Mark Halaki

List of Publications by Year
in descending order

128	2,546	201674	265206
papers	citations	27 h-index	42 g-index

129	129	129	2922
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Development and Psychometric Testing of Korean Language Versions of 4 Neck Pain and Disability Questionnaires. Spine, 2006, 31, 1841-1845.	2.0	110
2	Effect of Training Leading to Repetition Failure on Muscular Strength: A Systematic Review and Meta-Analysis. Sports Medicine, 2016, 46, 487-502.	6.5	100
3	Shoulder Muscle Recruitment Patterns During Commonly Used Rotator Cuff Exercises: An Electromyographic Study. Physical Therapy, 2007, 87, 1039-1046.	2.4	88
4	The rotator cuff muscles have a direction specific recruitment pattern during shoulder flexion and extension exercises. Journal of Science and Medicine in Sport, 2011, 14, 376-382.	1.3	75
5	A systematic review of the effects of upper body warm-up on performance and injury. British Journal of Sports Medicine, 2015, 49, 935-942.	6.7	73
6	Phenotypic Variability of Childhood Charcot-Marie-Tooth Disease. JAMA Neurology, 2016, 73, 645.	9.0	71
7	A predictive model for diagnosing stroke-related apraxia of speech. Neuropsychologia, 2016, 81, 129-139.	1.6	69
8	Effect of Movement Velocity During Resistance Training on Dynamic Muscular Strength: A Systematic Review and Meta-Analysis. Sports Medicine, 2017, 47, 1603-1617.	6.5	67
9	Application of Global Positioning System and Microsensor Technology in Competitive Rugby League Match-Play: A Systematic Review and Meta-analysis. Sports Medicine, 2016, 46, 559-588.	6.5	64
10	A comprehensive analysis of muscle recruitment patterns during shoulder flexion: An electromyographic study. Clinical Anatomy, 2011, 24, 619-626.	2.7	60
11	A novel scale to assess resistance-exercise effort. Journal of Sports Sciences, 2012, 30, 1405-1413.	2.0	60
12	Submaximal exercise intensity modulates acute post-exercise heart rate variability. European Journal of Applied Physiology, 2016, 116, 697-706.	2.5	55
13	Natural history of Charcotâ€Marieâ€Tooth disease during childhood. Annals of Neurology, 2017, 82, 353-359.	5.3	50
14	The compatibility of concurrent high intensity interval training and resistance training for muscular strength and hypertrophy: a systematic review and meta-analysis. Journal of Sports Sciences, 2018, 36, 2472-2483.	2.0	49
15	Static optimization underestimates antagonist muscle activity at the glenohumeral joint: A musculoskeletal modeling study. Journal of Biomechanics, 2019, 97, 109348.	2.1	43
16	Olympic weightlifting training improves vertical jump height in sportspeople: a systematic review with meta-analysis. British Journal of Sports Medicine, 2016, 50, 865-872.	6.7	42
17	Shoulder muscle recruitment patterns during a kayak stroke performed on a paddling ergometer. Journal of Electromyography and Kinesiology, 2007, 17, 74-79.	1.7	40
18	Human stick balancing: an intermittent control explanation. Biological Cybernetics, 2013, 107, 637-652.	1.3	40

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19	Accuracy in Estimating Repetitions to Failure During Resistance Exercise. Journal of Strength and Conditioning Research, 2017, 31, 2162-2168.	2.1	40
20	The use of surface electrodes to record infraspinatus activity is not valid at low infraspinatus activation levels. Journal of Electromyography and Kinesiology, 2011, 21, 112-118.	1.7	36
21	The Effect of Resistance Training in Women on Dynamic Strength and Muscular Hypertrophy: A Systematic Review with Meta-analysis. Sports Medicine, 2020, 50, 1075-1093.	6.5	34
22	Systematic nonlinear relations between displacement amplitude and joint mechanics at the human wrist. Journal of Biomechanics, 2006, 39, 2171-2182.	2.1	33
23	Assessing the validity of surface electromyography for recording muscle activation patterns from serratus anterior. Journal of Electromyography and Kinesiology, 2014, 24, 221-227.	1.7	33
24	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. Physical Therapy, 2011, 91, 178-189.	2.4	32
25	Does supraspinatus initiate shoulder abduction?. Journal of Electromyography and Kinesiology, 2013, 23, 425-429.	1.7	32
26	Does muscle guarding play a role in range of motion loss in patients with frozen shoulder?. Musculoskeletal Science and Practice, 2018, 37, 64-68.	1.3	32
27	The effects of moderate to vigorous aerobic exercise on the sleep need of sedentary young adults. Journal of Sports Sciences, 2013, 31, 381-386.	2.0	30
28	The rotator cuff muscles are activated at low levels during shoulder adduction: an experimental study. Journal of Physiotherapy, 2010, 56, 259-264.	1.7	29
29	The effect of different kick start positions on OMEGA OSB11 blocks on free swimming time to 15m in developmental level swimmers. Human Movement Science, 2014, 34, 178-186.	1.4	28
30	Direction-specific recruitment of rotator cuff muscles during bench press and row. Journal of Electromyography and Kinesiology, 2011, 21, 1041-1049.	1.7	27
31	Revision of the Shoulder Normalization tests is required to include rhomboid major and teres major. Journal of Orthopaedic Research, 2011, 29, 1846-1849.	2.3	27
32	Does load influence shoulder muscle recruitment patterns during scapular plane abduction?. Journal of Science and Medicine in Sport, 2016, 19, 755-760.	1.3	26
33	Effect of movement velocity during resistance training on muscleâ€specific hypertrophy: A systematic review. European Journal of Sport Science, 2018, 18, 473-482.	2.7	26
34	Cognitive effects of video games in older adults and their moderators: a systematic review with meta-analysis and meta-regression. Aging and Mental Health, 2020, 24, 841-856.	2.8	26
35	Perinatal depression in Pakistan: A systematic review and metaâ€analysis. Birth, 2021, 48, 149-163.	2.2	26
36	Independent assessment of pattern and offset variability of time series waveforms. Gait and Posture, 2009, 29, 285-289.	1.4	25

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37	An Investigation of Compensation and Adaptation to Auditory Perturbations in Individuals With Acquired Apraxia of Speech. Frontiers in Human Neuroscience, 2018, 12, 510.	2.0	25
38	Movement Demands of Rugby Sevens in Men and Women: A Systematic Review and Meta-Analysis. Journal of Strength and Conditioning Research, 2019, 33, 3475-3490.	2.1	25
39	Do surface electrode recordings validly represent latissimus dorsi activation patterns during shoulder tasks?. Journal of Electromyography and Kinesiology, 2015, 25, 8-13.	1.7	24
40	Leisure time physical activity participation in individuals with spinal cord injury in Malaysia: barriers to exercise. Spinal Cord, 2018, 56, 806-818.	1.9	24
41	Measuring Lifting Forces in Rock Climbing: Effect of Hold Size and Fingertip Structure. Journal of Applied Biomechanics, 2011, 27, 40-46.	0.8	23
42	Balance impairment in pediatric charcotâ€“marieâ€“tooth disease. Muscle and Nerve, 2019, 60, 242-249.	2.2	22
43	A Study of Right Shoulder Injury in Collegiate and Professional Orchestral Cellists: An Investigation Using Questionnaires and Physical Assessment. Medical Problems of Performing Artists, 2012, 27, 65-73.	0.4	22
44	Injury Patterns, Physiological Profile, and Performance in University Rugby Union. International Journal of Sports Physiology and Performance, 2018, 13, 69-74.	2.3	20
45	Relationship Between Proprioception and Pain and Disability in People With Non-Specific Low Back Pain. Spine, 2019, 44, E606-E617.	2.0	20
46	Estimation of Repetitions to Failure for Monitoring Resistance Exercise Intensity: Building a Case for Application. Journal of Strength and Conditioning Research, 2018, 32, 1352-1359.	2.1	19
47	EMG amplitude, fatigue threshold, and time to task failure: A meta-analysis. Journal of Science and Medicine in Sport, 2018, 21, 736-741.	1.3	19
48	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. Frontiers in Psychology, 2014, 5, 913.	2.1	18
49	Changes in Bench Press Velocity and Power After 8 Weeks of High-Load Cluster- or Traditional-Set Structures. Journal of Strength and Conditioning Research, 2020, 34, 2734-2742.	2.1	18
50	A new paradigm for human stick balancing: a suspended not an inverted pendulum. Experimental Brain Research, 2012, 221, 309-328.	1.5	17
51	Acute Warm-up Effects in Submaximal Athletes. Medicine and Science in Sports and Exercise, 2016, 48, 307-315.	0.4	17
52	Evidence of viscerallyâ€mediated coldâ€defence thermoeffector responses in man. Journal of Physiology, 2017, 595, 1201-1212.	2.9	17
53	Ergonomics in violin and piano playing: A systematic review. Applied Ergonomics, 2020, 88, 103143.	3.1	17
54	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. BMJ Open Sport and Exercise Medicine, 2020, 6, e000683.	2.9	17

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55	A review on the coordinative structure of human walking and the application of principal component analysis. Neural Regeneration Research, 2013, 8, 662-70.	3.0	17
56	An Exploration of the Perception of Dance and Its Relation to Biomechanical Motion: A Systematic Review and Narrative Synthesis. Journal of Dance Medicine and Science, 2016, 20, 127-136.	0.7	16
57	Rotator cuff muscles perform different functional roles during shoulder external rotation exercises. Clinical Anatomy, 2013, 26, 236-243.	2.7	15
58	Energetic and Metabolic Power Demands of National Rugby League Match-Play. International Journal of Sports Medicine, 2016, 37, 552-558.	1.7	15
59	Humeral torsion and shoulder rotation range of motion parameters in elite swimmers. Journal of Science and Medicine in Sport, 2017, 20, 469-474.	1.3	15
60	The effectiveness of EMG-driven neuromusculoskeletal model calibration is task dependent. Journal of Biomechanics, 2021, 129, 110698.	2.1	15
61	The effects of fabric for sleepwear and bedding on sleep at ambient temperatures of 17°C and 22°C. Nature and Science of Sleep, 2016, 8, 121.	2.7	14
62	Relationship between physical performance and quality of life in Charcotâ€Marieâ€Tooth disease: a pilot study. Journal of the Peripheral Nervous System, 2016, 21, 357-364.	3.1	13
63	Does changing the plane of abduction influence shoulder muscle recruitment patterns in healthy individuals?. Manual Therapy, 2016, 21, 63-68.	1.6	13
64	Energetic Demands of Interchange and Full-Match Rugby League Players. Journal of Strength and Conditioning Research, 2018, 32, 3447-3455.	2.1	13
65	Understanding training needs in eating disorders of graduating and new graduate dietitians in Australia: an online survey. Journal of Eating Disorders, 2021, 9, 27.	2.7	13
66	Exergaming for Individuals with Spinal Cord Injury: A Pilot Study. Games for Health Journal, 2017, 6, 279-289.	2.0	12
67	Effects of a 12-Week Modified German Volume Training Program on Muscle Strength and Hypertrophyâ€”A Pilot Study. Sports, 2018, 6, 7.	1.7	12
68	Tracking Preschoolersâ€™ Lifestyle Behaviors and Testing Maternal Sociodemographics and BMI in Predicting Child Obesity Risk. Journal of Nutrition, 2020, 150, 3068-3074.	2.9	12
69	The effects of choral singing on communication impairments in acquired brain injury: A systematic review. International Journal of Language and Communication Disorders, 2020, 55, 303-319.	1.5	12
70	Identifying Coordinative Structure Using Principal Component Analysis Based on Coherence Derived From Linear Systems Analysis. Journal of Motor Behavior, 2013, 45, 167-179.	0.9	11
71	Training volume and soft tissue injury in professional and non-professional rugby union players: a systematic review. British Journal of Sports Medicine, 2017, 51, 1012-1020.	6.7	11
72	Reliability and comparative validity of a Diet Quality Index for assessing dietary patterns of preschool-aged children in Sydney, Australia. European Journal of Clinical Nutrition, 2018, 72, 464-468.	2.9	11

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73	Whole-body kinematics and coordination in a complex dance sequence: Differences across skill levels. Human Movement Science, 2020, 69, 102564.	1.4	11
74	Effects of Physical Symptoms on Muscle Activity Levels in Skilled Violinists. Medical Problems of Performing Artists, 2016, 31, 125-131.	0.4	10
75	Positional Differences in External On-Field Load During Specific Drill Classifications Over a Professional Rugby League Preseason. International Journal of Sports Physiology and Performance, 2017, 12, 764-776.	2.3	10
76	An EMG assessment of Front Row Rugby Union Scrummaging. International Journal of Performance Analysis in Sport, 2014, 14, 225-237.	1.1	9
77	Is the Normal Shoulder Rotation Strength Ratio Altered in Elite Swimmers?. Medicine and Science in Sports and Exercise, 2020, 52, 680-684.	0.4	9
78	The periodicity of sleep duration – an infradian rhythm in spontaneous living. Nature and Science of Sleep, 2013, 5, 1.	2.7	8
79	Shoulder muscle activation patterns and levels differ between open and closed-chain abduction. Journal of Science and Medicine in Sport, 2018, 21, 462-466.	1.3	8
80	Malaysian adaptation of the physical activity scale for individuals with physical disabilities in individuals with spinal cord injury. Disability and Rehabilitation, 2020, 42, 2067-2075.	1.8	8
81	Epidemiology of injuries in Australian junior rugby league players. Journal of Science and Medicine in Sport, 2021, 24, 241-246.	1.3	8
82	A study of right shoulder injury in collegiate and professional orchestral cellists: an investigation using questionnaires and physical assessment. Medical Problems of Performing Artists, 2012, 27, 65-73.	0.4	8
83	Surface electromyography of neck strap muscles for estimating the intended pitch of a bionic voice source. , 2014, , .		7
84	Is subscapularis recruited in a similar manner during shoulder internal rotation exercises and belly press and lift off tests?. Journal of Science and Medicine in Sport, 2017, 20, 566-571.	1.3	7
85	The impact of sleepwear fiber type on sleep quality under warm ambient conditions . Nature and Science of Sleep, 2019, Volume 11, 167-178.	2.7	7
86	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. Muscle and Nerve, 2019, 59, 213-217.	2.2	7
87	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. Journal of Eating Disorders, 2021, 9, 160.	2.7	7
88	Systematic nonlinear relations between joint mechanics and the neural reflex response with changes in stretch amplitude at the wrist. Journal of Biomechanics, 2012, 45, 2755-2762.	2.1	6
89	The use of fine-wire EMG to investigate shoulder muscle recruitment patterns during cello bowing: The results of a pilot study. Journal of Electromyography and Kinesiology, 2013, 23, 1261-1268.	1.7	6
90	An investigation of the effects of a speech-restructuring treatment for stuttering on the distribution of intervals of phonation. Journal of Fluency Disorders, 2016, 50, 13-22.	1.7	6

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91	Acute changes in kinematic and muscle activity patterns in habitually shod rearfoot strikers while running barefoot. Journal of Sports Sciences, 2016, 34, 75-87.	2.0	6
92	Australian athletesâ€™ knowledge of the WADA Prohibited Substances List and performance enhancing substances. International Journal of Drug Policy, 2018, 56, 40-45.	3.3	6
93	Motherâ€“child dietary behaviours and their observed associations with socio-demographic factors: findings from the Healthy Beginnings Trial. British Journal of Nutrition, 2018, 119, 464-471.	2.3	5
94	Body composition and its association with physical performance, quality of life, and clinical indicators in Charcot-Marie-Tooth disease: a pilot study. Disability and Rehabilitation, 2019, 41, 405-412.	1.8	5
95	Nutritional parameters associated with hospital admissions in patients being treated for head and neck cancer. Supportive Care in Cancer, 2020, 28, 341-349.	2.2	5
96	Risk factors of paternal postnatal depression in Pakistan: Findings from an urban sample. Australian Journal of Cancer Nursing, 2022, 24, 618-624.	1.6	5
97	Perceptual and motor learning underlies human stick-balancing skill. Journal of Neurophysiology, 2015, 113, 156-171.	1.8	4
98	The effects of multi-stage exercise with and without concurrent cognitive performance on cardiorespiratory and cerebral haemodynamic responses. European Journal of Applied Physiology, 2018, 118, 2121-2132.	2.5	4
99	Is training age predictive of physiological performance changes in developmental rugby league players? A prospective longitudinal study. International Journal of Sports Science and Coaching, 2020, 15, 306-315.	1.4	4
100	Acute experimentally-induced pain replicates the distribution but not the quality or behaviour of clinical appendicular musculoskeletal pain. AÂsystematic review. Scandinavian Journal of Pain, 2021, 21, 217-237.	1.3	4
101	Player Activity Profiles in the Australian Second-Tier Rugby League Competitions. International Journal of Sports Physiology and Performance, 2016, 11, 816-823.	2.3	3
102	Established and novel measures of upper limb impairment in children with Charcot‹b›â€‹/b›Marie‹b›â€‹/b›tooth disease type 1A and riboflavin transporter deficiency type 2. Journal of the Peripheral Nervous System, 2018, 23, 29-35.	3.1	3
103	Experimental shoulder pain models do not validly replicate the clinical experience of shoulder pain. Scandinavian Journal of Pain, 2019, 20, 167-174.	1.3	3
104	Acute Effect of Kettlebell Swings on Sprint Performance. Sports, 2019, 7, 36.	1.7	3
105	Do surface electrodes validly represent lower trapezius activation patterns during shoulder tasks?. Journal of Electromyography and Kinesiology, 2020, 53, 102427.	1.7	3
106	Identifying predictors of patient radiation dose during uterine artery embolisation. Journal of Medical Radiation Sciences, 2021, 68, 131-138.	1.5	3
107	High intensity power training in middle-aged women with Charcotâ€“Marieâ€“Tooth disease: a case series. International Journal of Therapy and Rehabilitation, 2021, 28, 1-12.	0.3	3
108	Conversational speech of school-age children after syllable-timed speech treatment for stuttering. International Journal of Speech-Language Pathology, 2021, , 1-11.	1.2	3

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109	A solid swing and â€¦ contact [or miss]? Commentary on â€œTowards a Grand Unified Theory of sports performanceâ€• Human Movement Science, 2017, 56, 163-165.	1.4	2
110	Whole-body angular momentum in a complex dance sequence: Differences across skill levels. Human Movement Science, 2019, 67, 102512.	1.4	2
111	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. BMJ Open, 2020, 10, e038242.	1.9	2
112	Movement Demands and Injury Characteristics in Under-20-Years University Rugby Union Players. Journal of Athletic Training, 2020, 55, 376-383.	1.8	2
113	Uterine Artery Embolisation: Continuous Quality Improvement Reduces Radiation dose While Maintaining Image Quality. Radiation Protection Dosimetry, 2021, 196, 159-166.	0.8	2
114	Interaction between hand span and different sizes of keyboards on EMG activity in pianists: An observational study. Applied Ergonomics, 2021, 97, 103518.	3.1	2
115	Associated Reactions during a Visual Pursuit Position Tracking Task in Hemiplegic and Quadriplegic Cerebral Palsy. Chinese Journal of Physiology, 2013, 56, 117-26.	1.0	2
116	Arm Exercises for Individuals with Spinal Cord Injury: Exergaming versus Arm Cranking. , 2019, , .		1
117	Analysis of phase detects altered timing of muscle activation in subjects with chronic shoulder pain. Journal of Electromyography and Kinesiology, 2022, 62, 102621.	1.7	1
118	Predictors of radiation dose for uterine artery embolisation are angiography system-dependent. Journal of Radiological Protection, 2022, 42, 011502.	1.1	1
119	Effect of high-volume cluster sets versus lower-volume traditional sets on muscular performance. Journal of Sports Medicine and Physical Fitness, 2022, 62, .	0.7	1
120	The facilitators and barriers to exercise in the Noongar Aboriginal population in Perth, Australia. Health Promotion International, 2023, 38, .	1.8	1
121	Effect of Exercise Intensity on Heart Rate Variability during Exercise and Post-exercise Recovery. Medicine and Science in Sports and Exercise, 2014, 46, 750.	0.4	0
122	Development of a sliding stretcher FES-rowing system. , 2014, , .		0
123	Effect Of Core Muscle, Cardiovascular, And On-instrument Warm-up On Muscle Load Patterns In Elite Violinists. Medicine and Science in Sports and Exercise, 2015, 47, 856.	0.4	0
124	Energetic And Metabolic Power Demands Of Australian National Rugby League match play. Medicine and Science in Sports and Exercise, 2015, 47, 765.	0.4	0
125	EMG Changes In Fatigue. Medicine and Science in Sports and Exercise, 2016, 48, 846.	0.4	0
126	Response to Letter to the Editor. Journal of Fluency Disorders, 2017, 53, 55-57.	1.7	0

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127	Associations between Perceptual Fatigue and Accuracy of Estimated Repetitions to Failure during Resistance Exercises. Journal of Functional Morphology and Kinesiology, 2019, 4, 56.	2.4	0
128	A Systematic Review of Warm-Up in Upper Extremity Athletes in Music and Sport. Medicine and Science in Sports and Exercise, 2014, 46, 148.	0.4	0