

Bert Steenbergen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1851124/publications.pdf>

Version: 2024-02-01

179
papers

5,257
citations

87888

38
h-index

128289

60
g-index

186
all docs

186
docs citations

186
times ranked

3309
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	361
2	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.	6.1	165
3	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.	2.1	156
4	Activity limitation in hemiplegic cerebral palsy: evidence for disorders in motor planning. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 780.	2.1	126
5	Anticipatory planning deficits and task context effects in hemiparetic cerebral palsy. <i>Experimental Brain Research</i> , 2006, 172, 151-162.	1.5	122
6	Norm Scores of the Box and Block Test for Children Ages 3 to 10 Years. <i>American Journal of Occupational Therapy</i> , 2013, 67, 312-318.	0.3	114
7	The coordination of reaching and grasping in spastic hemiparesis. <i>Human Movement Science</i> , 2000, 19, 75-105.	1.4	101
8	Mental rotation task of hands: differential influence number of rotational axes. <i>Experimental Brain Research</i> , 2010, 203, 347-354.	1.5	101
9	Bimanual movement coordination in spastic hemiparesis. <i>Experimental Brain Research</i> , 1996, 110, 91-98.	1.5	85
10	Implicit and explicit learning: applications from basic research to sports for individuals with impaired movement dynamics. <i>Disability and Rehabilitation</i> , 2010, 32, 1509-1516.	1.8	82
11	Constraints on grip selection in hemiparetic cerebral palsy: effects of lesional side, end-point accuracy, and context. <i>Cognitive Brain Research</i> , 2004, 19, 145-159.	3.0	80
12	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.	4.6	78
13	Compromised motor planning and Motor Imagery in right Hemiparetic Cerebral Palsy. <i>Research in Developmental Disabilities</i> , 2010, 31, 1313-1322.	2.2	77
14	Motor imagery training in hemiplegic cerebral palsy: a potentially useful therapeutic tool for rehabilitation. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 690-696.	2.1	74
15	Impaired motor imagery in right hemiparetic cerebral palsy. <i>Neuropsychologia</i> , 2007, 45, 853-859.	1.6	71
16	Action planning in typically and atypically developing children (unilateral cerebral palsy). <i>Research in Developmental Disabilities</i> , 2010, 31, 1039-1046.	2.2	71
17	Pathophysiology of impaired hand function in children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 32-37.	2.1	65
18	Fingertip Force Planning During Grasp Is Disrupted by Impaired Sensorimotor Integration in Children With Hemiplegic Cerebral Palsy. <i>Pediatric Research</i> , 2006, 60, 587-591.	2.3	62

#	ARTICLE	IF	CITATIONS
19	Motor planning in congenital hemiplegia. <i>Disability and Rehabilitation</i> , 2007, 29, 13-23.	1.8	62
20	Solving a mental rotation task in congenital hemiparesis: Motor imagery versus visual imagery. <i>Neuropsychologia</i> , 2007, 45, 3324-3328.	1.6	60
21	A neurocognitive perspective on developmental disregard in children with hemiplegic cerebral palsy. <i>Research in Developmental Disabilities</i> , 2011, 32, 2157-2163.	2.2	60
22	Impaired motor planning and motor imagery in children with unilateral spastic cerebral palsy: challenges for the future of pediatric rehabilitation. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 43-46.	2.1	60
23	Behavioral evidence for left-hemisphere specialization of motor planning. <i>Experimental Brain Research</i> , 2011, 209, 65-72.	1.5	59
24	Motor imagery training enhances motor skill in children with DCD: A replication study. <i>Research in Developmental Disabilities</i> , 2016, 57, 54-62.	2.2	59
25	Achieving Coordination in Prehension: Joint Freezing and Postural Contributions. <i>Journal of Motor Behavior</i> , 1995, 27, 333-348.	0.9	57
26	Characteristics of Auditory Processing Disorders: A Systematic Review. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 384-413.	1.6	57
27	Anticipatory Planning of Movement Sequences in Hemiparetic Cerebral Palsy. <i>Motor Control</i> , 2005, 9, 439-458.	0.6	54
28	Fingertip force control during bimanual object lifting in hemiplegic cerebral palsy. <i>Experimental Brain Research</i> , 2008, 186, 191-201.	1.5	53
29	The timing of prehensile movements in subjects with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 1998, 40, 108-114.	2.1	52
30	Constraints on grip selection in cerebral palsy. <i>Experimental Brain Research</i> , 2000, 134, 385-397.	1.5	50
31	Motor learning and working memory in children born preterm: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1314-1330.	6.1	49
32	Mild impairments of motor imagery skills in children with DCD. <i>Research in Developmental Disabilities</i> , 2014, 35, 1152-1159.	2.2	45
33	Current insights in the development of children's motor imagery ability. <i>Frontiers in Psychology</i> , 2015, 6, 787.	2.1	45
34	Interventions to improve functioning, participation, and quality of life in children with visual impairment: a systematic review. <i>Survey of Ophthalmology</i> , 2019, 64, 512-557.	4.0	45
35	Same or Different: The Overlap Between Children With Auditory Processing Disorders and Children With Other Developmental Disorders: A Systematic Review. <i>Ear and Hearing</i> , 2018, 39, 1-19.	2.1	43
36	Combined effects of planning and execution constraints on bimanual task performance. <i>Experimental Brain Research</i> , 2009, 192, 61-73.	1.5	42

#	ARTICLE	IF	CITATIONS
37	Anticipatory action planning increases from 3 to 10 years of age in typically developing children. <i>Journal of Experimental Child Psychology</i> , 2013, 114, 295-305.	1.4	42
38	The role of fragility information in the guidance of the precision grip. <i>Human Movement Science</i> , 1996, 15, 115-127.	1.4	40
39	Kinematics of fast hemiparetic aiming movements toward stationary and moving targets. <i>Experimental Brain Research</i> , 2000, 132, 230-242.	1.5	40
40	Understanding the relationship between brain and upper limb function in children with unilateral motor impairments: A multimodal approach. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 143-154.	1.6	40
41	Different mental rotation strategies reflected in the rotation related negativity. <i>Psychophysiology</i> , 2012, 49, 566-573.	2.4	39
42	Deviations in upper-limb function of the less-affected side in congenital hemiparesis. <i>Neuropsychologia</i> , 2006, 44, 2296-2307.	1.6	37
43	Control of prehension in hemiparetic cerebral palsy: similarities and differences between the ipsi- and contralesional sides of the body. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 325-332.	2.1	36
44	The influence of object size on discrete bimanual co-ordination in children with hemiplegic cerebral palsy. <i>Disability and Rehabilitation</i> , 2004, 26, 603-613.	1.8	35
45	Trunk use and co-contraction in cerebral palsy as regulatory mechanisms for accuracy control. <i>Neuropsychologia</i> , 2005, 43, 497-508.	1.6	35
46	Visual information for action planning in left and right congenital hemiparesis. <i>Brain Research</i> , 2009, 1261, 54-64.	2.2	35
47	Pragmatic Abilities in Children with Congenital Visual Impairment: An Exploration of Non-literal Language and Advanced Theory of Mind Understanding. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 2440-2449.	2.7	35
48	Spoon Handling in Two-to-Four-Year-Old Children. <i>Ecological Psychology</i> , 1997, 9, 113-129.	1.1	34
49	Shoulder and Hand Displacements during Hitting, Reaching, and Grasping Movements in Hemiparetic Cerebral Palsy. <i>Motor Control</i> , 2001, 5, 166-182.	0.6	33
50	Ball catching in children with developmental coordination disorder: control of degrees of freedom. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 34-38.	2.1	33
51	Mental rotation strategies reflected in event-related (de)synchronization of alpha and mu power. <i>Psychophysiology</i> , 2013, 50, 858-863.	2.4	33
52	Assessment of upper limb capacity, performance, and developmental disregard in children with cerebral palsy: validity and reliability of the revised Video Observation Aarts and Aarts module: Determine Developmental Disregard (VOA-DR). <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 76-82.	2.1	32
53	Unravelling developmental disregard in children with unilateral cerebral palsy by measuring event-related potentials during a simple and complex task. <i>BMC Neurology</i> , 2014, 14, 6.	1.8	32
54	Action planning and position sense in children with Developmental Coordination Disorder. <i>Human Movement Science</i> , 2016, 46, 196-208.	1.4	32

#	ARTICLE	IF	CITATIONS
55	Feasibility of Motor Imagery Training for Children with Developmental Coordination Disorder – A Pilot Study. <i>Frontiers in Psychology</i> , 2017, 8, 1271.	2.1	32
56	Cognitive and motor function in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1317-1323.	2.1	32
57	Neural evidence for impaired action selection in right hemiparetic cerebral palsy. <i>Brain Research</i> , 2010, 1349, 56-67.	2.2	31
58	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.	1.8	30
59	Testing predictive control of movement in children with developmental coordination disorder using converging operations. <i>British Journal of Psychology</i> , 2017, 108, 73-90.	2.3	30
60	A detailed analysis of the planning and execution of prehension movements by three adolescents with spastic hemiparesis due to cerebral palsy. <i>Experimental Brain Research</i> , 2004, 156, 293-304.	1.5	28
61	Discrete bimanual co-ordination in children and young adolescents with hemiparetic cerebral palsy: Recent findings, implications and future research directions. <i>Developmental Neurorehabilitation</i> , 2006, 9, 127-136.	1.1	28
62	Neural Evidence for Compromised Motor Imagery in Right Hemiparetic Cerebral Palsy. <i>Frontiers in Neurology</i> , 2010, 1, 150.	2.4	28
63	Arithmetic performance of children with cerebral palsy: The influence of cognitive and motor factors. <i>Research in Developmental Disabilities</i> , 2012, 33, 530-537.	2.2	28
64	Assessing motor imagery using the hand rotation task: Does performance change across childhood?. <i>Human Movement Science</i> , 2014, 35, 50-65.	1.4	28
65	Trunk recruitment during spoon use in tetraparetic cerebral palsy. <i>Experimental Brain Research</i> , 2004, 155, 186-195.	1.5	27
66	Motor learning and movement automatization in typically developing children: The role of instructions with an external or internal focus of attention. <i>Human Movement Science</i> , 2018, 60, 183-190.	1.4	27
67	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.	2.1	27
68	Rehabilitation of reading in older individuals with macular degeneration: A review of effective training programs. <i>Aging, Neuropsychology, and Cognition</i> , 2011, 18, 708-732.	1.3	26
69	Toward a Hybrid Model of Developmental Coordination Disorder. <i>Current Developmental Disorders Reports</i> , 2017, 4, 64-71.	2.1	26
70	Motor Planning in Bimanual Object Manipulation: Two Plans for Two Hands?. <i>Motor Control</i> , 2010, 14, 240-254.	0.6	25
71	Eye-hand coordination during manual object transport with the affected and less affected hand in adolescents with hemiparetic cerebral palsy. <i>Experimental Brain Research</i> , 2008, 187, 107-116.	1.5	24
72	Heart Rate and Physical Activity Patterns in Persons With Profound Intellectual and Multiple Disabilities. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 3150-3158.	2.1	23

#	ARTICLE	IF	CITATIONS
73	Intensive upper limb intervention with self-management training is feasible and promising for older children and adolescents with unilateral cerebral palsy. <i>Research in Developmental Disabilities</i> , 2015, 43-44, 97-105.	2.2	23
74	The influence of errors during practice on motor learning in young individuals with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2015, 45-46, 353-364.	2.2	23
75	Revealing hot executive function in children with motor coordination problems: Whatâ€™s the go?. <i>Brain and Cognition</i> , 2016, 106, 55-64.	1.8	23
76	Anticipatory Planning Reveals Segmentation of Cortical Motor Output During Action Observation. <i>Cerebral Cortex</i> , 2015, 25, 192-201.	2.9	22
77	Motor imagery difficulties in children with Cerebral Palsy: A specific or general deficit?. <i>Research in Developmental Disabilities</i> , 2016, 57, 102-111.	2.2	22
78	Individual Differences Influencing Immediate Effects of Internal and External Focus Instructions on Childrenâ€™s Motor Performance. <i>Research Quarterly for Exercise and Sport</i> , 2018, 89, 190-199.	1.4	22
79	The kinematics of eating with a spoon: bringing the food to the mouth, or the mouth to the food?. <i>Experimental Brain Research</i> , 1999, 129, 68-76.	1.5	21
80	Typical and atypical (cerebral palsy) development of unimanual and bimanual grasp planning. <i>Research in Developmental Disabilities</i> , 2011, 32, 963-971.	2.2	21
81	Early numeracy in cerebral palsy: review and future research. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 202-209.	2.1	21
82	The Effect of Chronic Deafferentation on Mental Imagery: A Case Study. <i>PLoS ONE</i> , 2012, 7, e42742.	2.5	21
83	Assessment of motor imagery in cerebral palsy via mental chronometry: The case of walking. <i>Research in Developmental Disabilities</i> , 2013, 34, 4154-4160.	2.2	21
84	Children with unilateral cerebral palsy show diminished implicit motor imagery with the affected hand. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 277-284.	2.1	21
85	The relation between mirror movements and non-use of the affected hand in children with unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 152-159.	2.1	21
86	Spatial dependency of action simulation. <i>Experimental Brain Research</i> , 2011, 212, 635-644.	1.5	20
87	Effects of Hand Orientation on Motor Imagery - Event Related Potentials Suggest Kinesthetic Motor Imagery to Solve the Hand Laterality Judgment Task. <i>PLoS ONE</i> , 2013, 8, e76515.	2.5	20
88	Control of prehension in hemiparetic cerebral palsy: similarities and differences between the ipsi- and contra-lesional sides of the body. <i>Developmental Medicine and Child Neurology</i> , 2004, 46, 325-32.	2.1	20
89	Manual dexterity and keyboard use in spastic hemiparesis: a comparison between the impaired hand and the â€œgoodâ€™ hand on a number of performance measures. <i>Clinical Rehabilitation</i> , 1998, 12, 64-72.	2.2	19
90	Determining specificity of motor imagery training for upper limb improvement in chronic stroke patients: a training protocol and pilot results. <i>International Journal of Rehabilitation Research</i> , 2010, 33, 359-362.	1.3	19

#	ARTICLE	IF	CITATIONS
91	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.	1.4	19
92	Development and face validity of a cerebral visual impairment motor questionnaire for children with cerebral palsy. <i>Child: Care, Health and Development</i> , 2017, 43, 37-47.	1.7	19
93	Motor learning in children with developmental coordination disorder: The role of focus of attention and working memory. <i>Human Movement Science</i> , 2018, 62, 211-220.	1.4	19
94	Attendance Behavior of Ex-members in Fitness Clubs. <i>Perceptual and Motor Skills</i> , 2016, 122, 350-359.	1.3	18
95	Explicit and implicit motor learning in children with unilateral cerebral palsy. <i>Disability and Rehabilitation</i> , 2018, 40, 2790-2797.	1.8	18
96	Movement-Accuracy Control in Tetraparetic Cerebral Palsy: Effects of Removing Visual Information of the Moving Limb. <i>Motor Control</i> , 2005, 9, 372-394.	0.6	17
97	Upper-limb motor control in patients after stroke: Attentional demands and the potential beneficial effects of arm support. <i>Human Movement Science</i> , 2013, 32, 377-387.	1.4	17
98	Working memory and fine motor skills predict early numeracy performance of children with cerebral palsy. <i>Child Neuropsychology</i> , 2016, 22, 735-747.	1.3	17
99	Motor imagery and action observation for predictive control in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 1352-1355.	2.1	17
100	The effect of the ‘rod-and-frame’ illusion on grip planning in a sequential object manipulation task. <i>Experimental Brain Research</i> , 2008, 185, 53-62.	1.5	16
101	Feasibility and reliability of the modified Berg Balance Scale in persons with severe intellectual and visual disabilities. <i>Journal of Intellectual Disability Research</i> , 2011, 55, 292-301.	2.0	16
102	Hot executive function in children with Developmental Coordination Disorder: Evidence for heightened sensitivity to immediate reward. <i>Cognitive Development</i> , 2014, 32, 23-37.	1.3	16
103	Integrating New Technologies into the Treatment of CP and DCD. <i>Current Developmental Disorders Reports</i> , 2016, 3, 138-151.	2.1	16
104	Feasibility and effect of home-based therapy programmes for children with cerebral palsy: a protocol for a systematic review. <i>BMJ Open</i> , 2017, 7, e013687.	1.9	16
105	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.	1.8	16
106	Motor imagery training for children with developmental coordination disorder – study protocol for a randomized controlled trial. <i>BMC Neurology</i> , 2016, 16, 5.	1.8	15
107	The use of ergonomic spoons by people with cerebral palsy: effects on food spilling and movement kinematics. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 888.	2.1	14
108	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.	1.4	14

#	ARTICLE	IF	CITATIONS
109	Role of Pediatric Physical Therapists in Promoting Sports Participation in Developmental Coordination Disorder. <i>Pediatric Physical Therapy</i> , 2018, 30, 106-111.	0.6	14
110	The Roles of Declarative Knowledge and Working Memory in Explicit Motor Learning and Practice Among Children With Low Motor Abilities. <i>Motor Control</i> , 2019, 23, 34-51.	0.6	14
111	The Effects of a Self-Efficacy Intervention on Exercise Behavior of Fitness Club Members in 52 Weeks and Long-Term Relationships of Transtheoretical Model Constructs. <i>Journal of Sports Science and Medicine</i> , 2017, 16, 163-171.	1.6	14
112	Gross motor function in children with spastic Cerebral Palsy and Cerebral Visual Impairment: A comparison between outcomes of the original and the Cerebral Visual Impairment adapted Gross Motor Function Measure-88 (GMFM-88-CVI). <i>Research in Developmental Disabilities</i> , 2017, 60, 269-276.	2.2	13
113	Explicit and implicit motor sequence learning in children and adults; the role of age and visual working memory. <i>Human Movement Science</i> , 2019, 64, 1-11.	1.4	13
114	Development of motor planning in children: Disentangling elements of the planning process. <i>Journal of Experimental Child Psychology</i> , 2020, 199, 104945.	1.4	13
115	The subtypes of developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2022, 64, 1366-1374.	2.1	13
116	Neglect-like characteristics of developmental disregard in children with cerebral palsy revealed by event related potentials. <i>BMC Neurology</i> , 2014, 14, 221.	1.8	12
117	Reliability of the modified Paediatric Evaluation of Disability Inventory, Dutch version (PEDI-NL) for children with cerebral palsy and cerebral visual impairment. <i>Research in Developmental Disabilities</i> , 2015, 37, 189-201.	2.2	12
118	Motor imagery for walking: A comparison between cerebral palsy adolescents with hemiplegia and diplegia. <i>Research in Developmental Disabilities</i> , 2015, 37, 95-101.	2.2	12
119	Learning to echolocate in sighted people: a correlational study on attention, working memory and spatial abilities. <i>Experimental Brain Research</i> , 2017, 235, 809-818.	1.5	12
120	Motor planning in children with cerebral palsy: A longitudinal perspective. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2018, 40, 559-566.	1.3	12
121	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.	2.0	12
122	Examining complexity in grip selection tasks and consequent effects on planning for end-state-comfort in children with developmental coordination disorder: A systematic review and meta-analysis. <i>Child Neuropsychology</i> , 2020, 26, 534-559.	1.3	12
123	Implicit motor learning in primary school children: A systematic review. <i>Journal of Sports Sciences</i> , 2021, 39, 2577-2595.	2.0	12
124	Learning of writing letter-like sequences in children with physical and multiple disabilities. <i>Research in Developmental Disabilities</i> , 2015, 36, 150-161.	2.2	11
125	Measurement of Action Planning in Children, Adolescents, and Adults. <i>Pediatric Physical Therapy</i> , 2016, 28, 33-39.	0.6	11
126	Development of motor imagery ability in children with developmental coordination disorder – A goal-directed pointing task. <i>British Journal of Psychology</i> , 2018, 109, 187-203.	2.3	11

#	ARTICLE	IF	CITATIONS
127	Home-based bimanual training based on motor learning principles in children with unilateral cerebral palsy and their parents (the COAD-study): rationale and protocols. <i>BMC Pediatrics</i> , 2018, 18, 139.	1.7	11
128	The use of augmented toys to facilitate play in school-aged children with visual impairments. <i>Research in Developmental Disabilities</i> , 2019, 85, 70-81.	2.2	11
129	Manual dexterity and keyboard use in spastic hemiparesis: a comparison between the impaired hand and the "good" hand on a number of performance measures. <i>Clinical Rehabilitation</i> , 1998, 12, 64-72.	2.2	11
130	Attentional Processes of High-Skilled Soccer Players with Congenital Hemiparesis: Differences Related to the Side of the Hemispheric Lesion. <i>Motor Control</i> , 2008, 12, 55-66.	0.6	10
131	The learning-oddball paradigm: Data of 24 separate individuals illustrate its potential usefulness as a new clinical tool. <i>Clinical Neurophysiology</i> , 2013, 124, 514-521.	1.5	10
132	Gross motor function, functional skills and caregiver assistance in children with spastic cerebral palsy (CP) with and without cerebral visual impairment (CVI). <i>European Journal of Physiotherapy</i> , 2014, 16, 159-167.	1.3	10
133	From numeracy to arithmetic: Precursors of arithmetic performance in children with cerebral palsy from 6 till 8 years of age. <i>Research in Developmental Disabilities</i> , 2015, 45-46, 49-57.	2.2	10
134	The ability of 6- to 8-year-old children to use motor imagery in a goal-directed pointing task. <i>Journal of Experimental Child Psychology</i> , 2015, 139, 221-233.	1.4	10
135	The effects of modified constraint-induced movement therapy combined with intensive bimanual training in children with brachial plexus birth injury: a retrospective data base study. <i>Disability and Rehabilitation</i> , 2021, 43, 1-10.	1.8	10
136	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.	4.6	10
137	Activity limitation in hemiplegic cerebral palsy: evidence for disorders in motor planning. <i>Developmental Medicine and Child Neurology</i> , 2007, 48, 780-783.	2.1	9
138	Cognitive precursors of arithmetic development in primary school children with cerebral palsy. <i>Research in Developmental Disabilities</i> , 2014, 35, 826-832.	2.2	9
139	Using the MACS to facilitate communication about manual abilities of children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 948.	2.1	9
140	Motor intervention with and without Nintendo® Wii for children with developmental coordination disorder: protocol for a randomized clinical trial. <i>Trials</i> , 2019, 20, 794.	1.6	8
141	Predictive Models to Determine Imagery Strategies Employed by Children to Judge Hand Laterality. <i>PLoS ONE</i> , 2015, 10, e0126568.	2.5	8
142	Assessment of upper limb capacity in children with unilateral cerebral palsy: construct validity of a Rasch-reduced Modified House Classification. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 580-586.	2.1	7
143	The role of working memory capacity in implicit and explicit sequence learning of children: Differentiating movement speed and accuracy. <i>Human Movement Science</i> , 2020, 69, 102556.	1.4	7
144	Event-related Potentials During Target-response Tasks to Study Cognitive Processes of Upper Limb Use in Children with Unilateral Cerebral Palsy. <i>Journal of Visualized Experiments</i> , 2016, . .	0.3	6

#	ARTICLE	IF	CITATIONS
145	Development and psychometric properties of the Hand Use at Home questionnaire to assess amount of affected hand use in children with unilateral paresis. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 919-925.	2.1	6
146	Windmill-task as a New Quantitative and Objective Assessment for Mirror Movements in Unilateral Cerebral Palsy: A Pilot Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1547-1552.	0.9	6
147	The validity and reliability of the <scp>Functional Strength Measurement (FSM)</scp> in children with intellectual disabilities. <i>Journal of Intellectual Disability Research</i> , 2018, 62, 719-729.	2.0	6
148	The development of anticipatory action planning in children with unilateral cerebral palsy. <i>Research in Developmental Disabilities</i> , 2019, 85, 163-171.	2.2	6
149	Facilitating Play and Social Interaction between Children with Visual Impairments and Sighted Peers by Means of Augmented Toys. <i>Journal of Developmental and Physical Disabilities</i> , 2020, 32, 93-111.	1.6	6
150	Effectiveness of different extrinsic feedback forms on motor learning in children with cerebral palsy: a systematic review. <i>Disability and Rehabilitation</i> , 2023, 45, 1271-1284.	1.8	6
151	Implicit and explicit motor sequence learning in children born very preterm. <i>Research in Developmental Disabilities</i> , 2017, 60, 145-152.	2.2	5
152	The diagnostic trajectory of developmental coordination disorder in the Netherlands: Experiences of mothers. <i>Child: Care, Health and Development</i> , 2022, 48, 139-149.	1.7	5
153	What Can Be Learned from Smeets and Brenner's Model about the Control of Grasping?. <i>Motor Control</i> , 1999, 3, 302-306.	0.6	4
154	Evaluating the outcome of an individual functional therapy program focused on children with cerebral palsy and cerebral visual impairment: a multiple case study. <i>European Journal of Physiotherapy</i> , 2018, 20, 92-100.	1.3	4
155	Lateralized EEG mu power during action observation and motor imagery in typically developing children and children with unilateral Cerebral Palsy. <i>Clinical Neurophysiology</i> , 2020, 131, 2829-2840.	1.5	4
156	Promoting Participation in DCD: Physical Activity Levels and the Social Network. <i>Current Developmental Disorders Reports</i> , 2020, 7, 43-47.	2.1	4
157	Playful learning with sound augmented toys: comparing children with and without visual impairment. <i>Journal of Computer Assisted Learning</i> , 2020, 36, 147-159.	5.1	4
158	The Effects of Two Self-Regulation Interventions to Increase Self-Efficacy and Group Exercise Behavior in Fitness Clubs. <i>Journal of Sports Science and Medicine</i> , 2016, 15, 358-64.	1.6	4
159	Cerebral Palsy: Recent Insights into Movement Deviations. <i>Motor Control</i> , 2005, 9, 353-356.	0.6	3
160	Hybrid is not a dirty word: Commentary on Wade and Kazeck (2017). <i>Human Movement Science</i> , 2018, 57, 510-515.	1.4	3
161	Learning New Letter-like Writing Patterns Explicitly and Implicitly in Children and Adults. <i>Journal of Motor Behavior</i> , 2018, 50, 677-688.	0.9	3
162	Response to the Letter to the Editor From Moncrieff (2017) Regarding de Wit et al. (2016), "Characteristics of Auditory Processing Disorders: A Systematic Review". <i>Journal of Speech, Language, and Hearing Research</i> , 2018, 61, 1517-1519.	1.6	3

#	ARTICLE	IF	CITATIONS
163	Wii training versus non-Wii task-specific training on motor learning in children with developmental coordination disorder: A randomized controlled trial. <i>Annals of Physical and Rehabilitation Medicine</i> , 2021, 64, 101390.	2.3	3
164	Eliciting End-State Comfort Planning in Children With and Without Developmental Coordination Disorder Using a Hammer Task: A Pilot Study. <i>Frontiers in Psychology</i> , 2021, 12, 625577.	2.1	3
165	Examining Developmental Changes in Children's Motor Imagery: A Longitudinal Study. <i>Advances in Cognitive Psychology</i> , 2017, 13, 257-266.	0.5	3
166	The use of ergonomic spoons by people with cerebral palsy: effects on food spilling and movement kinematics. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 888-891.	2.1	2
167	Second-order motor planning difficulties in children with developmental coordination disorder. <i>Human Movement Science</i> , 2021, 79, 102836.	1.4	2
168	A scoping review of longitudinal studies of children with vision impairment. <i>British Journal of Visual Impairment</i> , 2023, 41, 587-609.	0.8	2
169	Benefits of an Intensive Individual CO-OP Intervention in a Group Setting for Children with DCD. <i>Occupational Therapy International</i> , 2022, 2022, 1-12.	0.7	2
170	Themes in Movement Disorders Research. <i>Motor Control</i> , 2001, 5, 95-98.	0.6	1
171	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.	6.1	1
172	Using the MACS to facilitate communication about manual abilities of children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2006, 48, 948-948.	2.1	0
173	Motor preparation in unilateral cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 877-878.	2.1	0
174	Movement quality: is beauty only in the eyes of the beholder?. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 709-710.	2.1	0
175	Second generation system development and multi-centre studies of the Elements VR-rehab system. , 2015, , .		0
176	Counting on the mental number line to make a move: sensorimotor (â€penâ€™) control and numerical processing. <i>Experimental Brain Research</i> , 2017, 235, 3141-3152.	1.5	0
177	Characteristics of peer play in children with visual impairments. <i>Research in Developmental Disabilities</i> , 2020, 105, 103714.	2.2	0
178	2 Theorie over motorisch leren en handelen. , 2016, , 43-55.		0
179	Advancing interventions for children with motor restrictions. , 0, , .		0