

# Jaap Oosterlaan

## List of Publications by Year in descending order

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304  
papers

24,233  
citations

6613

79  
h-index

10158

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.	2.1	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.	2.1	696
3	How specific is a deficit of executive functioning for Attention-Deficit/Hyperactivity Disorder?. <i>Behavioural Brain Research</i> , 2002, 130, 3-28.	2.2	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.	7.4	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.	5.2	548
6	The impact of reinforcement contingencies on AD/HD: A review and theoretical appraisal. <i>Clinical Psychology Review</i> , 2005, 25, 183-213.	11.4	472
7	The genetic architecture of the human cerebral cortex. <i>Science</i> , 2020, 367, .	12.6	450
8	Executive functioning in adult ADHD: a meta-analytic review. <i>Psychological Medicine</i> , 2005, 35, 1097-1108.	4.5	432
9	Neurocognitive functions in pathological gambling: a comparison with alcohol dependence, Tourette syndrome and normal controls. <i>Addiction</i> , 2006, 101, 534-547.	3.3	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.	1.3	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.	7.4	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.	6.7	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.	3.0	383
14	Common brain disorders are associated with heritable patterns of apparent aging of the brain. <i>Nature Neuroscience</i> , 2019, 22, 1617-1623.	14.8	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.	6.2	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.	6.1	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.	7.1	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.	5.4	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.	6.1	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.	2.6	281
21	Pathological gambling: a comprehensive review of biobehavioral findings. <i>Neuroscience and Biobehavioral Reviews</i> , 2004, 28, 123-141.	6.1	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.	7.2	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.	2.1	258
24	Novel genetic loci associated with hippocampal volume. <i>Nature Communications</i> , 2017, 8, 13624.	12.8	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.	5.2	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.	6.1	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.	0.5	221
28	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , 2016, 19, 1569-1582.	14.8	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.	2.5	198
31	Genetic architecture of subcortical brain structures in 38,851 individuals. <i>Nature Genetics</i> , 2019, 51, 1624-1636.	21.4	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.	1.1	190
33	ADHD subtypes: do they differ in their executive functioning profile?. <i>Archives of Clinical Neuropsychology</i> , 2005, 20, 457-477.	0.5	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.	2.2	174
36	Cognitive Functions in Elite and Sub-Elite Youth Soccer Players Aged 13 to 17 Years. <i>PLoS ONE</i> , 2015, 10, e0144580.	2.5	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.	4.9	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.	1.8	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.	3.3	164
41	Intra-individual variability in ADHD, autism spectrum disorders and Tourette's syndrome. <i>Neuropsychologia</i> , 2008, 46, 3030-3041.	1.6	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.	11.0	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.	2.2	156
44	Psychophysiological determinants and concomitants of deficient decision making in pathological gamblers. <i>Drug and Alcohol Dependence</i> , 2006, 84, 231-239.	3.2	156
45	Executive functioning in boys with ADHD: primarily an inhibition deficit?. <i>Archives of Clinical Neuropsychology</i> , 2004, 19, 569-594.	0.5	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.	5.2	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.	3.6	143
49	Similar hypo-responsiveness 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.	3.2	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.	4.7	138
51	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
52	Towards an understanding of unique and shared pathways in the psychopathophysiology of ADHD. <i>Developmental Science</i> , 2005, 8, 132-140.	2.4	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.	1.3	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.	1.9	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.	2.1	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.	2.1	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.	2.8	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.	7.2	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.	2.7	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.	2.1	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.	3.3	116
62	Emotion Regulation and the Dynamics of Feelings: A Conceptual and Methodological Framework. <i>Child Development</i> , 2004, 75, 354-360.	3.0	115
63	Executive functioning in children with autism and Tourette syndrome. <i>Development and Psychopathology</i> , 2005, 17, 415-45.	2.3	110
64	Low basal salivary cortisol is associated with teacher-reported symptoms of conduct disorder. <i>Psychiatry Research</i> , 2005, 134, 1-10.	3.3	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.	5.2	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.	1.6	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.	0.5	94
70	Development of Preschool and Academic Skills in Children Born Very Preterm. <i>Journal of Pediatrics</i> , 2011, 158, 51-56.	1.8	93
71	ADHD and DCD: A relationship in need of research. <i>Human Movement Science</i> , 2006, 25, 76-89.	1.4	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.	2.1	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.	2.4	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.	4.7	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.	0.5	90
76	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. <i>Cortex</i> , 2015, 73, 62-72.	2.4	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.	2.5	86
79	Title is missing!. <i>Journal of Psychopathology and Behavioral Assessment</i> , 2002, 24, 67-73.	1.2	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.	1.3	85
81	When distraction is not distracting: A behavioral and ERP study on distraction in ADHD. <i>Clinical Neurophysiology</i> , 2007, 118, 1855-1865.	1.5	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.	1.3	83
83	The relationship of working memory, inhibition, and response variability in child psychopathology. <i>Journal of Neuroscience Methods</i> , 2006, 151, 5-14.	2.5	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.	2.0	81
86	Neurocognitive deficits in children with sickle cell disease: a comprehensive profile. <i>Pediatric Blood and Cancer</i> , 2011, 56, 783-788.	1.5	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.	2.1	80
88	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. <i>Molecular Psychiatry</i> , 2020, 25, 3053-3065.	7.9	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.	2.2	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.	7.2	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.	0.5	76
92	Greater male than female variability in regional brain structure across the lifespan. <i>Human Brain Mapping</i> , 2022, 43, 470-499.	3.6	76
93	Genetic variants associated with longitudinal changes in brain structure across the lifespan. <i>Nature Neuroscience</i> , 2022, 25, 421-432.	14.8	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.	2.8	73
95	Dimensions and disorder specificity of impulsivity in pathological gambling. <i>Addictive Behaviors</i> , 2014, 39, 1646-1651.	3.0	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.	3.6	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.	1.3	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.	0.9	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.	6.2	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.	2.7	69
101	Childhood Obesity and Impulsivity: An Investigation With Performance-Based Measures. <i>Behaviour Change</i> , 2009, 26, 153-167.	1.3	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.	2.1	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.	2.6	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.	1.7	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.	2.4	62
106	Comorbid anxiety and neurocognitive dysfunctions in children with ADHD. <i>European Child and Adolescent Psychiatry</i> , 2013, 22, 225-234.	4.7	61
107	Does methylphenidate improve academic performance? A systematic review and meta-analysis. <i>European Child and Adolescent Psychiatry</i> , 2019, 28, 155-164.	4.7	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.	3.6	61

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109	Decision-making in ADHD: sensitive to frequency but blind to the magnitude of penalty?. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2008, 49, 712-722.	5.2	60
110	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. British Journal of Psychiatry, 2009, 194, 123-129.	2.8	60
111	ERPs associated with monitoring and evaluation of monetary reward and punishment in children with ADHD. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2011, 52, 942-953.	5.2	58
112	Response Inhibition and Measures of Psychopathology: A Dimensional Analysis. Child Neuropsychology, 2000, 6, 175-184.	1.3	57
113	Motor coordination, working memory, and academic achievement in a normative adolescent sample: Testing a mediation model. Archives of Clinical Neuropsychology, 2012, 27, 766-780.	0.5	57
114	Motor control in children with ADHD and non-affected siblings: deficits most pronounced using the left hand. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2007, 48, 1071-1079.	5.2	56
115	Effects of a Cognitively Demanding Aerobic Intervention During Recess on Children's Physical Fitness and Executive Functioning. Pediatric Exercise Science, 2016, 28, 64-70.	1.0	56
116	Neurocognitive deficits in children with sickle cell disease are associated with the severity of anemia. Pediatric Blood and Cancer, 2011, 57, 297-302.	1.5	55
117	Nonregulation of food intake in restrained, emotional, and external eaters. Journal of Psychopathology and Behavioral Assessment, 1988, 10, 345-354.	1.2	54
118	White matter microstructure and developmental improvement of hyperactive/impulsive symptoms in attention-deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2015, 56, 1289-1297.	5.2	54
119	Voxel-based morphometry analysis reveals frontal brain differences in participants with ADHD and their unaffected siblings. Journal of Psychiatry and Neuroscience, 2016, 41, 272-279.	2.4	54
120	Does reward frequency or magnitude drive reinforcement-learning in attention-deficit/hyperactivity disorder?. Psychiatry Research, 2009, 168, 222-229.	3.3	52
121	Intellectual, Behavioral, and Emotional Functioning in Children With Syndromic Craniosynostosis. Pediatrics, 2014, 133, e1608-e1615.	2.1	52
122	A randomized controlled trial into the effects of neurofeedback, methylphenidate, and physical activity on EEG power spectra in children with ADHD. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 633-644.	5.2	52
123	Structural Brain Abnormalities of Attention-Deficit/Hyperactivity Disorder With Oppositional Defiant Disorder. Biological Psychiatry, 2017, 82, 642-650.	1.3	50
124	How Distinctive are ADHD and RD? Results of a Double Dissociation Study. Journal of Abnormal Child Psychology, 2009, 37, 1007-1017.	3.5	48
125	Pediatric Traumatic Brain Injury and Attention Deficit. Pediatrics, 2015, 136, 534-541.	2.1	47
126	Attention-Deficit/Hyperactivity Disorder Symptoms Coincide With Altered Striatal Connectivity. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2016, 1, 353-363.	1.5	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.	5.2	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.	2.5	46
129	Can the Children's Communication Checklist differentiate autism spectrum subtypes?. <i>Autism</i> , 2006, 10, 266-287.	4.1	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.	7.2	44
132	Psychosocial profile of pediatric brain tumor survivors with neurocognitive complaints. <i>Quality of Life Research</i> , 2016, 25, 435-446.	3.1	44
133	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. <i>NeuroImage: Clinical</i> , 2016, 11, 357-367.	2.7	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.	1.3	42
135	Heart rate and reinforcement sensitivity in ADHD. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2007, 48, 890-898.	5.2	40
136	Visuospatial Working Memory in ADHD Patients, Unaffected Siblings, and Healthy Controls. <i>Journal of Attention Disorders</i> , 2014, 18, 369-378.	2.6	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.	5.2	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.	4.7	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.	4.0	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.	4.7	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.	5.2	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.	2.1	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.	4.7	37
146	Sensory modulation in preterm children: Theoretical perspective and systematic review. <i>PLoS ONE</i> , 2017, 12, e0170828.	2.5	37
147	Psychological Mechanisms in Hypochondriasis: Attention-Induced Physical Symptoms without Sensory Stimulation. <i>Psychotherapy and Psychosomatics</i> , 1994, 61, 117-120.	8.8	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.	1.5	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.	1.3	36
150	Neurocognitive Deficits in Attention-Deficit/Hyperactivity Disorder With and Without Comorbid Oppositional Defiant Disorder. <i>Journal of Attention Disorders</i> , 2020, 24, 1317-1329.	2.6	35
151	Behavioral Effects of Neurofeedback Compared to Stimulants and Physical Activity in Attention-Deficit/Hyperactivity Disorder. <i>Journal of Clinical Psychiatry</i> , 2016, 77, e1270-e1277.	2.2	35
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