 163-165.	1.4	2
63	Accuracy in Estimating Repetitions to Failure During Resistance Exercise. <i>Journal of Strength and Conditioning Research</i> , 2017, 31, 2162-2168.	2.1	40
64	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> , 2017, 12, 764-776.	2.3	10
65	Exergaming for Individuals with Spinal Cord Injury: A Pilot Study. <i>Games for Health Journal</i> , 2017, 6, 279-289.	2.0	12
66	Natural history of Charcotâ€Marieâ€Tooth disease during childhood. <i>Annals of Neurology</i> , 2017, 82, 353-359.	5.3	50
67	Response to Letter to the Editor. <i>Journal of Fluency Disorders</i> , 2017, 53, 55-57.	1.7	0
68	Evidence of viscerallyâ€mediated coldâ€defence thermoeffector responses in man. <i>Journal of Physiology</i> , 2017, 595, 1201-1212.	2.9	17
69	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> , 2017, 20, 566-571.	1.3	7
70	Humeral torsion and shoulder rotation range of motion parameters in elite swimmers. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 469-474.	1.3	15
71	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> , 2016, 8, 121.	2.7	14
72	Effects of Physical Symptoms on Muscle Activity Levels in Skilled Violinists. <i>Medical Problems of Performing Artists</i> , 2016, 31, 125-131.	0.4	10

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73	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> , 2016, 20, 127-136.	0.7	16
74	Acute Warm-up Effects in Submaximal Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 307-315.	0.4	17
75	Player Activity Profiles in the Australian Second-Tier Rugby League Competitions. <i>International Journal of Sports Physiology and Performance</i> , 2016, 11, 816-823.	2.3	3
76	Phenotypic Variability of Childhood Charcot-Marie-Tooth Disease. <i>JAMA Neurology</i> , 2016, 73, 645.	9.0	71
77	Energetic and Metabolic Power Demands of National Rugby League Match-Play. <i>International Journal of Sports Medicine</i> , 2016, 37, 552-558.	1.7	15
78	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> , 2016, 50, 13-22.	1.7	6
79	Relationship between physical performance and quality of life in Charcot-Marie-Tooth disease: a pilot study. <i>Journal of the Peripheral Nervous System</i> , 2016, 21, 357-364.	3.1	13
80	EMG Changes In Fatigue. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 846.	0.4	0
81	Submaximal exercise intensity modulates acute post-exercise heart rate variability. <i>European Journal of Applied Physiology</i> , 2016, 116, 697-706.	2.5	55
82	Application of Global Positioning System and Microsensor Technology in Competitive Rugby League Match-Play: A Systematic Review and Meta-analysis. <i>Sports Medicine</i> , 2016, 46, 559-588.	6.5	64
83	Effect of Training Leading to Repetition Failure on Muscular Strength: A Systematic Review and Meta-Analysis. <i>Sports Medicine</i> , 2016, 46, 487-502.	6.5	100
84	A predictive model for diagnosing stroke-related apraxia of speech. <i>Neuropsychologia</i> , 2016, 81, 129-139.	1.6	69
85	Does load influence shoulder muscle recruitment patterns during scapular plane abduction?. <i>Journal of Science and Medicine in Sport</i> , 2016, 19, 755-760.	1.3	26
86	Olympic weightlifting training improves vertical jump height in sportspeople: a systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2016, 50, 865-872.	6.7	42
87	Does changing the plane of abduction influence shoulder muscle recruitment patterns in healthy individuals?. <i>Manual Therapy</i> , 2016, 21, 63-68.	1.6	13
88	Acute changes in kinematic and muscle activity patterns in habitually shod rearfoot strikers while running barefoot. <i>Journal of Sports Sciences</i> , 2016, 34, 75-87.	2.0	6
89	Effect Of Core Muscle, Cardiovascular, And On-instrument Warm-up On Muscle Load Patterns In Elite Violinists. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 856.	0.4	0
90	Energetic And Metabolic Power Demands Of Australian National Rugby League match play. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 765.	0.4	0

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91	Do surface electrode recordings validly represent latissimus dorsi activation patterns during shoulder tasks?. <i>Journal of Electromyography and Kinesiology</i> , 2015, 25, 8-13.	1.7	24
92	A systematic review of the effects of upper body warm-up on performance and injury. <i>British Journal of Sports Medicine</i> , 2015, 49, 935-942.	6.7	73
93	Perceptual and motor learning underlies human stick-balancing skill. <i>Journal of Neurophysiology</i> , 2015, 113, 156-171.	1.8	4
94	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> , 2014, 5, 913.	2.1	18
95	Surface electromyography of neck strap muscles for estimating the intended pitch of a bionic voice source. , 2014, , .		7
96	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> , 2014, 34, 178-186.	1.4	28
97	Assessing the validity of surface electromyography for recording muscle activation patterns from serratus anterior. <i>Journal of Electromyography and Kinesiology</i> , 2014, 24, 221-227.	1.7	33
98	An EMG assessment of Front Row Rugby Union Scrummaging. <i>International Journal of Performance Analysis in Sport</i> , 2014, 14, 225-237.	1.1	9
99	Effect of Exercise Intensity on Heart Rate Variability during Exercise and Post-exercise Recovery. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 750.	0.4	0
100	Development of a sliding stretcher FES-rowing system. , 2014, , .		0
101	A Systematic Review of Warm-Up in Upper Extremity Athletes in Music and Sport. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 148.	0.4	0
102	Rotator cuff muscles perform different functional roles during shoulder external rotation exercises. <i>Clinical Anatomy</i> , 2013, 26, 236-243.	2.7	15
103	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> , 2013, 23, 1261-1268.	1.7	6
104	Human stick balancing: an intermittent control explanation. <i>Biological Cybernetics</i> , 2013, 107, 637-652.	1.3	40
105	Does supraspinatus initiate shoulder abduction?. <i>Journal of Electromyography and Kinesiology</i> , 2013, 23, 425-429.	1.7	32
106	The effects of moderate to vigorous aerobic exercise on the sleep need of sedentary young adults. <i>Journal of Sports Sciences</i> , 2013, 31, 381-386.	2.0	30
107	The periodicity of sleep duration – an infradian rhythm in spontaneous living. <i>Nature and Science of Sleep</i> , 2013, 5, 1.	2.7	8
108	Identifying Coordinative Structure Using Principal Component Analysis Based on Coherence Derived From Linear Systems Analysis. <i>Journal of Motor Behavior</i> , 2013, 45, 167-179.	0.9	11

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109	A review on the coordinative structure of human walking and the application of principal component analysis. <i>Neural Regeneration Research</i> , 2013, 8, 662-70.	3.0	17
110	Associated Reactions during a Visual Pursuit Position Tracking Task in Hemiplegic and Quadriplegic Cerebral Palsy. <i>Chinese Journal of Physiology</i> , 2013, 56, 117-26.	1.0	2
111	Systematic nonlinear relations between joint mechanics and the neural reflex response with changes in stretch amplitude at the wrist. <i>Journal of Biomechanics</i> , 2012, 45, 2755-2762.	2.1	6
112	A novel scale to assess resistance-exercise effort. <i>Journal of Sports Sciences</i> , 2012, 30, 1405-1413.	2.0	60
113	A new paradigm for human stick balancing: a suspended not an inverted pendulum. <i>Experimental Brain Research</i> , 2012, 221, 309-328.	1.5	17
114	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> , 2012, 27, 65-73.	0.4	22
115	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> , 2012, 27, 65-73.	0.4	8
116	The use of surface electrodes to record infraspinatus activity is not valid at low infraspinatus activation levels. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 112-118.	1.7	36
117	Direction-specific recruitment of rotator cuff muscles during bench press and row. <i>Journal of Electromyography and Kinesiology</i> , 2011, 21, 1041-1049.	1.7	27
118	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> , 2011, 91, 178-189.	2.4	32
119	Measuring Lifting Forces in Rock Climbing: Effect of Hold Size and Fingertip Structure. <i>Journal of Applied Biomechanics</i> , 2011, 27, 40-46.	0.8	23
120	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> , 2011, 14, 376-382.	1.3	75
121	Revision of the Shoulder Normalization tests is required to include rhomboid major and teres major. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1846-1849.	2.3	27
122	A comprehensive analysis of muscle recruitment patterns during shoulder flexion: An electromyographic study. <i>Clinical Anatomy</i> , 2011, 24, 619-626.	2.7	60
123	The rotator cuff muscles are activated at low levels during shoulder adduction: an experimental study. <i>Journal of Physiotherapy</i> , 2010, 56, 259-264.	1.7	29
124	Independent assessment of pattern and offset variability of time series waveforms. <i>Gait and Posture</i> , 2009, 29, 285-289.	1.4	25
125	Shoulder muscle recruitment patterns during a kayak stroke performed on a paddling ergometer. <i>Journal of Electromyography and Kinesiology</i> , 2007, 17, 74-79.	1.7	40
126	Shoulder Muscle Recruitment Patterns During Commonly Used Rotator Cuff Exercises: An Electromyographic Study. <i>Physical Therapy</i> , 2007, 87, 1039-1046.	2.4	88

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127	Development and Psychometric Testing of Korean Language Versions of 4 Neck Pain and Disability Questionnaires. Spine, 2006, 31, 1841-1845.	2.0	110
128	Systematic nonlinear relations between displacement amplitude and joint mechanics at the human wrist. Journal of Biomechanics, 2006, 39, 2171-2182.	2.1	33