

Michael H Cole

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,179
citations

304743
22
h-index

276875
41
g-index

58
all docs

58
docs citations

58
times ranked

2804
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Wearable Microsensors to Quantify Sport-Specific Movements. Sports Medicine, 2015, 45, 1065-1081.	6.5	250
2	Wearable Sensor Use for Assessing Standing Balance and Walking Stability in People with Parkinson's Disease: A Systematic Review. PLoS ONE, 2015, 10, e0123705.	2.5	157
3	Risk of Falls, Injurious Falls, and Other Injuries Resulting from Visual Impairment among Older Adults with Age-Related Macular Degeneration. , 2011, 52, 5088.		139
4	A spatiotemporal analysis of gait freezing and the impact of pedunculopontine nucleus stimulation. Brain, 2012, 135, 1446-1454.	7.6	129
5	Gait characteristics and falls in Parkinson's disease: A systematic review and meta-analysis. Parkinsonism and Related Disorders, 2018, 57, 1-8.	2.2	109
6	Falls in Parkinson's disease: Kinematic evidence for impaired head and trunk control. Movement Disorders, 2010, 25, 2369-2378.	3.9	99
7	Postural Stability and Gait among Older Adults with Age-Related Maculopathy. , 2009, 50, 482.		83
8	Pedunculopontine nucleus deep brain stimulation produces sustained improvement in primary progressive freezing of gait. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1256-1259.	1.9	63
9	The Validity and Reliability of Commercially Available Resistance Training Monitoring Devices: A Systematic Review. Sports Medicine, 2021, 51, 443-502.	6.5	58
10	A systematic review on perceptual-motor calibration to changes in action capabilities. Human Movement Science, 2017, 51, 59-71.	1.4	54
11	A systematic review of the technology-based assessment of visual perception and exploration behaviour in association football. Journal of Sports Sciences, 2018, 36, 861-880.	2.0	53
12	Effects of Textured Insoles on Balance in People with Parkinson's Disease. PLoS ONE, 2013, 8, e83309.	2.5	52
13	The Biomechanics of the Modern Golf Swing: Implications for Lower Back Injuries. Sports Medicine, 2016, 46, 339-351.	6.5	48
14	Monitoring Workload in Throwing-Dominant Sports: A Systematic Review. Sports Medicine, 2016, 46, 1503-1516.	6.5	47
15	Lower-limb muscle function during sidestep cutting. Journal of Biomechanics, 2019, 82, 186-192.	2.1	39
16	Balance control systems in Parkinson's disease and the impact of pedunculopontine area stimulation. Brain, 2018, 141, 3009-3022.	7.6	38
17	The Validity and Reliability of Wearable Microtechnology for Intermittent Team Sports: A Systematic Review. Sports Medicine, 2021, 51, 549-565.	6.5	38
18	Wearable technology reveals gait compensations, unstable walking patterns and fatigue in people with multiple sclerosis. Physiological Measurement, 2018, 39, 075004.	2.1	36

#	ARTICLE	IF	CITATIONS
19	Neuromuscular Impairments Are Associated With Impaired Head and Trunk Stability During Gait in Parkinson Fallers. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 34-47.	2.9	35
20	Falls in Parkinson's disease: Evidence for altered stepping strategies on compliant surfaces. <i>Parkinsonism and Related Disorders</i> , 2011, 17, 610-616.	2.2	34
21	Don't Turn Blind! The Relationship Between Exploration Before Ball Possession and On-Ball Performance in Association Football. <i>Frontiers in Psychology</i> , 2018, 9, 2520.	2.1	34
22	The crunch factor's role in golf-related low back pain. <i>Spine Journal</i> , 2014, 14, 799-807.	1.3	30
23	Visual Exploration When Surrounded by Affordances: Frequency of Head Movements Is Predictive of Response Speed. <i>Ecological Psychology</i> , 2019, 31, 30-48.	1.1	28
24	Behavioral and Neuroimaging Research on Developmental Coordination Disorder (DCD): A Combined Systematic Review and Meta-Analysis of Recent Findings. <i>Frontiers in Psychology</i> , 2022, 13, 809455.	2.1	27
25	Muscle Force Contributions to Anterior Cruciate Ligament Loading. <i>Sports Medicine</i> , 2022, 52, 1737-1750.	6.5	26
26	Trunk muscle exercises as a means of improving postural stability in people with Parkinson's disease: a protocol for a randomised controlled trial. <i>BMJ Open</i> , 2014, 4, e006095.	1.9	25
27	Imposed Faster and Slower Walking Speeds Influence Gait Stability Differently in Parkinson Fallers. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 639-648.	0.9	23
28	The X-Factor and Its Relationship to Golfing Performance. <i>Journal of Quantitative Analysis in Sports</i> , 2009, 5, .	1.0	22
29	Concurrent Validity of Accelerations Measured Using a Tri-Axial Inertial Measurement Unit while Walking on Firm, Compliant and Uneven Surfaces. <i>PLoS ONE</i> , 2014, 9, e98395.	2.5	22
30	Trunk Exercises Improve Gait Symmetry in Parkinson Disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 151-159.	1.4	22
31	Trunk Exercises Improve Balance in Parkinson Disease: A Phase II Randomized Controlled Trial. <i>Journal of Neurologic Physical Therapy</i> , 2019, 43, 96-105.	1.4	22
32	The Influence of Physical Qualities on Activity Profiles of Female Australian Football Match Play. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 524-529.	2.3	21
33	The inter-device reliability of global navigation satellite systems during team sport movement across multiple days. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 340-344.	1.3	21
34	Constraints on visual exploration of youth football players during 11v11 match-play: The influence of playing role, pitch position and phase of play. <i>Journal of Sports Sciences</i> , 2020, 38, 658-668.	2.0	20
35	Executive Function and Postural Instability in People with Parkinson's Disease. <i>Parkinson's Disease</i> , 2014, 2014, 1-8.	1.1	19
36	Use of a Short-Form Balance Confidence Scale to Predict Future Recurrent Falls in People With Parkinson Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2016, 97, 152-156.	0.9	19

#	ARTICLE	IF	CITATIONS
37	Automatic Detection of Pitching and Throwing Events in Baseball With Inertial Measurement Sensors. <i>International Journal of Sports Physiology and Performance</i> , 2017, 12, 533-537.	2.3	18
38	The Influence of Contextual Factors on Running Performance in Female Australian Football Match-Play. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2488-2495.	2.1	18
39	Low-frequency STN-DBS provides acute gait improvements in Parkinson's disease: a double-blinded randomised cross-over feasibility trial. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 125.	4.6	18
40	Gait Velocity and Joint Power Generation After Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2019, 98, 841-849.	1.4	16
41	Validity of a Microsensor-Based Algorithm for Detecting Scrum Events in Rugby Union. <i>International Journal of Sports Physiology and Performance</i> , 2019, 14, 176-182.	2.3	15
42	Using Microtechnology to Quantify Torso Angle During Match-Play in Field Hockey. <i>Journal of Strength and Conditioning Research</i> , 2019, 33, 2648-2654.	2.1	15
43	Assessing stability in mild and moderate Parkinson's disease: Can clinical measures provide insight?. <i>Gait and Posture</i> , 2016, 49, 7-13.	1.4	14
44	A skill profile of the national women's Australian football league (AFLW). <i>Science and Medicine in Football</i> , 2019, 3, 138-142.	2.0	13
45	Automatic detection of one-on-one tackles and ruck events using microtechnology in rugby union. <i>Journal of Science and Medicine in Sport</i> , 2019, 22, 827-832.	1.3	13
46	Evidence of compensatory joint kinetics during stair ascent and descent in Parkinson's disease. <i>Gait and Posture</i> , 2017, 52, 33-39.	1.4	12
47	Dynamic balance control during stair negotiation for older adults and people with Parkinson disease. <i>Human Movement Science</i> , 2018, 59, 30-36.	1.4	12
48	Physical fitness and peak running periods during female Australian football match-play. <i>Science and Medicine in Football</i> , 2018, 2, 246-251.	2.0	11
49	Perceptual-motor regulation in locomotor pointing while approaching a curb. <i>Gait and Posture</i> , 2018, 60, 164-170.	1.4	10
50	Principles of the Guidance of Exploration for Orientation and Specification of Action. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 231.	2.0	9
51	The Influence of Rotations on Match Running Performance in Female Australian Football Midfielders. <i>International Journal of Sports Physiology and Performance</i> , 2018, 13, 434-441.	2.3	8
52	Regulation of locomotor pointing across the lifespan: Investigating age-related influences on perceptual-motor coupling. <i>PLoS ONE</i> , 2018, 13, e0200244.	2.5	8
53	Influence of age and falls incidence on tau guidance of centre of pressure movement during gait initiation. <i>Gait and Posture</i> , 2019, 70, 104-108.	1.4	8
54	Associations Between Gait-Related Falls and Gait Adaptations When Stepping Onto a Curb: A Prospective Falls Study. <i>Journal of Aging and Physical Activity</i> , 2019, 27, 309-315.	1.0	8

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55	Alternate Subthalamic Nucleus Deep Brain Stimulation Parameters to Manage Motor Symptoms of Parkinson's Disease: Systematic Review and Meta-analysis. Movement Disorders Clinical Practice, 2019, 6, 17-26.	1.5	6
56	The CuePed Trial: How Does Environmental Complexity Impact Cue Effectiveness? A Comparison of Tonic and Phasic Visual Cueing in Simple and Complex Environments in a Parkinson's Disease Population with Freezing of Gait. Parkinson's Disease, 2019, 2019, 1-6.	1.1	3
57	Acute effect of traditional and adaptive metronomes on gait variability in older individuals with a history of falls. Aging Clinical and Experimental Research, 2022, 34, 1349-1356.	2.9	1
58	Gait biofeedback training in people with Parkinson's disease: a pilot study. Journal of NeuroEngineering and Rehabilitation, 2022, 19, .	4.6	1