

# Michael A Riley

## List of Publications by Year in descending order

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65  
papers

1,844  
citations

394421

19  
h-index

265206

42  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1802  
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability and Determinism in Motor Behavior. <i>Journal of Motor Behavior</i> , 2002, 34, 99-125.	0.9	317
2	Interpersonal Synergies. <i>Frontiers in Psychology</i> , 2011, 2, 38.	2.1	232
3	Deterministic center of pressure patterns characterize postural instability in Parkinson's disease. <i>Experimental Brain Research</i> , 2006, 168, 357-367.	1.5	185
4	Inverse relation between postural variability and difficulty of a concurrent short-term memory task. <i>Brain Research Bulletin</i> , 2003, 62, 191-195.	3.0	122
5	Recurrence analysis of human postural sway during the sensory organization test. <i>Neuroscience Letters</i> , 2003, 342, 45-48.	2.1	83
6	A tutorial introduction to adaptive fractal analysis. <i>Frontiers in Physiology</i> , 2012, 3, 371.	2.8	81
7	Perceptual Behavior: Recurrence Analysis of a Haptic Exploratory Procedure. <i>Perception</i> , 2002, 31, 481-510.	1.2	57
8	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. <i>Clinical Biomechanics</i> , 2015, 30, 1094-1101.	1.2	54
9	A Commentary on Real-Time Biofeedback to Augment Neuromuscular Training for ACL Injury Prevention in Adolescent Athletes. <i>Journal of Sports Science and Medicine</i> , 2015, 14, 1-8.	1.6	53
10	Dynamics of cognition. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2012, 3, 593-606.	2.8	51
11	"What's my risk of sustaining an ACL injury while playing football (soccer)?" A systematic review with meta-analysis. <i>British Journal of Sports Medicine</i> , 2019, 53, 1333-1340.	6.7	50
12	Dancers entrain more effectively than non-dancers to another actor's movements. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 800.	2.0	40
13	Learning From the Body About the Mind. <i>Topics in Cognitive Science</i> , 2012, 4, 21-34.	1.9	38
14	Brain-Behavior Mechanisms for the Transfer of Neuromuscular Training Adaptions to Simulated Sport: Initial Findings From the Train the Brain Project. <i>Journal of Sport Rehabilitation</i> , 2018, 27, 1-5.	1.0	36
15	Effects of Breathing on Multijoint Control of Center of Mass Position During Upright Stance. <i>Journal of Motor Behavior</i> , 2012, 44, 241-253.	0.9	35
16	Postural Sway and the Amplitude of Horizontal Eye Movements. <i>Ecological Psychology</i> , 2011, 23, 247-266.	1.1	27
17	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.	2.4	25
18	Perceptually Equivalent Judgments Made Visually and via Haptic Sensory-Substitution Devices. <i>Ecological Psychology</i> , 2018, 30, 326-345.	1.1	22

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19	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.	0.9	21
20	Test-retest consistency of a postural sway assessment protocol for adolescent athletes measured with a force plate. International Journal of Sports Physical Therapy, 2013, 8, 741-8.	1.3	20
21	Self-Induced Motion Sickness and Body Movement During Passive Restraint. Ecological Psychology, 2008, 20, 121-145.	1.1	18
22	The interplay between posture control and memory for spatial locations. Experimental Brain Research, 2012, 217, 43-52.	1.5	18
23	Movement constraints on interpersonal coordination and communication.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1891-1902.	0.9	17
24	Intermittent coupling between grip force and load force during oscillations of a hand-held object. Experimental Brain Research, 2018, 236, 2531-2544.	1.5	17
25	Functional Task Constraints Foster Enhanced Postural Control in Children With Cerebral Palsy. Physical Therapy, 2016, 96, 348-354.	2.4	16
26	The Independent Perceptual Calibration of Action-Neutral and -Referential Environmental Properties. Perception, 2017, 46, 586-604.	1.2	16
27	Injury Risk Factors Integrated Into Self-Guided Real-Time Biofeedback Improves High-Risk Biomechanics. Journal of Sport Rehabilitation, 2019, 28, 831-839.	1.0	16
28	Electrocortical dynamics differentiate athletes exhibiting low and high ACL injury risk biomechanics. Psychophysiology, 2020, 57, e13530.	2.4	15
29	A Technical Report on the Development of a Real-Time Visual Biofeedback System to Optimize Motor Learning and Movement Deficit Correction. Journal of Sports Science and Medicine, 2020, 19, 84-94.	1.6	15
30	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.	1.5	14
31	Variable and intermittent grip force control in response to differing load force dynamics. Experimental Brain Research, 2019, 237, 687-703.	1.5	13
32	Children with cerebral palsy effectively modulate postural control to perform a supra-postural task. Gait and Posture, 2015, 42, 49-53.	1.4	12
33	Distinct Coordination Strategies Associated with the Drop Vertical Jump Task. Medicine and Science in Sports and Exercise, 2020, 52, 1088-1098.	0.4	10
34	Advancing Anterior Cruciate Ligament Injury Prevention Using Real-Time Biofeedback for Amplified Sensorimotor Integration. Journal of Athletic Training, 2019, 54, 985-986.	1.8	9
35	Comparison of gait speeds from wearable camera and accelerometer in structured and semi-structured environments. Healthcare Technology Letters, 2020, 7, 25-28.	3.3	8
36	Development of coordination in time estimation.. Developmental Psychology, 2014, 50, 393-401.	1.6	6

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37	The role of task constraints in relating laboratory and clinical measures of balance. <i>Gait and Posture</i> , 2015, 42, 275-279.	1.4	6
38	Grip Force-Load Force Coupling Is Influenced by Altered Visual Feedback about Object Kinematics. <i>Journal of Motor Behavior</i> , 2020, 52, 612-624.	0.9	6
39	Postural control development from late childhood through young adulthood. <i>Gait and Posture</i> , 2021, 86, 169-173.	1.4	6
40	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.	1.8	6
41	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.	1.4	5
42	Sport-specific virtual reality to identify profiles of anterior cruciate ligament injury risk during unanticipated cutting. , 2017, , .		5
43	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.	0.2	5
44	Tongue Part Movement Trajectories for /r/ Using Ultrasound. <i>Perspectives of the ASHA Special Interest Groups</i> , 2019, 4, 1644-1652.	0.8	5
45	Divided attention during adaptation to visual-motor rotation in an endoscopic surgery simulator. <i>Cognition, Technology and Work</i> , 2005, 7, 6-13.	3.0	4
46	Children and adolescents with cerebral palsy flexibly adapt grip control in response to variable task demands. <i>Clinical Biomechanics</i> , 2020, 80, 105149.	1.2	4
47	The selection and usage of information for perceiving and remembering intended and unintended object properties.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 807-815.	0.9	3
48	Perception of another person's maximum reach-with-jump height from walking kinematics. <i>Quarterly Journal of Experimental Psychology</i> , 2019, 72, 2018-2031.	1.1	3
49	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.	1.6	3
50	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, .	2.4	3
51	Flexible organization of grip force control during movement frequency scaling. <i>Journal of Neurophysiology</i> , 2019, 122, 2304-2315.	1.8	2
52	Classification of accurate and misarticulated /r/ for ultrasound biofeedback using tongue part displacement trajectories. <i>Clinical Linguistics and Phonetics</i> , 2023, 37, 196-222.	0.9	2
53	In favor of an ecological account of color. <i>Behavioral and Brain Sciences</i> , 2003, 26, 33-33.	0.7	1
54	Strong modularity and circular reasoning pervade the planning control model. <i>Behavioral and Brain Sciences</i> , 2004, 27, .	0.7	1

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55	Haptic Perception of Affordances of a Sport Implement: Choosing Hockey Sticks for Power versus Precision Actions on the Basis of "Feel". Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 1918-1922.	0.3	1
56	Static Posturography and Recurrence Quantification Reliably Detect Postural Instability. Proceedings of the Human Factors and Ergonomics Society, 2004, 48, 2512-2516.	0.3	1
57	Early learning differences between intra- and interpersonal interlimb coordination. Human Movement Science, 2020, 73, 102682.	1.4	1
58	Unpredictable task demands and motor performance in individuals with neuromotor disability: a scoping review. Physical Therapy Reviews, 2021, 26, 177-187.	0.8	1
59	Grip force anticipation of nonlinear, underactuated load force. Journal of Neurophysiology, 2021, 125, 1647-1662.	1.8	1
60	Inadequate information and deficient perception. Behavioral and Brain Sciences, 2001, 24, 238-239.	0.7	0
61	Modulation of Postural Sway during Manual Aiming. Proceedings of the Human Factors and Ergonomics Society, 2001, 45, 1931-1934.	0.3	0
62	The Proprioceptive Aftereffects of Prism Adaptation Influence Interlimb Rhythmic Coordination. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 2179-2183.	0.3	0
63	Haptic Perception of Whole and Partial Extents of Small Objects. Proceedings of the Human Factors and Ergonomics Society, 2002, 46, 2193-2196.	0.3	0
64	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.	0.3	0
65	Length Perception by Dynamic Touch under Dual-Task Conditions. Proceedings of the Human Factors and Ergonomics Society, 2003, 47, 1708-1711.	0.3	0