

Michael A Riley

List of Publications by Year in descending order

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65
papers

1,844
citations

448610

19
h-index

299063

42
g-index

65
all docs

65
docs citations

65
times ranked

2012
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of accurate and misarticulated /Ér/ for ultrasound biofeedback using tongue part displacement trajectories. <i>Clinical Linguistics and Phonetics</i> , 2023, 37, 196-222.	0.5	2
2	Child-Caregiver Interactions During a Collaborative Motor Task in Children with Cerebral Palsy: A Descriptive Exploratory Study. <i>Journal of Developmental and Physical Disabilities</i> , 2022, 34, 255-277.	1.0	3
3	Preliminary Report on the Train the Brain Project, Part II: Neuroplasticity of Augmented Neuromuscular Training and Improved Injury-Risk Biomechanics. <i>Journal of Athletic Training</i> , 2022, 57, 911-920.	0.9	6
4	Unpredictable task demands and motor performance in individuals with neuromotor disability: a scoping review. <i>Physical Therapy Reviews</i> , 2021, 26, 177-187.	0.3	1
5	Grip force anticipation of nonlinear, underactuated load force. <i>Journal of Neurophysiology</i> , 2021, 125, 1647-1662.	0.9	1
6	Postural control development from late childhood through young adulthood. <i>Gait and Posture</i> , 2021, 86, 169-173.	0.6	6
7	Reciprocal Influence of Mobility and Speech-Language: Advancing Physical Therapy and Speech Therapy Cotreatment and Collaboration for Adults With Neurological Conditions. <i>Physical Therapy</i> , 2021, 101, .	1.1	3
8	Grip Force-Load Force Coupling Is Influenced by Altered Visual Feedback about Object Kinematics. <i>Journal of Motor Behavior</i> , 2020, 52, 612-624.	0.5	6
9	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 1088-1098.	0.2	10
10	Children and adolescents with cerebral palsy flexibly adapt grip control in response to variable task demands. <i>Clinical Biomechanics</i> , 2020, 80, 105149.	0.5	4
11	Early learning differences between intra- and interpersonal interlimb coordination. <i>Human Movement Science</i> , 2020, 73, 102682.	0.6	1
12	Comparison of gait speeds from wearable camera and accelerometer in structured and semi-structured environments. <i>Healthcare Technology Letters</i> , 2020, 7, 25-28.	1.9	8
13	Real-time biofeedback integrated into neuromuscular training reduces high-risk knee biomechanics and increases functional brain connectivity: A preliminary longitudinal investigation. <i>Psychophysiology</i> , 2020, 57, e13545.	1.2	25
14	Electrocortical dynamics differentiate athletes exhibiting low- and high-ACL injury risk biomechanics. <i>Psychophysiology</i> , 2020, 57, e13530.	1.2	15
15	A Technical Report on the Development of a Real-Time Visual Biofeedback System to Optimize Motor Learning and Movement Deficit Correction. <i>Journal of Sports Science and Medicine</i> , 2020, 19, 84-94.	0.7	15
16	Injury Risk Factors Integrated Into Self-Guided Real-Time Biofeedback Improves High-Risk Biomechanics. <i>Journal of Sport Rehabilitation</i> , 2019, 28, 831-839.	0.4	16
17	Flexible organization of grip force control during movement frequency scaling. <i>Journal of Neurophysiology</i> , 2019, 122, 2304-2315.	0.9	2
18	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. <i>Journal of Athletic Training</i> , 2019, 54, 985-986.	0.9	9

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19	Perception of another person's maximum reach-with-jump height from walking kinematics. Quarterly Journal of Experimental Psychology, 2019, 72, 2018-2031.	0.6	3
20	Variable and intermittent grip force control in response to differing load force dynamics. Experimental Brain Research, 2019, 237, 687-703.	0.7	13
21	"What's my risk of sustaining an ACL injury while playing football (soccer)?" A systematic review with meta-analysis. British Journal of Sports Medicine, 2019, 53, 1333-1340.	3.1	50
22	Tongue Part Movement Trajectories for /r/ Using Ultrasound. Perspectives of the ASHA Special Interest Groups, 2019, 4, 1644-1652.	0.4	5
23	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. Journal of Sport Rehabilitation, 2018, 27, 1-5.	0.4	36
24	A jugular vein compression collar prevents alterations of endogenous electrocortical dynamics following blast exposure during special weapons and tactical (SWAT) breacher training. Experimental Brain Research, 2018, 236, 2691-2701.	0.7	14
25	Perceptually Equivalent Judgments Made Visually and via Haptic Sensory-Substitution Devices. Ecological Psychology, 2018, 30, 326-345.	0.7	22
26	Intermittent coupling between grip force and load force during oscillations of a hand-held object. Experimental Brain Research, 2018, 236, 2531-2544.	0.7	17
27	The Independent Perceptual Calibration of Action-Neutral and -Referential Environmental Properties. Perception, 2017, 46, 586-604.	0.5	16
28	Sport-specific virtual reality to identify profiles of anterior cruciate ligament injury risk during unanticipated cutting. , 2017, , .		5
29	Functional Task Constraints Foster Enhanced Postural Control in Children With Cerebral Palsy. Physical Therapy, 2016, 96, 348-354.	1.1	16
30	Can discrete joint action be synergistic? Studying the stabilization of interpersonal hand coordination.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1223-1235.	0.7	21
31	Children with cerebral palsy effectively modulate postural control to perform a supra-postural task. Gait and Posture, 2015, 42, 49-53.	0.6	12
32	The role of task constraints in relating laboratory and clinical measures of balance. Gait and Posture, 2015, 42, 275-279.	0.6	6
33	The selection and usage of information for perceiving and remembering intended and unintended object properties.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 807-815.	0.7	3
34	Prospectively identified deficits in sagittal plane hip-ankle coordination in female athletes who sustain a second anterior cruciate ligament injury after anterior cruciate ligament reconstruction and return to sport. Clinical Biomechanics, 2015, 30, 1094-1101.	0.5	54
35	A Commentary on Real-Time Biofeedback to Augment Neuromuscular Training for ACL Injury Prevention in Adolescent Athletes. Journal of Sports Science and Medicine, 2015, 14, 1-8.	0.7	53
36	Movement constraints on interpersonal coordination and communication.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1891-1902.	0.7	17

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37	Dancers entrain more effectively than non-dancers to another actor's movements. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 800.	1.0	40
38	Development of coordination in time estimation. <i>Developmental Psychology</i> , 2014, 50, 393-401.	1.2	6
39	Cross-Recurrence Quantification Analysis of the Influence of Coupling Constraints on Interpersonal Coordination and Communication. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 157-171.	0.1	5
40	Test-retest consistency of a postural sway assessment protocol for adolescent athletes measured with a force plate. <i>International Journal of Sports Physical Therapy</i> , 2013, 8, 741-8.	0.5	20
41	A tutorial introduction to adaptive fractal analysis. <i>Frontiers in Physiology</i> , 2012, 3, 371.	1.3	81
42	Dynamics of cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2012, 3, 593-606.	1.4	51
43	Learning From the Body About the Mind. <i>Topics in Cognitive Science</i> , 2012, 4, 21-34.	1.1	38
44	Effects of Breathing on Multijoint Control of Center of Mass Position During Upright Stance. <i>Journal of Motor Behavior</i> , 2012, 44, 241-253.	0.5	35
45	The interplay between posture control and memory for spatial locations. <i>Experimental Brain Research</i> , 2012, 217, 43-52.	0.7	18
46	Postural Sway and the Amplitude of Horizontal Eye Movements. <i>Ecological Psychology</i> , 2011, 23, 247-266.	0.7	27
47	Interpersonal Synergies. <i>Frontiers in Psychology</i> , 2011, 2, 38.	1.1	232
48	Self-Induced Motion Sickness and Body Movement During Passive Restraint. <i>Ecological Psychology</i> , 2008, 20, 121-145.	0.7	18
49	Deterministic center of pressure patterns characterize postural instability in Parkinson's disease. <i>Experimental Brain Research</i> , 2006, 168, 357-367.	0.7	185
50	Role of the inertial eigenvectors in proprioception near the limits of arm adduction range of motion. <i>Human Movement Science</i> , 2005, 24, 171-183.	0.6	5
51	Divided attention during adaptation to visual-motor rotation in an endoscopic surgery simulator. <i>Cognition, Technology and Work</i> , 2005, 7, 6-13.	1.7	4
52	Strong modularity and circular reasoning pervade the planning-control model. <i>Behavioral and Brain Sciences</i> , 2004, 27, .	0.4	1
53	Haptic Perception of Affordances of a Sport Implement: Choosing Hockey Sticks for Power versus Precision Actions on the Basis of "Feel". <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2004, 48, 1918-1922.	0.2	1
54	Static Posturography and Recurrence Quantification Reliably Detect Postural Instability. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2004, 48, 2512-2516.	0.2	1

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55	Inverse relation between postural variability and difficulty of a concurrent short-term memory task. Brain Research Bulletin, 2003, 62, 191-195.	1.4	122
56	Recurrence analysis of human postural sway during the sensory organization test. Neuroscience Letters, 2003, 342, 45-48.	1.0	83
57	Divided Attention during Adaptation to Visual-Motor Rotation in an Endoscopic Surgery Simulator. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1559-1563.	0.2	0
58	Length Perception by Dynamic Touch under Dual-Task Conditions. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1708-1711.	0.2	0
59	In favor of an ecological account of color. Behavioral and Brain Sciences, 2003, 26, 33-33.	0.4	1
60	The Proprioceptive Aftereffects of Prism Adaptation Influence Interlimb Rhythmic Coordination. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 2179-2183.	0.2	0
61	Perceptual Behavior: Recurrence Analysis of a Haptic Exploratory Procedure. Perception, 2002, 31, 481-510.	0.5	57
62	Haptic Perception of Whole and Partial Extents of Small Objects. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 2193-2196.	0.2	0
63	Variability and Determinism in Motor Behavior. Journal of Motor Behavior, 2002, 34, 99-125.	0.5	317
64	Inadequate information and deficient perception. Behavioral and Brain Sciences, 2001, 24, 238-239.	0.4	0
65	Modulation of Postural Sway during Manual Aiming. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1931-1934.	0.2	0