Nicholas O'Dwyer

List of Publications by Year
in descending order

43 papers	1,599 citations	377584 21 h-index	340414 39 g-index
43 all docs	43 docs citations	43 times ranked	2229 citing authors

#	Article	IF	Citations
1	A biomechanical comparison of conventional classifications of bowling action-types in junior fast bowlers. Journal of Sports Sciences, 2020, 38, 1085-1095.	1.0	2
2	Caution using data from triaxial accelerometers housed in player tracking units during running. Journal of Sports Sciences, 2019, 37, 810-818.	1.0	34
3	Learning â€œMath on the Moveâ€• Effectiveness of a Combined Numeracy and Physical Activity Program for Primary School Children. Journal of Physical Activity and Health, 2018, 15, 492-498.	1.0	14
4	Consistency of kinematic and kinetic patterns during a prolonged spell of cricket fast bowling: an exploratory laboratory study. Journal of Sports Sciences, 2018, 36, 679-690.	1.0	18
5	Synergies in coordination: a comprehensive overview of neural, computational, and behavioral approaches. Journal of Neurophysiology, 2018, 120, 2761-2774.	0.9	58
6	Association between Haem and Non-Haem Iron Intake and Serum Ferritin in Healthy Young Women. Nutrients, 2018, 10, 81.	1.7	53
7	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.	1.2	4
8	The effect of acute and chronic exercise on cognitive function and academic performance in adolescents: A systematic review. Journal of Science and Medicine in Sport, 2017, 20, 841-848.	0.6	80
9	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.	0.6	2
10	Sex Differences in Drop Landing. Perceptual and Motor Skills, 2017, 124, 992-1008.	0.6	6
11	Iron Deficiency Anemia, Not Iron Deficiency, Is Associated with Reduced Attention in Healthy Young Women. Nutrients, 2017, 9, 1216.	1.7	24
12	Relationship between Obesity and Cognitive Function in Young Women: The Food, Mood and Mind Study. Journal of Obesity, 2017, 2017, 1-11.	1.1	47
13	A predictive model for diagnosing stroke-related apraxia of speech. Neuropsychologia, 2016, 81, 129-139.	0.7	69
14	Relationship between physical activity and cognitive function in apparently healthy young to middle-aged adults: A systematic review. Journal of Science and Medicine in Sport, 2016, 19, 616-628.	0.6	108
15	Perceptual and motor learning underlies human stick-balancing skill. Journal of Neurophysiology, 2015, 113, 156-171.	0.9	4
16	Relationships Between Fitness on the Cognitive Function and Academic Performance of Sedentary Adolescent Schoolboys. Medicine and Science in Sports and Exercise, 2014, 46, 73.	0.2	0
17	Effectiveness Of Combining Physical Activity With A Numeracy Learning Task In Primary School Children. Medicine and Science in Sports and Exercise, 2014, 46, 230.	0.2	0
18	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.	1.1	18

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19	Relation Of Obesity, Physical Activity and Inflammation to Cognitive Performance In Young Women. Medicine and Science in Sports and Exercise, 2014, 46, 216.	0.2	0
20	Sex differences in the kinematics and neuromuscular control of landing: Biological, environmental and sociocultural factors. Journal of Electromyography and Kinesiology, 2013, 23, 747-758.	0.7	26
21	Human stick balancing: an intermittent control explanation. Biological Cybernetics, 2013, 107, 637-652.	0.6	40
22	Identifying Coordinative Structure Using Principal Component Analysis Based on Coherence Derived From Linear Systems Analysis. Journal of Motor Behavior, 2013, 45, 167-179.	0.5	11
23	A review on the coordinative structure of human walking and the application of principal component analysis. Neural Regeneration Research, 2013, 8, 662-70.	1.6	17
24	Associated Reactions during a Visual Pursuit Position Tracking Task in Hemiplegic and Quadriplegic Cerebral Palsy. Chinese Journal of Physiology, 2013, 56, 117-26.	0.4	2
25	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.	0.9	6
26	Does self-efficacy mediate transfer effects in the learning of easy and difficult motor skills?. Consciousness and Cognition, 2012, 21, 1122-1128.	0.8	50
27	A new paradigm for human stick balancing: a suspended not an inverted pendulum. Experimental Brain Research, 2012, 221, 309-328.	0.7	17
28	Independent assessment of pattern and offset variability of time series waveforms. Gait and Posture, 2009, 29, 285-289.	0.6	25
29	Relation between spasticity, weakness and contracture of the elbow flexors and upper limb activity after stroke: An observational study. Disability and Rehabilitation, 2006, 28, 891-897.	0.9	161
30	Physiotherapy Rehabilitation of the Smile after Long-Term Facial Nerve Palsy using Video Self-Modeling and Implementation Intentions. Otolaryngology - Head and Neck Surgery, 2006, 134, 48-55.	1.1	48
31	Entrainment to extinction of physiological tremor by spindle afferent input. Experimental Brain Research, 2006, 171, 194-203.	0.7	18
32	Bilateral conjugacy of movement initiation is retained at the eye but not at the mouth following long-term unilateral facial nerve palsy. Experimental Brain Research, 2006, 173, 153-158.	0.7	4
33	Systematic nonlinear relations between displacement amplitude and joint mechanics at the human wrist. Journal of Biomechanics, 2006, 39, 2171-2182.	0.9	33
34	Degrees of freedom and motor planning in purposive movement. Human Movement Science, 2005, 24, 710-730.	0.6	19
35	Reliability of the â€œSydney,â€•â€œSunnybrook,â€•and â€œHouse Brackmannâ€•Facial Grading Systems to Assess Voluntary Movement and Synkinesis after Facial Nerve Paralysis. Otolaryngology - Head and Neck Surgery, 2005, 132, 543-549.	1.1	174
36	Loss of strength contributes more to physical disability after stroke than loss of dexterity. Clinical Rehabilitation, 2004, 18, 300-308.	1.0	180

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37	Pulsatile control of the human masticatory muscles. Journal of Physiology, 2003, 547, 613-620.	1.3	23
38	Coordination of the ankle joint complex during walking. Human Movement Science, 2001, 20, 447-460.	0.6	18
39	Do associated reactions in the upper limb after stroke contribute to contracture formation?. Clinical Rehabilitation, 2001, 15, 186-194.	1.0	27
40	Slowness to develop force contributes to weakness after stroke. Archives of Physical Medicine and Rehabilitation, 1999, 80, 66-70.	0.5	90
41	The nature of the loss of strength and dexterity in the upper limb following stroke. Human Movement Science, 1996, 15, 671-687.	0.6	37
42	Improvement in kinematic characteristics and coordination following stroke quantified by linear systems analysis. Human Movement Science, 1993, 12, 137-153.	0.6	17
43	Onset Sequencing of Selected Lip Muscles in Stutterers and Nonstutterers. Journal of Speech, Language, and Hearing Research, 1988, 31, 28-35.	0.7	15