

# Jacqueline Williams

## List of Publications by Year in descending order

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46  
papers

1,832  
citations

209248

26  
h-index

274767

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

1953  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of motor skill impairment in preterm children who do not develop cerebral palsy: a systematic review. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, 232-237.	2.7	210
2	The relationship between corticospinal excitability during motor imagery and motor imagery ability. <i>Behavioural Brain Research</i> , 2012, 226, 369-375.	2.3	122
3	Combined action observation and imagery facilitates corticospinal excitability. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 951.	2.1	111
4	The link between motor impairment level and motor imagery ability in children with developmental coordination disorder. <i>Human Movement Science</i> , 2008, 27, 270-285.	1.4	93
5	Does Early Age at Brain Insult Predict Worse Outcome? Neuropsychological Implications. <i>Journal of Pediatric Psychology</i> , 2010, 35, 716-727.	2.2	86
6	Motor, visual and egocentric transformations in children with Developmental Coordination Disorder. <i>Child: Care, Health and Development</i> , 2006, 32, 633-647.	1.7	69
7	Mirror neuron system activation in children with developmental coordination disorder: A replication functional MRI study. <i>Research in Developmental Disabilities</i> , 2019, 84, 16-27.	2.3	69
8	Applied potential tomography for non-invasive temperature mapping in hyperthermia. <i>Clinical Physics and Physiological Measurement: an Official Journal of the Hospital Physicists' Association, Deutsche Gesellschaft Fur Medizinische Physik and the European Federation of Organisations for Medical Physics</i> , 1987, 8, 147-153.	0.5	55
9	Differential activation of brain areas in children with developmental coordination disorder during tasks of manual dexterity: An ALE meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 86, 77-84.	6.6	50
10	Investigating Central Mechanisms Underlying the Effects of Action Observation and Imagery Through Transcranial Magnetic Stimulation. <i>Journal of Motor Behavior</i> , 2011, 43, 361-373.	1.0	48
11	Motor imagery skills of children with Attention Deficit Hyperactivity Disorder and Developmental Coordination Disorder. <i>Human Movement Science</i> , 2013, 32, 121-135.	1.4	47
12	A systematic review of mirror neuron system function in developmental coordination disorder: Imitation, motor imagery, and neuroimaging evidence. <i>Research in Developmental Disabilities</i> , 2015, 47, 234-283.	2.3	47
13	Internal representation of movement in children with developmental coordination disorder: a mental rotation task. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 754-9.	2.7	45
14	A comparison of motor imagery performance in children with spastic hemiplegia and developmental coordination disorder. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2011, 33, 273-282.	1.4	39
15	Reduced motor imagery efficiency is associated with online control difficulties in children with probable developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2015, 45-46, 239-252.	2.3	39
16	Working Memory Capacity Limits Motor Learning When Implementing Multiple Instructions. <i>Frontiers in Psychology</i> , 2017, 8, 1350.	2.3	39
17	Anodal transcranial direct current stimulation of the motor cortex increases cortical voluntary activation and neural plasticity. <i>Muscle and Nerve</i> , 2016, 54, 903-913.	2.3	38
18	Viewing Instructions Accompanying Action Observation Modulate Corticospinal Excitability. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 17.	2.1	36

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19	Combined action observation and motor imagery facilitates visuomotor adaptation in children with developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2020, 98, 103570.	2.3	35
20	Modeling the Maturation of Grip Selection Planning and Action Representation: Insights from Typical and Atypical Motor Development. <i>Frontiers in Psychology</i> , 2016, 7, 108.	2.3	34
21	Assessing motor imagery using the hand rotation task: Does performance change across childhood?. <i>Human Movement Science</i> , 2014, 35, 50-65.	1.4	33
22	Motor imagery is less efficient in adults with probable developmental coordination disorder: Evidence from the hand rotation task. <i>Research in Developmental Disabilities</i> , 2014, 35, 3062-3070.	2.3	33
23	Cross-education of muscular strength is facilitated by homeostatic plasticity. <i>European Journal of Applied Physiology</i> , 2017, 117, 665-677.	2.5	33
24	Motor imagery ability and internal representation of movement in children with probable developmental coordination disorder. <i>Human Movement Science</i> , 2015, 44, 287-298.	1.4	31
25	White matter alterations in adults with probable developmental coordination disorder. <i>NeuroReport</i> , 2017, 28, 87-92.	1.2	31
26	Gross and fine motor skills in children treated for acute lymphoblastic leukaemia. <i>Developmental Neurorehabilitation</i> , 2013, 16, 180-187.	1.2	30
27	Combined action observation and motor imagery: An intervention to combat the neural and behavioural deficits associated with developmental coordination disorder. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 638-646.	6.6	30
28	Motor imagery in children with DCD: A systematic and meta-analytic review of hand-rotation task performance. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 282-297.	6.6	29
29	Developmental Coordination Disorder and Cerebral Palsy: Is There a Continuum?. <i>Current Developmental Disorders Reports</i> , 2014, 1, 118-124.	2.1	28
30	Diminished motor imagery capability in adults with motor impairment: An fMRI mental rotation study. <i>Behavioural Brain Research</i> , 2017, 334, 86-96.	2.3	28
31	Corticospinal excitability during motor imagery is reduced in young adults with developmental coordination disorder. <i>Research in Developmental Disabilities</i> , 2018, 72, 214-224.	2.3	28
32	Motor imagery ability in children with congenital hemiplegia: Effect of lesion side and functional level. <i>Research in Developmental Disabilities</i> , 2011, 32, 740-748.	2.3	24
33	Developmental improvements in reaching correction efficiency are associated with an increased ability to represent action mentally. <i>Journal of Experimental Child Psychology</i> , 2015, 140, 74-91.	1.5	24
34	Physical Education Pedagogies Built upon Theories of Movement Learning: How Can Environmental Constraints Be Manipulated to Improve Children's Executive Function and Self-Regulation Skills?. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1630.	2.7	21
35	Does Implicit Motor Imagery Ability Predict Reaching Correction Efficiency? A Test of Recent Models of Human Motor Control. <i>Journal of Motor Behavior</i> , 2013, 45, 259-269.	1.0	17
36	Developmental Trajectory of Information-Processing Skills in Children: Computer-Based Assessment. <i>Applied Neuropsychology: Child</i> , 2016, 5, 35-43.	1.5	17

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37	Primary Motor Cortex Excitability Is Modulated During the Mental Simulation of Hand Movement. <i>Journal of the International Neuropsychological Society</i> , 2017, 23, 185-193.	2.3	17
38	White matter organization in developmental coordination disorder: A pilot study exploring the added value of constrained spherical deconvolution. <i>NeuroImage: Clinical</i> , 2019, 21, 101625.	2.8	17
39	Motor Imagery of the Unaffected Hand in Children With Spastic Hemiplegia. <i>Developmental Neuropsychology</i> , 2012, 37, 84-97.	1.4	15
40	Constraints on motor planning across the life span: Physical, cognitive, and motor factors.. <i>Psychology and Aging</i> , 2020, 35, 421-433.	1.5	14
41	Motor impairments in children: More than just the clumsy child. <i>Journal of Paediatrics and Child Health</i> , 2018, 54, 1131-1135.	0.8	12
42	A novel strategy for deciphering dynamic conservation of gene expression relationship. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 177-179.	3.3	3
43	Motor imagery in congenital hemiplegia: Impairments are not universal. <i>Research in Developmental Disabilities</i> , 2021, 114, 103991.	2.3	3
44	Reply: Early plasticity versus early vulnerability: the problem of heterogeneous lesion mechanism. <i>Brain</i> , 2009, 132, e129-e129.	8.0	1
45	Rapid On-Line Control to Reaching Is Preserved in Children With Congenital Spastic Hemiplegia. <i>Journal of Child Neurology</i> , 2015, 30, 1186-1191.	1.7	1
46	Reply: Timing of brain damage and verbal-performance IQ tilts. <i>Brain</i> , 2009, 132, e132-e132.	8.0	0