

# Peter H Wilson

## List of Publications by Year in descending order

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Version: 2024-02-01

120  
papers

7,008  
citations

66250

44  
h-index

73587

79  
g-index

124  
all docs

124  
docs citations

124  
times ranked

5039  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.1	27
2	Who, what, when, where, why, and how: A systematic review of the quality of post-stroke cognitive rehabilitation protocols. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101623.	1.1	5
3	The subtypes of developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 1366-1374.	1.1	13
4	Single-channel EEG measurement of engagement in virtual rehabilitation: a validation study. <i>Virtual Reality</i> , 2021, 25, 357-366.	4.1	12
5	Co-located (multi-user) virtual rehabilitation of acquired brain injury: feasibility of the Resonance system for upper-limb training. <i>Virtual Reality</i> , 2021, 25, 719-730.	4.1	1
6	Navigating the link between processing speed and network communication in the human brain. <i>Brain Structure and Function</i> , 2021, 226, 1281-1302.	1.2	23
7	Individual differences in attentional lapses are associated with fiber-specific white matter microstructure in healthy adults. <i>Psychophysiology</i> , 2021, 58, e13871.	1.2	4
8	Home-based (virtual) rehabilitation improves motor and cognitive function for stroke patients: a randomized controlled trial of the Elements (EDNA-22) system. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2021, 18, 165.	2.4	10
9	Is Wii-based motor training better than task-specific matched training for children with developmental coordination disorder? A randomized controlled trial. <i>Disability and Rehabilitation</i> , 2020, 42, 2611-2620.	0.9	16
10	Predicting functional outcomes after stroke: an observational study of acute single-channel EEG. <i>Topics in Stroke Rehabilitation</i> , 2020, 27, 161-172.	1.0	18
11	Development of motor planning in children: Disentangling elements of the planning process. <i>Journal of Experimental Child Psychology</i> , 2020, 199, 104945.	0.7	13
12	Motor imagery and action observation for predictive control in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1352-1355.	1.1	17
13	Cognitive and motor function in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1317-1323.	1.1	32
14	Unsupervised assessment of cognition in the Healthy Brain Project: Implications for web-based registries of individuals at risk for Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2020, 6, e12043.	1.8	34
15	Is Developmental Coordination Disorder a Dysconnection Syndrome?. <i>Current Developmental Disorders Reports</i> , 2020, 7, 1-13.	0.9	8
16	Accelerated intermittent theta burst stimulation in major depression induces decreases in modularity: A connectome analysis. <i>Network Neuroscience</i> , 2019, 3, 157-172.	1.4	20
17	Activation of Mirror Neuron Regions Is Altered in Developmental Coordination Disorder (DCD) – Neurophysiological Evidence Using an Action Observation Paradigm. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 232.	1.0	12
18	International clinical practice recommendations on the definition, diagnosis, assessment, intervention, and psychosocial aspects of developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 242-285.	1.1	420

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19	Elements virtual rehabilitation improves motor, cognitive, and functional outcomes in adult stroke: evidence from a randomized controlled pilot study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2019, 16, 56.	2.4	78
20	The structural connectome in traumatic brain injury: A meta-analysis of graph metrics. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 99, 128-137.	2.9	54
21	Evaluating the evidence for motor-based interventions in developmental coordination disorder: A systematic review and meta-analysis. <i>Research in Developmental Disabilities</i> , 2018, 74, 72-102.	1.2	117
22	Evidence for Training-Dependent Structural Neuroplasticity in Brain-Injured Patients: A Critical Review. <i>Neurorehabilitation and Neural Repair</i> , 2018, 32, 99-114.	1.4	35
23	What do randomized controlled trials say about virtual rehabilitation in stroke? A systematic literature review and meta-analysis of upper-limb and cognitive outcomes. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2018, 15, 29.	2.4	138
24	Role of Pediatric Physical Therapists in Promoting Sports Participation in Developmental Coordination Disorder. <i>Pediatric Physical Therapy</i> , 2018, 30, 106-111.	0.3	14
25	Hybrid is not a dirty word: Commentary on Wade and Kazeck (2017). <i>Human Movement Science</i> , 2018, 57, 510-515.	0.6	3
26	Motor planning in children with cerebral palsy: A longitudinal perspective. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 559-566.	0.8	12
27	General and Domain-Specific Effectiveness of Cognitive Remediation after Stroke: Systematic Literature Review and Meta-Analysis. <i>Neuropsychology Review</i> , 2018, 28, 285-309.	2.5	42
28	Characteristics Influencing Diversity of Participation of Children in Activities Outside School. <i>American Journal of Occupational Therapy</i> , 2018, 72, 7204205010p1-7204205010p9.	0.1	2
29	MMORPG gaming and hostility predict Internet Addiction symptoms in adolescents: An empirical multilevel longitudinal study. <i>Addictive Behaviors</i> , 2017, 64, 294-300.	1.7	91
30	Testing predictive control of movement in children with developmental coordination disorder using converging operations. <i>British Journal of Psychology</i> , 2017, 108, 73-90.	1.2	30
31	DCD and comorbidity in neurodevelopmental disorder: How to deal with complexity?. <i>Human Movement Science</i> , 2017, 53, 1-4.	0.6	13
32	A multilevel longitudinal study of experiencing virtual presence in adolescence: the role of anxiety and openness to experience in the classroom. <i>Behaviour and Information Technology</i> , 2017, 36, 524-539.	2.5	8
33	Mapping the functional connectome in traumatic brain injury: What can graph metrics tell us?. <i>NeuroImage</i> , 2017, 160, 113-123.	2.1	93
34	Development of motor imagery and anticipatory action planning in children with developmental coordination disorder – A longitudinal approach. <i>Human Movement Science</i> , 2017, 55, 296-306.	0.6	19
35	Cognitive and neuroimaging findings in developmental coordination disorder: new insights from a systematic review of recent research. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 1117-1129.	1.1	156
36	Toward a Hybrid Model of Developmental Coordination Disorder. <i>Current Developmental Disorders Reports</i> , 2017, 4, 64-71.	0.9	26

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37	White matter alterations in adults with probable developmental coordination disorder. <i>NeuroReport</i> , 2017, 28, 87-92.	0.6	31
38	Diminished motor imagery capability in adults with motor impairment: An fMRI mental rotation study. <i>Behavioural Brain Research</i> , 2017, 334, 86-96.	1.2	28
39	Participation, both a means and an end: a conceptual analysis of processes and outcomes in childhood disability. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 16-25.	1.1	361
40	Feasibility of Motor Imagery Training for Children with Developmental Coordination Disorder – A Pilot Study. <i>Frontiers in Psychology</i> , 2017, 8, 1271.	1.1	32
41	Acute single channel EEG predictors of cognitive function after stroke. <i>PLoS ONE</i> , 2017, 12, e0185841.	1.1	51
42	Motor imagery training enhances motor skill in children with DCD: A replication study. <i>Research in Developmental Disabilities</i> , 2016, 57, 54-62.	1.2	59
43	Coupling of online control and inhibitory systems in children with atypical motor development: A growth curve modelling study. <i>Brain and Cognition</i> , 2016, 109, 84-95.	0.8	30
44	Motor imagery difficulties in children with Cerebral Palsy: A specific or general deficit?. <i>Research in Developmental Disabilities</i> , 2016, 57, 102-111.	1.2	22
45	Revealing hot executive function in children with motor coordination problems: What's the go?. <i>Brain and Cognition</i> , 2016, 106, 55-64.	0.8	23
46	Integrating New Technologies into the Treatment of CP and DCD. <i>Current Developmental Disorders Reports</i> , 2016, 3, 138-151.	0.9	16
47	Test-retest reliability of a single-channel, wireless EEG system. <i>International Journal of Psychophysiology</i> , 2016, 106, 87-96.	0.5	93
48	Neural signature of developmental coordination disorder in the structural connectome independent of comorbid autism. <i>Developmental Science</i> , 2016, 19, 599-612.	1.3	52
49	Working memory binding of visual object features in older adults. <i>Aging, Neuropsychology, and Cognition</i> , 2016, 23, 263-281.	0.7	21
50	Source localization of an event-related potential marker of executive attention following mild traumatic brain injury. <i>NeuroReport</i> , 2015, 26, 903-907.	0.6	2
51	Second generation system development and multi-centre studies of the Elements VR-rehab system. , 2015, , .		0
52	Implementation of the interteaching model: implications for staff. <i>Innovations in Education and Teaching International</i> , 2015, 52, 300-309.	1.5	1
53	Reprint of "Deficits of hot executive function in developmental coordination disorder: Sensitivity to positive social cues". <i>Human Movement Science</i> , 2015, 42, 352-367.	0.6	14
54	DCD research: How are we moving along?. <i>Human Movement Science</i> , 2015, 42, 289-292.	0.6	8

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55	The influence of task paradigm on motor imagery ability in children with Developmental Coordination Disorder. <i>Human Movement Science</i> , 2015, 44, 81-90.	0.6	17
56	Coupling online control and inhibitory systems in children with Developmental Coordination Disorder: Goal-directed reaching. <i>Research in Developmental Disabilities</i> , 2015, 36, 244-255.	1.2	28
57	Resonance: An Interactive Tabletop Artwork for Co-located Group Rehabilitation and Play. <i>Lecture Notes in Computer Science</i> , 2015, , 420-431.	1.0	16
58	Executive Systems Constrain the Flexibility of Online Control in Children During Goal-Directed Reaching. <i>Developmental Neuropsychology</i> , 2014, 39, 51-68.	1.0	15
59	Deficits of hot executive function in developmental coordination disorder: Sensitivity to positive social cues. <i>Human Movement Science</i> , 2014, 38, 209-224.	0.6	16
60	Hot executive function in children with Developmental Coordination Disorder: Evidence for heightened sensitivity to immediate reward. <i>Cognitive Development</i> , 2014, 32, 23-37.	0.7	16
61	Compromised motor control in children with DCD: A deficit in the internal model? A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2014, 47, 225-244.	2.9	165
62	Mild impairments of motor imagery skills in children with DCD. <i>Research in Developmental Disabilities</i> , 2014, 35, 1152-1159.	1.2	45
63	Applications of VR Technologies for Childhood Disability. <i>Virtual Reality Technologies for Health and Clinical Applications</i> , 2014, , 203-216.	0.8	6
64	Impaired Online Control in Children With Developmental Coordination Disorder Reflects Developmental Immaturity. <i>Developmental Neuropsychology</i> , 2013, 38, 81-97.	1.0	53
65	Age-related changes in motor imagery from early childhood to adulthood: Probing the internal representation of speed-accuracy trade-offs. <i>Human Movement Science</i> , 2013, 32, 1151-1162.	0.6	34
66	Noise, variability, and motor performance in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 69-72.	1.1	56
67	An 18-month follow-up investigation of motor coordination and working memory in primary school children. <i>Human Movement Science</i> , 2013, 32, 1116-1126.	0.6	23
68	Diagnosis disorder. <i>New Scientist</i> , 2013, 217, 29.	0.0	0
69	The development of rapid online control in children aged 6-12years: Reaching performance. <i>Human Movement Science</i> , 2013, 32, 1138-1150.	0.6	41
70	Understanding performance deficits in developmental coordination disorder: a meta-analysis of recent research. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 217-228.	1.1	345
71	Efficacy of interventions to improve motor performance in children with developmental coordination disorder: a combined systematic review and meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 229-237.	1.1	230
72	Designing Co-located Tabletop Interaction for Rehabilitation of Brain Injury. <i>Lecture Notes in Computer Science</i> , 2013, , 391-400.	1.0	11

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73	Barriers to Repeated Assessment of Verbal Learning and Memory: A Comparison of International Shopping List Task and Rey Auditory Verbal Learning Test on Build-Up of Proactive Interference. Archives of Clinical Neuropsychology, 2012, 27, 790-795.	0.3	6
74	Upper-limb virtual rehabilitation for traumatic brain injury: A preliminary within-group evaluation of the elements system. Brain Injury, 2012, 26, 166-176.	0.6	32
75	Use of virtual reality in rehabilitation of movement in children with hemiplegia – A multiple case study evaluation. Disability and Rehabilitation, 2012, 34, 593-604.	0.9	44
76	Deficits in the covert orienting of attention in children with Developmental Coordination Disorder: Does severity of DCD count?. Research in Developmental Disabilities, 2012, 33, 1516-1522.	1.2	18
77	European Academy for Childhood Disability (EACD): Recommendations on the definition, diagnosis and intervention of developmental coordination disorder (long version)*. Developmental Medicine and Child Neurology, 2012, 54, 54-93.	1.1	443
78	A comparison of motor imagery performance in children with spastic hemiplegia and developmental coordination disorder. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 273-282.	0.8	39
79	Validation of the Elements/RE-ACTION System for use with children: Evaluation of performance across developmental stages. , 2011, , .		1
80	Dissecting online control in Developmental Coordination Disorder: A kinematic analysis of double-step reaching. Brain and Cognition, 2011, 75, 232-241.	0.8	76
81	Online motor control in children with developmental coordination disorder: chronometric analysis of double-step reaching performance. Child: Care, Health and Development, 2011, 37, 111-122.	0.8	67
82	Virtual rehabilitation of upper-limb function in traumatic brain injury: A mixed-approach evaluation of the Elements system. , 2011, , .		0
83	Sensitivity and Test-Retest Reliability of the International Shopping List Test in Assessing Verbal Learning and Memory in Mild Alzheimer's Disease. Archives of Clinical Neuropsychology, 2011, 26, 412-424.	0.3	39
84	Adult Age Differences in the Ability to Mentally Transform Object and Body Stimuli. Aging, Neuropsychology, and Cognition, 2010, 17, 709-729.	0.7	49
85	Upper limb virtual rehabilitation for traumatic brain injury: Initial evaluation of the elements system. Brain Injury, 2010, 24, 780-791.	0.6	34
86	Increasing convergence between imagined and executed movement across development: evidence for the emergence of movement representations. Developmental Science, 2009, 12, 474-483.	1.3	63
87	Motor Imagery Development in Primary School Children. Developmental Neuropsychology, 2009, 34, 103-121.	1.0	98
88	Virtual reality in acquired brain injury upper limb rehabilitation: Evidence-based evaluation of clinical research. Brain Injury, 2009, 23, 179-191.	0.6	55
89	Differences in motor imagery between children with developmental coordination disorder with and without the combined type of ADHD. Developmental Medicine and Child Neurology, 2008, 50, 608-612.	1.1	42
90	Role of visual –perceptual skills (non-motor) in children with developmental coordination disorder. Human Movement Science, 2008, 27, 649-664.	0.6	75

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91	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.	0.6	92
92	New and emerging approaches to understanding developmental coordination disorder. <i>Human Movement Science</i> , 2008, 27, 171-176.	0.6	8
93	A virtual tabletop workspace for upper-limb rehabilitation in Traumatic Brain Injury (TBI): A multiple case study evaluation. , 2008, , .		12
94	Improved Background Removal through Polarisation in Vision-Based Tabletop Interface. , 2007, , .		0
95	A virtual tabletop workspace for the assessment of upper limb function in Traumatic Brain Injury (TBI). , 2007, , .		18
96	A multilevel model for movement rehabilitation in Traumatic Brain Injury (TBI) using Virtual Environments. , 2006, , .		8
97	An EEG study of mental rotation-related negativity in children with Developmental Coordination Disorder. <i>Child: Care, Health and Development</i> , 2006, 32, 649-663.	0.8	43
98	Motor, visual and egocentric transformations in children with Developmental Coordination Disorder. <i>Child: Care, Health and Development</i> , 2006, 32, 633-647.	0.8	68
99	Developmental Coordination Disorder: current issues. <i>Child: Care, Health and Development</i> , 2006, 32, 613-618.	0.8	29
100	Classical Conditioning as the Basis for the Effective Treatment of Tinnitus-Related Distress. <i>Orl</i> , 2006, 68, 6-13.	0.6	13
101	Spatio-visual memory of children with specific language impairment: evidence for generalized processing problems. <i>International Journal of Language and Communication Disorders</i> , 2005, 40, 319-332.	0.7	113
102	Practitioner Review: Approaches to assessment and treatment of children with DCD: an evaluative review. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2005, 46, 806-823.	3.1	192
103	The relationship between friendship factors and adolescent girls' body image concern, body dissatisfaction, and restrained eating. <i>International Journal of Eating Disorders</i> , 2005, 37, 313-320.	2.1	108
104	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.	1.1	44
105	Fine motor deficiencies in children with developmental coordination disorder and learning disabilities: An underlying open-loop control deficit. <i>Human Movement Science</i> , 2003, 22, 495-513.	0.6	115
106	Procedural learning in children with developmental coordination disorder. <i>Human Movement Science</i> , 2003, 22, 515-526.	0.6	67
107	Abnormalities of motor imagery associated with somatic passivity phenomena in schizophrenia. <i>Schizophrenia Research</i> , 2003, 60, 229-238.	1.1	67
108	Motor Imagery Training Ameliorates Motor Clumsiness in Children. <i>Journal of Child Neurology</i> , 2002, 17, 491-498.	0.7	130

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109	The ability to execute saccades on the basis of efference copy: impairments in double-step saccade performance in children with developmental co-ordination disorder. <i>Experimental Brain Research</i> , 2001, 136, 73-78.	0.7	57
110	Abnormalities of motor and praxis imagery in children with DCD. <i>Human Movement Science</i> , 2001, 20, 135-159.	0.6	120
111	The effect of an external load on the force and timing components of mentally represented actions. <i>Behavioural Brain Research</i> , 2000, 108, 91-96.	1.2	93
112	Deficits in the endogenous control of covert visuospatial attention in children with developmental coordination disorder. <i>Human Movement Science</i> , 1999, 18, 421-442.	0.6	43
113	Asymmetries between dominant and non-dominant hands in real and imagined motor task performance. <i>Neuropsychologia</i> , 1999, 37, 379-384.	0.7	120
114	Abnormalities of imagined motor sequences in children with developmental coordination disorder. <i>Neuropsychologia</i> , 1999, 37, 1317-1324.	0.7	92
115	Information Processing Deficits Associated with Developmental Coordination Disorder: A Meta-analysis of Research Findings. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 1998, 39, 829-840.	3.1	211
116	A Critical Analysis of Directive Counselling as a Component of Tinnitus Retraining Therapy. <i>International Journal of Audiology</i> , 1998, 32, 273-286.	0.7	51
117	An Evaluation of Two Types of Cognitive Intervention in the Management of Chronic Tinnitus. <i>Cognitive Behaviour Therapy</i> , 1998, 27, 156-166.	0.4	37
118	Information Processing Deficits Associated with Developmental Coordination Disorder: A Meta-analysis of Research Findings. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 1998, 39, 829-840.	3.1	214
119	Covert orienting of visuospatial attention in children with developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 1997, 39, 736-745.	1.1	68
120	Partners of problem drinkers: moving into the 1990s. <i>Drug and Alcohol Review</i> , 1994, 13, 401-407.	1.1	6