

Jan P Piek

List of Publications by Citations

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107
papers

5,382
citations

37
h-index

71
g-index

118
ext. papers

6,011
ext. citations

3
avg, IF

5.73
L-index

#	Paper	IF	Citations
107	Psychosocial implications of poor motor coordination in children and adolescents. <i>Human Movement Science</i> , 2001 , 20, 73-94	2.4	407
106	The role of early fine and gross motor development on later motor and cognitive ability. <i>Human Movement Science</i> , 2008 , 27, 668-81	2.4	366
105	Motor development in very preterm and very low-birth-weight children from birth to adolescence: a meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 302, 2235-42	27.4	320
104	Fine and gross motor ability in males with ADHD. <i>Developmental Medicine and Child Neurology</i> , 2007 , 45, 525-535	3.3	277
103	Motor coordination and kinaesthesia in boys with attention deficit-hyperactivity disorder. <i>Developmental Medicine and Child Neurology</i> , 1999 , 41, 159-65	3.3	250
102	The relationship between fine and gross motor ability, self-perceptions and self-worth in children and adolescents. <i>Human Movement Science</i> , 2006 , 25, 65-75	2.4	188
101	Sensory-motor deficits in children with developmental coordination disorder, attention deficit hyperactivity disorder and autistic disorder. <i>Human Movement Science</i> , 2004 , 23, 475-88	2.4	167
100	The relationship between motor coordination, executive functioning and attention in school aged children. <i>Archives of Clinical Neuropsychology</i> , 2004 , 19, 1063-76	2.7	165
99	Motor coordination, empathy, and social behaviour in school-aged children. <i>Developmental Medicine and Child Neurology</i> , 2005 , 47, 437-42	3.3	143
98	ADHD is associated with a "Western" dietary pattern in adolescents. <i>Journal of Attention Disorders</i> , 2011 , 15, 403-11	3.7	142
97	DCD and ADHD: a genetic study of their shared aetiology. <i>Human Movement Science</i> , 2006 , 25, 110-24	2.4	125
96	Developmental profiles of spontaneous movements in infants. <i>Early Human Development</i> , 1994 , 39, 109-26		107
95	Developmental coordination disorder and internalizing problems in children: The environmental stress hypothesis elaborated. <i>Developmental Review</i> , 2013 , 33, 224-238	7.4	105
94	Timing and force control in boys with attention deficit hyperactivity disorder: subtype differences and the effect of comorbid developmental coordination disorder. <i>Human Movement Science</i> , 2002 , 21, 919-45	2.4	101
93	Working memory, processing speed, and set-shifting in children with developmental coordination disorder and attention-deficit-hyperactivity disorder. <i>Developmental Medicine and Child Neurology</i> , 2007 , 49, 678-83	3.3	95
92	Fine and gross motor ability in males with ADHD. <i>Developmental Medicine and Child Neurology</i> , 2003 , 45, 525-35	3.3	95
91	An examination of the relationship between motor coordination and executive functions in adolescents. <i>Developmental Medicine and Child Neurology</i> , 2012 , 54, 1025-31	3.3	94

90	ADHD and DCD: a relationship in need of research. <i>Human Movement Science</i> , 2006 , 25, 76-89	2.4	85
89	Motor Coordination and Social-Emotional Behaviour in Preschool-aged Children. <i>International Journal of Disability Development and Education</i> , 2008 , 55, 143-151	0.8	82
88	Do motor skills in infancy and early childhood predict anxious and depressive symptomatology at school age?. <i>Human Movement Science</i> , 2010 , 29, 777-86	2.4	81
87	Depressive symptomatology in child and adolescent twins with attention-deficit hyperactivity disorder and/or developmental coordination disorder. <i>Twin Research and Human Genetics</i> , 2007 , 10, 587-96	2.2	78
86	Self-Esteem of Children and Adolescents with Physical Disabilities: Quantitative Evidence from Meta-Analysis. <i>Journal of Developmental and Physical Disabilities</i> , 2006 , 18, 219-234	1.5	77
85	The relationship between bullying and self-worth in children with movement coordination problems. <i>British Journal of Educational Psychology</i> , 2005 , 75, 453-63	3.2	69
84	Are abilities abnormally interdependent in children with autism?. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2006 , 35, 20-33	5.4	63
83	The role of dichotomous thinking and rigidity in perfectionism. <i>Behaviour Research and Therapy</i> , 2007 , 45, 1813-22	5.2	63
82	Assessment of motor functioning in the preschool period. <i>Neuropsychology Review</i> , 2012 , 22, 402-13	7.7	60
81	A longitudinal study of motor ability and kinaesthetic acuity in young children at risk of developmental coordination disorder. <i>Human Movement Science</i> , 2001 , 20, 95-110	2.4	60
80	Timing and force control during a sequential tapping task in children with and without motor coordination problems. <i>Journal of the International Neuropsychological Society</i> , 1999 , 5, 320-9	3.1	57
79	The role of variability in early motor development 2002 , 25, 452-465		56
78	Determinants of Self-Worth in Children with and without Developmental Coordination Disorder. <i>International Journal of Disability Development and Education</i> , 2000 , 47, 259-272	0.8	52
77	Attention deficit hyperactivity disorder and developmental coordination disorder: Two separate disorders or do they share a common etiology. <i>Behavioural Brain Research</i> , 2015 , 292, 484-92	3.4	50
76	Performance on the Movement Assessment Battery for Children by Australian 3- to 5-year-old children. <i>Child: Care, Health and Development</i> , 2007 , 33, 713-9	2.8	44
75	Motor coordination and psychosocial correlates in a normative adolescent sample. <i>Pediatrics</i> , 2012 , 129, e892-900	7.4	43
74	Motor coordination, working memory, and academic achievement in a normative adolescent sample: testing a mediation model. <i>Archives of Clinical Neuropsychology</i> , 2012 , 27, 766-80	2.7	43
73	Limb and gender differences in the development of coordination in early infancy. <i>Human Movement Science</i> , 2002 , 21, 621-39	2.4	41

72	A review of five tests to identify motor coordination difficulties in young adults. <i>Research in Developmental Disabilities</i> , 2015 , 41-42, 40-51	2.7	38
71	Comorbid ADHD and DCD: examining cognitive functions using the WISC-IV. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1260-9	2.7	37
70	Motor disorder and anxious and depressive symptomatology: a monozygotic co-twin control approach. <i>Research in Developmental Disabilities</i> , 2011 , 32, 1245-52	2.7	35
69	The Mediating Role of Social Skills in the Relationship between Motor Ability and Internalizing Symptoms in Pre-primary Children. <i>Infant and Child Development</i> , 2013 , 22, 151-164	1.4	34
68	An examination of the relationship between movement problems and four common developmental disorders. <i>Human Movement Science</i> , 2010 , 29, 799-808	2.4	33
67	Spontaneous kicking in fullterm and preterm infants: Are there leg asymmetries?. <i>Human Movement Science</i> , 1999 , 18, 377-395	2.4	33
66	The Elaborated Environmental Stress Hypothesis as a Framework for Understanding the Association Between Motor Skills and Internalizing Problems: A Mini-Review. <i>Frontiers in Psychology</i> , 2016 , 7, 239	3.4	33
65	Is the discrepancy criterion for defining developmental disorders valid?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004 , 45, 979-95	7.9	32
64	Rationale, design and methods for a randomised and controlled trial of the impact of virtual reality games on motor competence, physical activity, and mental health in children with developmental coordination disorder. <i>BMC Public Health</i> , 2011 , 11, 654	4.1	30
63	Early development and regression in Rett syndrome. <i>Clinical Genetics</i> , 2013 , 84, 572-6	4	29
62	Does the Animal Fun program improve social-emotional and behavioural outcomes in children aged 4-6 years?. <i>Human Movement Science</i> , 2015 , 43, 155-63	2.4	27
61	Developmental Coordination Disorder and cerebral palsy: categories or a continuum?. <i>Human Movement Science</i> , 2010 , 29, 787-98	2.4	27
60	Accuracy of drawing in a dual-task and resistance-to-distraction study: motor or attention deficit?. <i>Human Movement Science</i> , 2006 , 25, 100-9	2.4	27
59	The effect of temporal and force changes on the patterning of sequential movements. <i>Psychological Research</i> , 1993 , 55, 116-23	2.5	27
58	Does the Animal Fun program improve motor performance in children aged 4-6 years?. <i>Human Movement Science</i> , 2013 , 32, 1086-96	2.4	25
57	The identification of children with developmental coordination disorder by class and physical education teachers. <i>British Journal of Educational Psychology</i> , 1997 , 67 (Pt 1), 55-67	3.2	25
56	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	2.7	25
55	An investigation into etiological pathways of DCD and ADHD using a monozygotic twin design. <i>Twin Research and Human Genetics</i> , 2009 , 12, 381-91	2.2	24

54	The validity of psychiatric diagnoses: the case of 'specific' developmental disorders. <i>Research in Developmental Disabilities</i> , 2011 , 32, 2704-13	2.7	22
53	Can autism, language and coordination disorders be differentiated based on ability profiles?. <i>European Child and Adolescent Psychiatry</i> , 2007 , 16, 178-86	5.5	22
52	Coupling online control and inhibitory systems in children with Developmental Coordination Disorder: Goal-directed reaching. <i>Research in Developmental Disabilities</i> , 2015 , 36C, 244-255	2.7	21
51	Motivation for physical activity in children: a moving matter in need for study. <i>Human Movement Science</i> , 2013 , 32, 1097-115	2.4	20
50	A clinical investigation of motivation to change standards and cognitions about failure in perfectionism. <i>Behavioural and Cognitive Psychotherapy</i> , 2013 , 41, 565-78	2.1	19
49	Evaluation of the validity of the MAND in assessing motor impairment in young children. <i>Rehabilitation Psychology</i> , 2009 , 54, 413-421	2.7	19
48	A quantitative analysis of spontaneous kicking in two-month-old infants. <i>Human Movement Science</i> , 1996 , 15, 707-726	2.4	19
47	Motor development of children with attention deficit hyperactivity disorder. <i>Revista Brasileira De Psiquiatria</i> , 2015 , 37, 228-34	2.6	18
46	The revised DCDQ: is it a suitable screening measure for motor difficulties in adolescents?. <i>Adapted Physical Activity Quarterly</i> , 2012 , 29, 81-97	1.7	17
45	Rationale, design and methods for a randomised and controlled trial to evaluate "Animal Fun"--a program designed to enhance physical and mental health in young children. <i>BMC Pediatrics</i> , 2010 , 10, 78	2.6	17
44	The Australian Twin ADHD Project: Current Status and Future Directions. <i>Twin Research and Human Genetics</i> , 2006 , 9, 718-726	2.2	17
43	The Relationship Between Symptoms and Abilities in Autism. <i>Journal of Developmental and Physical Disabilities</i> , 2007 , 19, 251-261	1.5	16
42	An 18-month follow-up investigation of motor coordination and working memory in primary school children. <i>Human Movement Science</i> , 2013 , 32, 1116-26	2.4	15
41	The Impaired Control Scale: confirmation of factor structure and psychometric properties for social drinkers and drinkers in alcohol treatment. <i>Addiction</i> , 2002 , 97, 1339-46	4.6	15
40	The Relationship between Motor Skills, Perceived Social Support, and Internalizing Problems in a Community Adolescent Sample. <i>Frontiers in Psychology</i> , 2016 , 7, 543	3.4	14
39	The relationship between motor skills and psychosocial factors in young children: A test of the elaborated environmental stress hypothesis. <i>British Journal of Educational Psychology</i> , 2018 , 88, 363-379 ³⁻²		13
38	Developmental delays in children with ADHD. <i>Journal of Attention Disorders</i> , 2014 , 18, 466-78	3.7	13
37	Executive systems constrain the flexibility of online control in children during goal-directed reaching. <i>Developmental Neuropsychology</i> , 2014 , 39, 51-68	1.8	13

36	The reliability and validity of the positive and negative perfectionism scale. <i>Clinical Psychologist</i> , 2011 , 15, 121-132	1.6	13
35	Effect of postural instability on drawing errors in children: a synchronized kinematic analysis of hand drawing and body motion. <i>Human Movement Science</i> , 2008 , 27, 705-13	2.4	13
34	Hot executive function in children with Developmental Coordination Disorder: Evidence for heightened sensitivity to immediate reward. <i>Cognitive Development</i> , 2014 , 32, 23-37	1.7	12
33	Early development in infants at risk of childhood apraxia of speech: a longitudinal investigation. <i>Developmental Neuropsychology</i> , 2013 , 38, 197-210	1.8	12
32	Is a quantitative approach useful in the comparison of spontaneous movements in fullterm and preterm infants?. <i>Human Movement Science</i> , 2001 , 20, 717-36	2.4	12
31	The relationship between motor skills, ADHD symptoms, and childhood body weight. <i>Research in Developmental Disabilities</i> , 2016 , 55, 279-86	2.7	12
30	Motor skills and internalizing problems throughout development: An integrative research review and update of the environmental stress hypothesis research. <i>Research in Developmental Disabilities</i> , 2019 , 84, 96-111	2.7	11
29	How uniform is the structure of ability across childhood?. <i>European Journal of Developmental Psychology</i> , 2009 , 6, 432-454	1.5	11
28	Reprint of "Deficits of hot executive function in developmental coordination disorder: Sensitivity to positive social cues". <i>Human Movement Science</i> , 2015 , 42, 352-67	2.4	10
27	Trajectories and predictors of developmental skills in healthy twins up to 24 months of age. <i>Research in Social and Administrative Pharmacy</i> , 2013 , 36, 670-8	2.9	10
26	Prelinguistic communication development in children with childhood apraxia of speech: a retrospective analysis. <i>International Journal of Speech-Language Pathology</i> , 2012 , 14, 35-47	2.1	10
25	How to distinguish normal from disordered children with poor language or motor skills. <i>International Journal of Language and Communication Disorders</i> , 2010 , 45, 336-44	2.9	10
24	Motor coordination and kinaesthesia in boys with attention deficit/hyperactivity disorder. <i>Developmental Medicine and Child Neurology</i> , 2007 , 41, 159-165	3.3	10
23	Motor coordination, empathy, and social behaviour in school-aged children. <i>Developmental Medicine and Child Neurology</i> , 2007 , 47, 437-442	3.3	10
22	Cognitive and motor function in developmental coordination disorder. <i>Developmental Medicine and Child Neurology</i> , 2020 , 62, 1317-1323	3.3	10
21	Towards a model of contemporary parenting: the parenting behaviours and dimensions questionnaire. <i>PLoS ONE</i> , 2015 , 10, e0114179	3.7	9
20	Positive and Negative Perfectionism and the Big Five Personality Factors. <i>Behaviour Change</i> , 2015 , 32, 104-113	1.1	8
19	Phenotype refinement for comorbid attention deficit hyperactivity disorder and reading disability. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2013 , 162B, 44-54	3.5	8

18	The crucial role of the predictability of motor response in visuomotor deficits in very preterm children at school age. <i>Developmental Medicine and Child Neurology</i> , 2013 , 55, 624-30	3.3	8
17	The Children's Perceived Locus of Causality Scale for Physical Education. <i>Journal of Teaching in Physical Education</i> , 2014 , 33, 162-185	2.2	7
16	Chapter 8 The contribution of spontaneous movements in the acquisition of motor coordination in infants. <i>Advances in Psychology</i> , 1995 , 199-230		7
15	The Coordination of Bimanual Synchronous and Alternating Tapping Sequences. <i>Journal of Motor Behavior</i> , 1995 , 27, 3-15	1.4	7
14	Rationale, design and methods for a randomised and controlled trial to investigate whether home access to electronic games decreases children's physical activity. <i>BMC Public Health</i> , 2009 , 9, 212	4.1	6
13	The Relationship Between Motor Skills, Social Problems, and ADHD Symptomatology: Does It Vary According to Parent and Teacher Report?. <i>Journal of Attention Disorders</i> , 2018 , 22, 796-805	3.7	5
12	The relationship between motor skills, perceived self-competence, peer problems and internalizing problems in a community sample of children. <i>Infant and Child Development</i> , 2018 , 27, e2073	1.4	5
11	Can the Child Behavior Checklist be used to screen for motor impairment?. <i>Developmental Medicine and Child Neurology</i> , 2010 , 52, 200-4	3.3	5
10	The Australian Twin ADHD Project: current status and future directions. <i>Twin Research and Human Genetics</i> , 2006 , 9, 718-26	2.2	5
9	Does 'Animal Fun' improve aiming and catching, and balance skills in young children?. <i>Research in Developmental Disabilities</i> , 2019 , 84, 122-130	2.7	4
8	Motor Problems as a Risk Factor for Poorer Mental Health in Children and Adolescents: What Do We Know and Should We Be Screening for Psychological Difficulties in Those with Poor Motor Skills?. <i>Current Developmental Disorders Reports</i> , 2016 , 3, 190-194	1.9	4
7	Monozygotic twins concordant and discordant for DCD: two sides to the story. <i>Twin Research and Human Genetics</i> , 2011 , 14, 79-87	2.2	3
6	The effects of alcohol on preparation for expected and unexpected events. <i>Drug and Alcohol Review</i> , 1995 , 14, 171-7	3.2	3
5	The Purpose in Life Scale: Psychometric Properties for Social Drinkers and Drinkers in Alcohol Treatment. <i>Educational and Psychological Measurement</i> , 2003 , 63, 859-871	3.1	2
4	Measure reliability of the Perceived Competence and Social Acceptance for Children Scale via Rasch analysis. <i>British Journal of Educational Psychology</i> , 2020 , 90, 130-151	3.2	1
3	Motor Disorders 2020 , 1-12		
2	A monozygotic twin design to investigate etiological factors for DCD and ADHD. <i>Journal of Pediatric Neurology</i> , 2015 , 06, 209-219	0.2	
1	Chapter 16 Perspectives on motor control and sensory-motor integration. <i>Advances in Psychology</i> , 1995 , 111, 411-419		

