

# Jaap Oosterlaan

## List of Publications by Year in descending order

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Version: 2024-02-01

304  
papers

24,233  
citations

6606

79  
h-index

10152

140  
g-index

316  
all docs

316  
docs citations

316  
times ranked

21888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of Neurobehavioral Outcomes in Very Preterm and/or Very Low Birth Weight Children. <i>Pediatrics</i> , 2009, 124, 717-728.	1.0	1,296
2	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. <i>Brain Imaging and Behavior</i> , 2014, 8, 153-182.	1.1	696
3	How specific is a deficit of executive functioning for Attention-Deficit/Hyperactivity Disorder?. <i>Behavioural Brain Research</i> , 2002, 130, 3-28.	1.2	607
4	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. <i>Lancet Psychiatry</i> , 2017, 4, 310-319.	3.7	565
5	How specific are executive functioning deficits in attention deficit hyperactivity disorder and autism?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004, 45, 836-854.	3.1	548
6	The impact of reinforcement contingencies on AD/HD: A review and theoretical appraisal. <i>Clinical Psychology Review</i> , 2005, 25, 183-213.	6.0	472
7	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	6.0	450
8	Executive functioning in adult ADHD: a meta-analytic review. <i>Psychological Medicine</i> , 2005, 35, 1097-1108.	2.7	432
9	Neurocognitive functions in pathological gambling: a comparison with alcohol dependence, Tourette syndrome and normal controls. <i>Addiction</i> , 2006, 101, 534-547.	1.7	406
10	Effects of physical activity on executive functions, attention and academic performance in preadolescent children: a meta-analysis. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 501-507.	0.6	406
11	Motor Development in Very Preterm and Very Low-Birth-Weight Children From Birth to Adolescence. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 2235.	3.8	405
12	Physical exercise and executive functions in preadolescent children, adolescents and young adults: a meta-analysis. <i>British Journal of Sports Medicine</i> , 2014, 48, 973-979.	3.1	400
13	Decision making in pathological gambling: A comparison between pathological gamblers, alcohol dependents, persons with Tourette syndrome, and normal controls. <i>Cognitive Brain Research</i> , 2005, 23, 137-151.	3.3	383
14	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	7.1	358
15	Cognitive Outcomes of Children Born Extremely or Very Preterm Since the 1990s and Associated Risk Factors. <i>JAMA Pediatrics</i> , 2018, 172, 361.	3.3	354
16	Diffusion tensor imaging in attention deficit/hyperactivity disorder: A systematic review and meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 1093-1106.	2.9	338
17	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5154-E5163.	3.3	299
18	Response Perseveration and Ventral Prefrontal Sensitivity to Reward and Punishment in Male Problem Gamblers and Smokers. <i>Neuropsychopharmacology</i> , 2009, 34, 1027-1038.	2.8	285

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19	The top and the bottom of ADHD: a neuropsychological perspective. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 583-592.	2.9	283
20	Brain activation patterns associated with cue reactivity and craving in abstinent problem gamblers, heavy smokers and healthy controls: an fMRI study. <i>Addiction Biology</i> , 2010, 15, 491-503.	1.4	281
21	Pathological gambling: a comprehensive review of biobehavioral findings. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 123-141.	2.9	267
22	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. <i>American Journal of Psychiatry</i> , 2019, 176, 531-542.	4.0	261
23	Brain development of very preterm and very low birthweight children in childhood and adolescence: a meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 313-323.	1.1	258
24	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	5.8	250
25	The Stroop revisited: a meta-analysis of interference control in AD/HD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2005, 46, 150-165.	3.1	238
26	High antenatal maternal anxiety is related to impulsivity during performance on cognitive tasks in 14- and 15-year-olds. <i>Neuroscience and Biobehavioral Reviews</i> , 2005, 29, 259-269.	2.9	225
27	Childhood Psychiatric Disorders as Risk Factor for Subsequent Substance Abuse: A Meta-Analysis. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2017, 56, 556-569.	0.3	221
28	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	7.1	213
29	Inhibition in ADHD, aggressive, and anxious children: A biologically based model of child psychopathology. <i>Journal of Abnormal Child Psychology</i> , 1996, 24, 19-36.	3.5	198
30	Executive Functioning in Highly Talented Soccer Players. <i>PLoS ONE</i> , 2014, 9, e91254.	1.1	198
31	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	9.4	192
32	Hyperactive Night and Day? Actigraphy Studies in Adult ADHD: a Baseline Comparison and the Effect of Methylphenidate. <i>Sleep</i> , 2007, 30, 433-442.	0.6	190
33	ADHD subtypes: do they differ in their executive functioning profile?. <i>Archives of Clinical Neuropsychology</i> , 2005, 20, 457-477.	0.3	184
34	Executive Function in Very Preterm Children at Early School Age. <i>Journal of Abnormal Child Psychology</i> , 2009, 37, 981-993.	3.5	177
35	Inhibitory dysfunction in hyperactive boys. <i>Behavioural Brain Research</i> , 1998, 94, 25-32.	1.2	174
36	Cognitive Functions in Elite and Sub-Elite Youth Soccer Players Aged 13 to 17 Years. <i>PLoS ONE</i> , 2015, 10, e0144580.	1.1	168

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37	A Systematic Review and Meta-analysis of Neuroimaging in Oppositional Defiant Disorder (ODD) and Conduct Disorder (CD) Taking Attention-Deficit Hyperactivity Disorder (ADHD) Into Account. <i>Neuropsychology Review</i> , 2016, 26, 44-72.	2.5	167
38	Predictive value of the Bayley Scales of Infant Development on development of very preterm/very low birth weight children: A meta-analysis. <i>Early Human Development</i> , 2013, 89, 487-496.	0.8	166
39	Which Executive Functioning Deficits Are Associated With AD/HD, ODD/CD and Comorbid AD/HD+ODD/CD?. <i>Journal of Abnormal Child Psychology</i> , 2005, 33, 69-85.	3.5	165
40	Adaptive control deficits in attention-deficit/hyperactivity disorder (ADHD): The role of error processing. <i>Psychiatry Research</i> , 2007, 151, 211-220.	1.7	164
41	Intra-individual variability in ADHD, autism spectrum disorders and Tourette's syndrome. <i>Neuropsychologia</i> , 2008, 46, 3030-3041.	0.7	164
42	Developmentally Stable Whole-Brain Volume Reductions and Developmentally Sensitive Caudate and Putamen Volume Alterations in Those With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. <i>JAMA Psychiatry</i> , 2015, 72, 490.	6.0	159
43	Response inhibition and response re-engagement in attention-deficit/hyperactivity disorder, disruptive, anxious and normal children. <i>Behavioural Brain Research</i> , 1998, 94, 33-43.	1.2	156
44	Psychophysiological determinants and concomitants of deficient decision making in pathological gamblers. <i>Drug and Alcohol Dependence</i> , 2006, 84, 231-239.	1.6	156
45	Executive functioning in boys with ADHD: primarily an inhibition deficit?. <i>Archives of Clinical Neuropsychology</i> , 2004, 19, 569-594.	0.3	151
46	The effect of methylphenidate on three forms of response inhibition in boys with AD/HD. <i>Journal of Abnormal Child Psychology</i> , 2003, 31, 105-120.	3.5	148
47	Can the Children's Communication Checklist differentiate between children with autism, children with ADHD, and normal controls?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004, 45, 1437-1453.	3.1	143
48	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. <i>Human Brain Mapping</i> , 2022, 43, 431-451.	1.9	143
49	Similar hyporesponsiveness of the dorsomedial prefrontal cortex in problem gamblers and heavy smokers during an inhibitory control task. <i>Drug and Alcohol Dependence</i> , 2012, 121, 81-89.	1.6	141
50	The NeuroIMAGE study: a prospective phenotypic, cognitive, genetic and MRI study in children with attention-deficit/hyperactivity disorder. Design and descriptives. <i>European Child and Adolescent Psychiatry</i> , 2015, 24, 265-281.	2.8	138
51	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	6.0	136
52	Towards an understanding of unique and shared pathways in the psychopathophysiology of ADHD. <i>Developmental Science</i> , 2005, 8, 132-140.	1.3	135
53	Does Methylphenidate Improve Inhibition and Other Cognitive Abilities in Adults with Childhood-Onset ADHD?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2005, 27, 278-298.	0.8	135
54	Delta Plots in the Study of Individual Differences: New Tools Reveal Response Inhibition Deficits in AD/HD That Are Eliminated by Methylphenidate Treatment.. <i>Journal of Abnormal Psychology</i> , 2005, 114, 197-215.	2.0	129

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55	An examination of the relationship between motor coordination and executive functions in adolescents. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 1025-1031.	1.1	129
56	Neurocognitive consequences of a paediatric brain tumour and its treatment: a meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 408-417.	1.1	127
57	Academic performance of children born preterm: a meta-analysis and meta-regression. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2018, 103, F322-F330.	1.4	124
58	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. <i>American Journal of Psychiatry</i> , 2020, 177, 834-843.	4.0	120
59	Executive Functioning in Children with an Autism Spectrum Disorder: Can We Differentiate Within the Spectrum?. <i>Journal of Autism and Developmental Disorders</i> , 2006, 36, 351-372.	1.7	118
60	The profile of executive function in very preterm children at 4 to 12 years. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 247-253.	1.1	116
61	Substance use disorders in adolescents with attention deficit hyperactivity disorder: a 4-year follow-up study. <i>Addiction</i> , 2013, 108, 1503-1511.	1.7	116
62	Emotion Regulation and the Dynamics of Feelings: A Conceptual and Methodological Framework. <i>Child Development</i> , 2004, 75, 354-360.	1.7	115
63	Executive functioning in children with autism and Tourette syndrome. <i>Development and Psychopathology</i> , 2005, 17, 415-45.	1.4	110
64	Low basal salivary cortisol is associated with teacher-reported symptoms of conduct disorder. <i>Psychiatry Research</i> , 2005, 134, 1-10.	1.7	108
65	Comorbid Problems in ADHD: Degree of Association, Shared Endophenotypes, and Formation of Distinct Subtypes. Implications for a Future DSM. <i>Journal of Abnormal Child Psychology</i> , 2009, 37, 793-804.	3.5	108
66	Contrasting deficits on executive functions between ADHD and reading disabled children. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 543-552.	3.1	105
67	Telling good from bad news: ADHD differentially affects processing of positive and negative feedback during guessing. <i>Neuropsychologia</i> , 2005, 43, 1946-1954.	0.7	103
68	Effects of reward and response cost on response inhibition in AD/HD, disruptive, anxious, and normal children. <i>Journal of Abnormal Child Psychology</i> , 1998, 26, 161-174.	3.5	102
69	Increased Neural Responses to Reward in Adolescents and Young Adults With Attention-Deficit/Hyperactivity Disorder and Their Unaffected Siblings. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2015, 54, 394-402.	0.3	94
70	Development of Preschool and Academic Skills in Children Born Very Preterm. <i>Journal of Pediatrics</i> , 2011, 158, 51-56.	0.9	93
71	ADHD and DCD: A relationship in need of research. <i>Human Movement Science</i> , 2006, 25, 76-89.	0.6	92
72	Speed, Variability, and Timing of Motor Output in ADHD: Which Measures are Useful for Endophenotypic Research?. <i>Behavior Genetics</i> , 2008, 38, 121-132.	1.4	92

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73	Contingency Learning in Alcohol Dependence and Pathological Gambling: Learning and Unlearning Reward Contingencies. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 1602-1610.	1.4	92
74	A 6-year follow-up of a large European cohort of children with attention-deficit/hyperactivity disorder-combined subtype: outcomes in late adolescence and young adulthood. <i>European Child and Adolescent Psychiatry</i> , 2016, 25, 1007-1017.	2.8	91
75	Time Reproduction in Children With ADHD and Their Nonaffected Siblings. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2007, 46, 582-590.	0.3	90
76	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2015, 73, 62-72.	1.1	90
77	Are Motor Inhibition and Cognitive Flexibility Dead Ends in ADHD?. <i>Journal of Abnormal Child Psychology</i> , 2007, 35, 957-967.	3.5	86
78	Executive Function and IQ Predict Mathematical and Attention Problems in Very Preterm Children. <i>PLoS ONE</i> , 2013, 8, e55994.	1.1	86
79	Title is missing!. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2002, 24, 67-73.	0.7	85
80	To act or not to act, thatâ€™s the problem: Primarily inhibition difficulties in adult ADHD.. <i>Neuropsychology</i> , 2010, 24, 209-221.	1.0	85
81	When distraction is not distracting: A behavioral and ERP study on distraction in ADHD. <i>Clinical Neurophysiology</i> , 2007, 118, 1855-1865.	0.7	84
82	Response Inhibition in Children With DSM-IV Subtypes of AD/HD and Related Disruptive Disorders: The Role of Reward. <i>Child Neuropsychology</i> , 2001, 7, 172-189.	0.8	83
83	The relationship of working memory, inhibition, and response variability in child psychopathology. <i>Journal of Neuroscience Methods</i> , 2006, 151, 5-14.	1.3	83
84	Reward and Punishment Sensitivity in Children with ADHD: Validating the Sensitivity to Punishment and Sensitivity to Reward Questionnaire for Children (SPSRQ-C). <i>Journal of Abnormal Child Psychology</i> , 2012, 40, 145-157.	3.5	82
85	Effects of physical activity interventions on cognitive outcomes and academic performance in adolescents and young adults: A meta-analysis. <i>Journal of Sports Sciences</i> , 2020, 38, 2637-2660.	1.0	81
86	Neurocognitive deficits in children with sickle cell disease: a comprehensive profile. <i>Pediatric Blood and Cancer</i> , 2011, 56, 783-788.	0.8	80
87	Executive function deficits in children born preterm or at low birthweight: a meta-analysis. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 1015-1024.	1.1	80
88	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	4.1	80
89	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, 484-492.	1.2	78
90	Distinguishing Adolescents With ADHD From Their Unaffected Siblings and Healthy Comparison Subjects by Neural Activation Patterns During Response Inhibition. <i>American Journal of Psychiatry</i> , 2015, 172, 674-683.	4.0	77

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91	Different Mechanisms of White Matter Abnormalities in Attention-Deficit/Hyperactivity Disorder: A Diffusion Tensor Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2014, 53, 790-799.e3.	0.3	76
92	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	1.9	76
93	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	7.1	75
94	Stimulant treatment for attention-deficit hyperactivity disorder and risk of developing substance use disorder. <i>British Journal of Psychiatry</i> , 2013, 203, 112-119.	1.7	73
95	Dimensions and disorder specificity of impulsivity in pathological gambling. <i>Addictive Behaviors</i> , 2014, 39, 1646-1651.	1.7	73
96	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â‰years. <i>Human Brain Mapping</i> , 2022, 43, 452-469.	1.9	72
97	Associations between daily physical activity and executive functioning in primary school-aged children. <i>Journal of Science and Medicine in Sport</i> , 2015, 18, 673-677.	0.6	71
98	Effects of Timing and Intensity of Neurorehabilitation on Functional Outcome After Traumatic Brain Injury: A Systematic Review and Meta-Analysis. <i>Archives of Physical Medicine and Rehabilitation</i> , 2018, 99, 1149-1159.e1.	0.5	71
99	Neuropsychological Endophenotype Approach to Genome-wide Linkage Analysis Identifies Susceptibility Loci for ADHD on 2q21.1 and 13q12.11. <i>American Journal of Human Genetics</i> , 2008, 83, 99-105.	2.6	70
100	Altered neural connectivity during response inhibition in adolescents with attention-deficit/hyperactivity disorder and their unaffected siblings. <i>NeuroImage: Clinical</i> , 2015, 7, 325-335.	1.4	69
101	Childhood Obesity and Impulsivity: An Investigation With Performance-Based Measures. <i>Behaviour Change</i> , 2009, 26, 153-167.	0.6	68
102	Perinatal risk factors for neurocognitive impairments in preschool children born very preterm. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 178-184.	1.1	63
103	The Effects of Physical Exercise on Functional Outcomes in the Treatment of ADHD: A Meta-Analysis. <i>Journal of Attention Disorders</i> , 2020, 24, 644-654.	1.5	63
104	Test-retest reliability of a new delay aversion task and executive function measures. <i>British Journal of Developmental Psychology</i> , 2001, 19, 339-348.	0.9	62
105	How Common are Symptoms of ADHD in Typically Developing Preschoolers? a Study on Prevalence Rates and Prenatal/Demographic Risk Factors. <i>Cortex</i> , 2007, 43, 710-717.	1.1	62
106	Comorbid anxiety and neurocognitive dysfunctions in children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 225-234.	2.8	61
107	Does methylphenidate improve academic performance? A systematic review and meta-analysis. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 155-164.	2.8	61
108	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <sc>ENIGMA</sc> adventure. <i>Human Brain Mapping</i> , 2022, 43, 37-55.	1.9	61



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109	Decision-making in ADHD: sensitive to frequency but blind to the magnitude of penalty?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2008, 49, 712-722.	3.1	60
110	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. <i>British Journal of Psychiatry</i> , 2009, 194, 123-129.	1.7	60
111	ERPs associated with monitoring and evaluation of monetary reward and punishment in children with ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2011, 52, 942-953.	3.1	58
112	Response Inhibition and Measures of Psychopathology: A Dimensional Analysis. <i>Child Neuropsychology</i> , 2000, 6, 175-184.	0.8	57
113	Motor coordination, working memory, and academic achievement in a normative adolescent sample: Testing a mediation model. <i>Archives of Clinical Neuropsychology</i> , 2012, 27, 766-780.	0.3	57
114	Motor control in children with ADHD and non-affected siblings: deficits most pronounced using the left hand. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 1071-1079.	3.1	56
115	Effects of a Cognitively Demanding Aerobic Intervention During Recess on Children's Physical Fitness and Executive Functioning. <i>Pediatric Exercise Science</i> , 2016, 28, 64-70.	0.5	56
116	Neurocognitive deficits in children with sickle cell disease are associated with the severity of anemia. <i>Pediatric Blood and Cancer</i> , 2011, 57, 297-302.	0.8	55
117	Nonregulation of food intake in restrained, emotional, and external eaters. <i>Journal of Psychopathology and Behavioral Assessment</i> , 1988, 10, 345-354.	0.7	54
118	White matter microstructure and developmental improvement of hyperactive/impulsive symptoms in attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 1289-1297.	3.1	54
119	Voxel-based morphometry analysis reveals frontal brain differences in participants with ADHD and their unaffected siblings. <i>Journal of Psychiatry and Neuroscience</i> , 2016, 41, 272-279.	1.4	54
120	Does reward frequency or magnitude drive reinforcement-learning in attention-deficit/hyperactivity disorder?. <i>Psychiatry Research</i> , 2009, 168, 222-229.	1.7	52
121	Intellectual, Behavioral, and Emotional Functioning in Children With Syndromic Craniosynostosis. <i>Pediatrics</i> , 2014, 133, e1608-e1615.	1.0	52
122	A randomized controlled trial into the effects of neurofeedback, methylphenidate, and physical activity on EEG power spectra in children with ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2016, 57, 633-644.	3.1	52
123	Structural Brain Abnormalities of Attention-Deficit/Hyperactivity Disorder With Oppositional Defiant Disorder. <i>Biological Psychiatry</i> , 2017, 82, 642-650.	0.7	50
124	How Distinctive are ADHD and RD? Results of a Double Dissociation Study. <i>Journal of Abnormal Child Psychology</i> , 2009, 37, 1007-1017.	3.5	48
125	Pediatric Traumatic Brain Injury and Attention Deficit. <i>Pediatrics</i> , 2015, 136, 534-541.	1.0	47
126	Attention-Deficit/Hyperactivity Disorder Symptoms Coincide With Altered Striatal Connectivity. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2016, 1, 353-363.	1.1	47



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127	Can the Children's Communication Checklist differentiate between children with autism, children with ADHD, and normal controls?. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2004, 45, 1437-1453.	3.1	47
128	Do Elite and Amateur Soccer Players Outperform Non-Athletes on Neurocognitive Functioning? A Study Among 8-12 Year Old Children. <i>PLoS ONE</i> , 2016, 11, e0165741.	1.1	46
129	Can the Children's Communication Checklist differentiate autism spectrum subtypes?. <i>Autism</i> , 2006, 10, 266-287.	2.4	45
130	Modulation of Response Timing in ADHD, Effects of Reinforcement Valence and Magnitude. <i>Journal of Abnormal Child Psychology</i> , 2008, 36, 445-456.	3.5	45
131	Brain Correlates of the Interaction Between <i>5-HTTLPR</i> and Psychosocial Stress Mediating Attention Deficit Hyperactivity Disorder Severity. <i>American Journal of Psychiatry</i> , 2015, 172, 768-775.	4.0	44
132	Psychosocial profile of pediatric brain tumor survivors with neurocognitive complaints. <i>Quality of Life Research</i> , 2016, 25, 435-446.	1.5	44
133	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 357-367.	1.4	43
134	A Randomized Controlled Trial Investigating the Effects of Neurofeedback, Methylphenidate, and Physical Activity on Event-Related Potentials in Children with Attention-Deficit/Hyperactivity Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2016, 26, 344-353.	0.7	42
135	Heart rate and reinforcement sensitivity in ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 890-898.	3.1	40
136	Visuospatial Working Memory in ADHD Patients, Unaffected Siblings, and Healthy Controls. <i>Journal of Attention Disorders</i> , 2014, 18, 369-378.	1.5	40
137	Neurocognitive Predictors of ADHD Outcome: a 6-Year Follow-up Study. <i>Journal of Abnormal Child Psychology</i> , 2017, 45, 261-272.	3.5	40
138	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2021, 62, 1202-1219.	3.1	40
139	An RCT into the effects of neurofeedback on neurocognitive functioning compared to stimulant medication and physical activity in children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 457-468.	2.8	39
140	The effects of physical activity on brain structure and neurophysiological functioning in children: A systematic review and meta-analysis. <i>Developmental Cognitive Neuroscience</i> , 2020, 45, 100828.	1.9	39
141	Does brief, clinically based, intensive multimodal behavior therapy enhance the effects of methylphenidate in children with ADHD?. <i>European Child and Adolescent Psychiatry</i> , 2007, 16, 48-57.	2.8	38
142	The serotonin transporter gene polymorphism <i>5-HTTLPR</i> moderates the effects of stress on attention-deficit/hyperactivity disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 1363-1371.	3.1	38
143	Relevance of neuroimaging for neurocognitive and behavioral outcome after pediatric traumatic brain injury. <i>Brain Imaging and Behavior</i> , 2018, 12, 29-43.	1.1	38
144	Inhibition, Reinforcement Sensitivity and Temporal Information Processing in ADHD and ADHD+ODD: Evidence of a Separate Entity?. <i>Journal of Abnormal Child Psychology</i> , 2009, 37, 1123-1135.	3.5	37

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145	Learning curves of theta/beta neurofeedback in children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2017, 26, 573-582.	2.8	37
146	Sensory modulation in preterm children: Theoretical perspective and systematic review. <i>PLoS ONE</i> , 2017, 12, e0170828.	1.1	37
147	Psychological Mechanisms in Hypochondriasis: Attention-Induced Physical Symptoms without Sensory Stimulation. <i>Psychotherapy and Psychosomatics</i> , 1994, 61, 117-120.	4.0	36
148	Behavioral and emotional problems in children with sickle cell disease and healthy siblings: Multiple informants, multiple measures. <i>Pediatric Blood and Cancer</i> , 2009, 53, 1277-1283.	0.8	36
149	Differential Effects of Atomoxetine on Executive Functioning and Lexical Decision in Attention-Deficit/Hyperactivity Disorder and Reading Disorder. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2009, 19, 699-707.	0.7	36
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