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	The efficacy of a self-help parenting program for parents of children with externalizing behavior: a randomized controlled trial. European Child and Adolescent Psychiatry, 2023, 32, 2031-2042.	4.7	2
2	White Matter Microstructure in Attention-Deficit/Hyperactivity Disorder: A Systematic Tractography Study in 654 Individuals. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2022, 7, 979-988.	1.5	8
3	Greater male than female variability in regional brain structure across the lifespan. Human Brain Mapping, 2022, 43, 470-499.	3.6	76
4	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The <scp>ENIGMA</scp> adventure. Human Brain Mapping, 2022, 43, 37-55.	3.6	61
5	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 431-451.	3.6	143
6	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3â€“90â€‰years. Human Brain Mapping, 2022, 43, 452-469.	3.6	72
7	Characterizing the heterogeneous course of inattention and hyperactivity-impulsivity from childhood to young adulthood. European Child and Adolescent Psychiatry, 2022, 31, 1-11.	4.7	15
8	Risk factors for short-term complications graded by Clavien-Dindo after transanal endorectal pull-through in patients with Hirschsprung disease. Journal of Pediatric Surgery, 2022, 57, 1460-1466.	1.6	7
9	Meta-analysis: Dose-Dependent Effects of Methylphenidate on Neurocognitive Functioning in Children With Attention-Deficit/Hyperactivity Disorder. Journal of the American Academy of Child and Adolescent Psychiatry, 2022, 61, 626-646.	0.5	8
10	Facial emotion recognition impairment predicts social and emotional problems in children with (subthreshold) ADHD. European Child and Adolescent Psychiatry, 2022, 31, 715-727.	4.7	16
11	Structural brain abnormalities in children and young adults with severe chronic kidney disease. Pediatric Nephrology, 2022, 37, 1125-1136.	1.7	5
12	Physical fitness and psychosocial health in a sample of Dutch adolescents. Preventive Medicine Reports, 2022, 25, 101689.	1.8	2
13	Effectiveness of Specific Techniques in Behavioral Teacher Training for Childhood ADHD Behaviors: Secondary Analyses of a Randomized Controlled Microtrial. Research on Child and Adolescent Psychopathology, 2022, 50, 867-880.	2.3	6
14	Implementing structured follow-up of neonatal and paediatric patients: an evaluation of three university hospital case studies using the functional resonance analysis method. BMC Health Services Research, 2022, 22, 191.	2.2	6
15	Virtual Ontogeny of Cortical Growth Preceding Mental Illness. Biological Psychiatry, 2022, 92, 299-313.	1.3	11
16	Risk factors for complications in patients with Hirschsprung disease while awaiting surgery: Beware of bowel perforation. Journal of Pediatric Surgery, 2022, 57, 561-568.	1.6	7
17	Effects of aerobic versus cognitively demanding exercise interventions on brain structure and function in healthy childrenâ€”Results from a cluster randomized controlled trial. Psychophysiology, 2022, 59, e14034.	2.4	6
18	Genetic variants associated with longitudinal changes in brain structure across the lifespan. Nature Neuroscience, 2022, 25, 421-432.	14.8	75

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19	Measurement Feedback System for Intensive Neurorehabilitation after Severe Acquired Brain Injury. Journal of Medical Systems, 2022, 46, 24.	3.6	2
20	Heritable connective tissue disorders in childhood: Decreased healthâ€related quality of life and mental health. American Journal of Medical Genetics, Part A, 2022, 188, 2096-2109.	1.2	5
21	Generic and disease-specific health-related quality of life in patients with Hirschsprung disease: A systematic review and meta-analysis. World Journal of Gastroenterology, 2022, 28, 1362-1376.	3.3	1
22	Resting state networks mediate the association between both cardiovascular fitness and gross motor skills with neurocognitive functioning. Child Development, 2022, 93, .	3.0	3
23	Resting-state network organisation in children with traumatic brain injury. Cortex, 2022, 154, 89-104.	2.4	4
24	The Validity of Teacher Rating Scales for the Assessment of ADHD Symptoms in the Classroom: A Systematic Review and Meta-Analysis. Journal of Attention Disorders, 2021, 25, 1578-1593.	2.6	17
25	Probabilistic Learning in Children With Attention-Deficit/Hyperactivity Disorder. Journal of Attention Disorders, 2021, 25, 1407-1416.	2.6	9
26	Executive function training in very preterm children: a randomized controlled trial. European Child and Adolescent Psychiatry, 2021, 30, 785-797.	4.7	6
27	Cardiovascular fitness and executive functioning in primary schoolâ€aged children. Developmental Science, 2021, 24, e13019.	2.4	24
28	Neurocognitive markers of lateâ€onset ADHD: a 6â€year longitudinal study. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 244-252.	5.2	7
29	Altered structural connectome and motor problems of very preterm born children at school-age. Early Human Development, 2021, 152, 105274.	1.8	4
30	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
31	Alcohol and Brain Development in Adolescents and Young Adults: A Systematic Review of the Literature and Advisory Report of the Health Council of the Netherlands. Advances in Nutrition, 2021, 12, 1379-1410.	6.4	15
32	Characterizing neuroanatomic heterogeneity in people with and without ADHD based on subcortical brain volumes. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1140-1149.	5.2	14
33	Task-generic and task-specific connectivity modulations in the ADHD brain: an integrated analysis across multiple tasks. Translational Psychiatry, 2021, 11, 159.	4.8	5
34	Analysis of structural brain asymmetries in attentionâ€deficit/hyperactivity disorder in 39 datasets. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2021, 62, 1202-1219.	5.2	40
35	Gray matter networks associated with attention and working memory deficit in ADHD across adolescence and adulthood. Translational Psychiatry, 2021, 11, 184.	4.8	14
36	Discrepancies of polygenic effects on symptom dimensions between adolescents and adults with ADHD. Psychiatry Research - Neuroimaging, 2021, 311, 111282.	1.8	2

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37	Heritable Connective Tissue Disorders in Childhood: Increased Fatigue, Pain, Disability and Decreased General Health. Genes, 2021, 12, 831.	2.4	8
38	The relationship between white matter microstructure, cardiovascular fitness, gross motor skills, and neurocognitive functioning in children. Journal of Neuroscience Research, 2021, 99, 2201-2215.	2.9	9
39	Physical Functioning After Admission to the PICU: A Scoping Review. , 2021, 3, e0462.		6
40	Neurodevelopmental outcome of patients with congenital gastrointestinal malformations: a systematic review and meta-analysis. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 635-642.	2.8	15
41	Which Techniques Work in Behavioral Parent Training for Children with ADHD? A Randomized Controlled Microtrial. Journal of Clinical Child and Adolescent Psychology, 2021, 50, 888-903.	3.4	19
42	Maternal serotonin transporter genotype and offsprings' clinical and cognitive measures of ADHD and ASD. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 110, 110354.	4.8	1
43	Long-term follow-up of children exposed in-utero to progesterone treatment for prevention of preterm birth: study protocol of the AMPHIA follow-up. BMJ Open, 2021, 11, e053066.	1.9	2
44	Risk factors for enterocolitis in patients with Hirschsprung disease: A retrospective observational study. Journal of Pediatric Surgery, 2021, 56, 1791-1798.	1.6	13
45	Exploring the neurocognome: Neurocognitive network organization in healthy young adults. Cortex, 2021, 143, 12-28.	2.4	5
46	Physical fitness, cognitive functioning and academic achievement in healthy adolescents. Psychology of Sport and Exercise, 2021, 57, 102060.	2.1	6
47	Effectiveness of Specific Techniques in Behavioral Teacher Training for Childhood ADHD: A Randomized Controlled Microtrial. Journal of Clinical Child and Adolescent Psychology, 2021, 50, 763-779.	3.4	14
48	Child neurocognitive functioning influences the effectiveness of specific techniques in behavioral teacher training for ADHD: Moderator analyses from a randomized controlled microtrial. JCPP Advances, 2021, 1, e12032.	2.4	0
49	Methylphenidate-Related Improvements in Math Performance Cannot Be Explained by Better Cognitive Functioning or Higher Academic Motivation: Evidence From a Randomized Controlled Trial. Journal of Attention Disorders, 2020, 24, 1824-1835.	2.6	7
50	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. Molecular Psychiatry, 2020, 25, 3053-3065.	7.9	80
51	Neurocognitive processes underlying academic difficulties in very preterm born adolescents. Child Neuropsychology, 2020, 26, 274-287.	1.3	19
52	Voluntary and Involuntary Control of Attention in Adolescents Born Very Preterm: A Study of Eye Movements. Child Development, 2020, 91, 1272-1283.	3.0	6
53	Eightâ€yearâ€old very and extremely preterm children showed more difficulties in performance intelligence than verbal intelligence. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 1175-1183.	1.5	4
54	Reduced fronto-striatal volume in attention-deficit/hyperactivity disorder in two cohorts across the lifespan. NeuroImage: Clinical, 2020, 28, 102403.	2.7	12

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55	Effects of aerobic exercise and cognitively engaging exercise on cardiorespiratory fitness and motor skills in primary school children: A cluster randomized controlled trial. Journal of Sports Sciences, 2020, 38, 1975-1983.	2.0	16
56	The genetic architecture of human brainstem structures and their involvement in common brain disorders. Nature Communications, 2020, 11, 4016.	12.8	26
57	The effects of physical activity on brain structure and neurophysiological functioning in children: A systematic review and meta-analysis. Developmental Cognitive Neuroscience, 2020, 45, 100828.	4.0	39
58	Effects of physical activity interventions on cognitive outcomes and academic performance in adolescents and young adults: A meta-analysis. Journal of Sports Sciences, 2020, 38, 2637-2660.	2.0	81
59	Structural brain alterations and their association with cognitive function and symptoms in Attention-deficit/Hyperactivity Disorder families. NeuroImage: Clinical, 2020, 27, 102273.	2.7	8
60	Effects of aerobic and cognitively-engaging physical activity on academic skills: A cluster randomized controlled trial. Journal of Sports Sciences, 2020, 38, 1806-1817.	2.0	26
61	Subcortical Brain Volume, Regional Cortical Thickness, and Cortical Surface Area Across Disorders: Findings From the ENIGMA ADHD, ASD, and OCD Working Groups. American Journal of Psychiatry, 2020, 177, 834-843.	7.2	120
62	The genetic architecture of the human cerebral cortex. Science, 2020, 367, .	12.6	450
63	Genome-Wide DNA Methylation Patterns in Persistent Attention-Deficit/Hyperactivity Disorder and in Association With Impulsive and Callous Traits. Frontiers in Genetics, 2020, 11, 16.	2.3	25
64	Subtypes of behavioral functioning in 8â€“12Âyear old very preterm children. Early Human Development, 2020, 142, 104968.	1.8	7
65	Aggression based genome-wide, glutamatergic, dopaminergic and neuroendocrine polygenic risk scores predict callous-unemotional traits. Neuropsychopharmacology, 2020, 45, 761-769.	5.4	16
66	The Effects of Physical Exercise on Functional Outcomes in the Treatment of ADHD: A Meta-Analysis. Journal of Attention Disorders, 2020, 24, 644-654.	2.6	63
67	Neurocognitive Deficits in Attention-Deficit/Hyperactivity Disorder With and Without Comorbid Oppositional Defiant Disorder. Journal of Attention Disorders, 2020, 24, 1317-1329.	2.6	35
68	Intrasphincteric botulinum toxin injections for post-operative obstructive defecation problems in hirschsprung disease: A retrospective observational study. Journal of Pediatric Surgery, 2020, 56, 1342-1348.	1.6	6
69	Academic trajectories of very preterm born children at school age. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, fetalneonatal-2018-315028.	2.8	13
70	Social Adjustment in Adolescents Born Very Preterm: Evidence for a Cognitive Basis of Social Problems. Journal of Pediatrics, 2019, 213, 66-73.e1.	1.8	11
71	Botulinum toxin injections after surgery for Hirschsprung disease: Systematic review and meta-analysis. World Journal of Gastroenterology, 2019, 25, 3268-3280.	3.3	29
72	Effects of Executive Function Training on Attentional, Behavioral and Emotional Functioning and Self-Perceived Competence in Very Preterm Children: A Randomized Controlled Trial. Frontiers in Psychology, 2019, 10, 2100.	2.1	8

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73	Relations between gross motor skills and executive functions, controlling for the role of information processing and lapses of attention in 8-10 year old children. PLoS ONE, 2019, 14, e0224219.	2.5	34
74	Common brain disorders are associated with heritable patterns of apparent aging of the brain. Nature Neuroscience, 2019, 22, 1617-1623.	14.8	358
75	Implicit Learning Abilities in Adolescents Born Very Preterm. Developmental Neuropsychology, 2019, 44, 357-367.	1.4	1
76	F55. An Image-Based Meta-Analysis of Successful and Failed Stopping in Attention Deficit/Hyperactivity Disorder Using Statistical Parametric Maps. Biological Psychiatry, 2019, 85, S234.	1.3	1
77	EEG profiles and associated neurodevelopmental outcomes after very preterm birth. Clinical Neurophysiology, 2019, 130, 1166-1171.	1.5	8
78	Overweight in family members of probands with ADHD. European Child and Adolescent Psychiatry, 2019, 28, 1659-1669.	4.7	12
79	Brain Imaging of the Cortex in ADHD: A Coordinated Analysis of Large-Scale Clinical and Population-Based Samples. American Journal of Psychiatry, 2019, 176, 531-542.	7.2	261
80	Developmental outcomes of very preterm children with high parental education level. Early Human Development, 2019, 133, 11-17.	1.8	18
81	Long-Term Neurodevelopmental and Functional Outcomes of Infants Born Very Preterm and/or with a Very Low Birth Weight. Neonatology, 2019, 115, 310-319.	2.0	18
82	Executive function deficits in children born preterm or at low birthweight: a metaâ€analysis. Developmental Medicine and Child Neurology, 2019, 61, 1015-1024.	2.1	80
83	Stimulant treatment profiles predicting co-occurring substance use disorders in individuals with attention-deficit/hyperactivity disorder. European Child and Adolescent Psychiatry, 2019, 28, 1213-1222.	4.7	25
84	Genetic architecture of subcortical brain structures in 38,851 individuals. Nature Genetics, 2019, 51, 1624-1636.	21.4	192
85	An Integrated Analysis of Neural Network Correlates of Categorical and Dimensional Models of Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 472-483.	1.5	16
86	Visual perceptive skills account for very preterm children's mathematical difficulties in preschool. Early Human Development, 2019, 129, 11-15.	1.8	16
87	Long-term effects of stimulant treatment on ADHD symptoms, socialâ€“emotional functioning, and cognition. Psychological Medicine, 2019, 49, 217-223.	4.5	22
88	Does methylphenidate improve academic performance? A systematic review and meta-analysis. European Child and Adolescent Psychiatry, 2019, 28, 155-164.	4.7	61
89	A Randomized Effectiveness Trial of a Behavioral Teacher Program Targeting ADHD Symptoms. Journal of Attention Disorders, 2019, 23, 293-304.	2.6	17
90	Neurocognitive Profiles in Children With ADHD and Their Predictive Value for Functional Outcomes. Journal of Attention Disorders, 2019, 23, 1567-1577.	2.6	14

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91	Silent Cerebral Infarcts in Sickle Cell Disease: A Systematic Review. Blood, 2019, 134, 4836-4836.	1.4	0
92	Alterations in the Ventral Attention Network During the Stop-Signal Task in Children With ADHD: An Event-Related Potential Source Imaging Study. Journal of Attention Disorders, 2018, 22, 639-650.	2.6	21
93	Cognitive Outcomes of Children Born Extremely or Very Preterm Since the 1990s and Associated Risk Factors. JAMA Pediatrics, 2018, 172, 361.	6.2	354
94	Diffusion tensor imaging in metachromatic leukodystrophy. Journal of Neurology, 2018, 265, 659-668.	3.6	18
95	Attention deficit hyperactivity disorder and autism spectrum disorder symptoms in school-age children born very preterm. Research in Developmental Disabilities, 2018, 74, 103-112.	2.2	32
96	Effects of Timing and Intensity of Neurorehabilitation on Functional Outcome After Traumatic Brain Injury: A Systematic Review and Meta-Analysis. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1149-1159.e1.	0.9	71
97	Executive Function Computerized Training in Very Preterm-Born Children: A Pilot Study. Games for Health Journal, 2018, 7, 175-181.	2.0	13
98	Relevance of neuroimaging for neurocognitive and behavioral outcome after pediatric traumatic brain injury. Brain Imaging and Behavior, 2018, 12, 29-43.	2.1	38
99	Anxiety modulates the relation between attention-deficit/hyperactivity disorder severity and working memory-related brain activity. World Journal of Biological Psychiatry, 2018, 19, 450-460.	2.6	11
100	Effects of physical activity on executive functions, attention and academic performance in preadolescent children: a meta-analysis. Journal of Science and Medicine in Sport, 2018, 21, 501-507.	1.3	406
101	Academic performance of children born preterm: a meta-analysis and meta-regression. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F322-F330.	2.8	124
102	Sensory processing difficulties in school-age children born very preterm: An exploratory study. Early Human Development, 2018, 117, 22-31.	1.8	14
103	A randomised trial of enteral glutamine supplementation for very preterm children showed no beneficial or adverse longâ€term neurodevelopmental outcomes. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 593-599.	1.5	11
104	A 6-month follow-up of an RCT on behavioral and neurocognitive effects of neurofeedback in children with ADHD. European Child and Adolescent Psychiatry, 2018, 27, 581-593.	4.7	31
105	Efficacy of behavioral classroom programs in primary school. A meta-analysis focusing on randomized controlled trials. PLoS ONE, 2018, 13, e0201779.	2.5	11
106	F50. Genetic Architecture of Hippocampal Subfield Volumes: Shared and Specific Influences. Biological Psychiatry, 2018, 83, S257.	1.3	0
107	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E5154-E5163.	7.1	299
108	Moderators Influencing the Effectiveness of a Behavioral Teacher Program. Frontiers in Psychology, 2018, 9, 298.	2.1	5

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109	Need for Further Analysis in Cognitive Outcomes of Children Born Pretermâ€"Reply. JAMA Pediatrics, 2018, 172, 889.	6.2	1
110	Timed performance weaknesses on computerized tasks in pediatric brain tumor survivors: A comparison with sibling controls. Child Neuropsychology, 2017, 23, 208-227.	1.3	11
111	Testing differential susceptibility: Plasticity genes, the social environment, and their interplay in adolescent response inhibition. World Journal of Biological Psychiatry, 2017, 18, 308-321.	2.6	6
112	Neurocognitive Predictors of ADHD Outcome: a 6-Year Follow-up Study. Journal of Abnormal Child Psychology, 2017, 45, 261-272.	3.5	40
113	Novel genetic loci associated with hippocampal volume. Nature Communications, 2017, 8, 13624.	12.8	250
114	Subcortical brain volume differences in participants with attention deficit hyperactivity disorder in children and adults: a cross-sectional mega-analysis. Lancet Psychiatry,the, 2017, 4, 310-319.	7.4	565
115	Networkâ€level assessment of rewardâ€related activation in patients with <scp>ADHD</scp> and healthy individuals. Human Brain Mapping, 2017, 38, 2359-2369.	3.6	30
116	The structural connectome of children with traumatic brain injury. Human Brain Mapping, 2017, 38, 3603-3614.	3.6	30
117	Healthy cortical development through adolescence and early adulthood. Brain Structure and Function, 2017, 222, 3653-3663.	2.3	30
118	Childhood Psychiatric Disorders as Risk Factor for Subsequent Substance Abuse: A Meta-Analysis. Journal of the American Academy of Child and Adolescent Psychiatry, 2017, 56, 556-569.	0.5	221
119	Femaleâ€specific association of <scp>NOS</scp>1 genotype with white matter microstructure in ADHD patients and controls. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 958-966.	5.2	9
120	Short-Term Effects of Methylphenidate on Math Productivity in Children With Attention-Deficit/Hyperactivity Disorder are Mediated by Symptom Improvements. Journal of Clinical Psychopharmacology, 2017, 37, 210-219.	1.4	8
121	Risk factors for comorbid oppositional defiant disorder in attention-deficit/hyperactivity disorder. European Child and Adolescent Psychiatry, 2017, 26, 1155-1164.	4.7	29
122	The child's perspective on discomfort during medical research procedures: a descriptive study. BMJ Open, 2017, 7, e016077.	1.9	11
123	909. Predicting Attention-Deficit/hyperactivity Disorder Severity from Stress and Stress Response Genes. Biological Psychiatry, 2017, 81, S367.	1.3	0
124	Paediatric reference values for total homocysteine, tryptophan, tyrosine and phenylalanine in blood spots. Scandinavian Journal of Clinical and Laboratory Investigation, 2017, 77, 410-414.	1.2	2
125	The interaction between 5-HTTLPR and stress exposure influences connectivity of the executive control and default mode brain networks. Brain Imaging and Behavior, 2017, 11, 1486-1496.	2.1	10
126	An RCT into the effects of neurofeedback on neurocognitive functioning compared to stimulant medication and physical activity in children with ADHD. European Child and Adolescent Psychiatry, 2017, 26, 457-468.	4.7	39

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127	Pediatric traumatic brain injury affects multisensory integration.. Neuropsychology, 2017, 31, 137-148.	1.3	12
128	Learning curves of theta/beta neurofeedback in children with ADHD. European Child and Adolescent Psychiatry, 2017, 26, 573-582.	4.7	37
129	Further Insight into the Effectiveness of a Behavioral Teacher Program Targeting ADHD Symptoms Using Actigraphy, Classroom Observations and Peer Ratings. Frontiers in Psychology, 2017, 8, 1157.	2.1	15
130	No Association between Cortical Gyrification or Intrinsic Curvature and Attention-deficit/Hyperactivity Disorder in Adolescents and Young Adults. Frontiers in Neuroscience, 2017, 11, 218.	2.8	14
131	Effects of dopaminergic genes, prenatal adversities, and their interaction on attention-deficit/hyperactivity disorder and neural correlates of response inhibition. Journal of Psychiatry and Neuroscience, 2017, 42, 113-121.	2.4	8
132	Structural Brain Abnormalities of Attention-Deficit/Hyperactivity Disorder With Oppositional Defiant Disorder. Biological Psychiatry, 2017, 82, 642-650.	1.3	50
133	Sensory modulation in preterm children: Theoretical perspective and systematic review. PLoS ONE, 2017, 12, e0170828.	2.5	37
134	Stimulant Treatment Trajectories Are Associated With Neural Reward Processing in Attention-Deficit/Hyperactivity Disorder. Journal of Clinical Psychiatry, 2017, 78, e790-e796.	2.2	8
135	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
136	Decreased Left Caudate Volume Is Associated with Increased Severity of Autistic-Like Symptoms in a Cohort of ADHD Patients and Their Unaffected Siblings. PLoS ONE, 2016, 11, e0165620.	2.5	20
137	No Tryptophan, Tyrosine and Phenylalanine Abnormalities in Children with Attention-Deficit/Hyperactivity Disorder. PLoS ONE, 2016, 11, e0151100.	2.5	25
138	A randomized controlled trial into the effects of neurofeedback, methylphenidate, and physical activity on <scp>EEG</scp> power spectra in children with <scp>ADHD</scp>. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 633-644.	5.2	52
139	No objectively measured sleep disturbances in children with attentionâ€deficit/hyperactivity disorder. Journal of Sleep Research, 2016, 25, 534-540.	3.2	17
140	Aberrant local striatal functional connectivity in attentionâ€deficit/hyperactivity disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 697-705.	5.2	22
141	Consequences of Correcting Intelligence Quotient for Prematurity atÂAgeÂ5ÂYears. Journal of Pediatrics, 2016, 173, 90-95.	1.8	31
142	Deficits in vision and visual attention associated with motor performance of very preterm/very low birth weight children. Research in Developmental Disabilities, 2016, 53-54, 258-266.	2.2	11
143	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2016, 11, 357-367.	2.7	43
144	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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145	Novel genetic loci underlying human intracranial volume identified through genome-wide association. Nature Neuroscience, 2016, 19, 1569-1582.	14.8	213
146	Quantifying patterns of brain activity: Distinguishing unaffected siblings from participants with ADHD and healthy individuals. NeuroImage: Clinical, 2016, 12, 227-233.	2.7	16
147	Functional connectivity in cortico-subcortical brain networks underlying reward processing in attention-deficit/hyperactivity disorder. NeuroImage: Clinical, 2016, 12, 796-805.	2.7	27
148	The link between callous-unemotional traits and neural mechanisms of reward processing: An fMRI study. Psychiatry Research - Neuroimaging, 2016, 255, 75-80.	1.8	33
149	Effects of a Cognitively Demanding Aerobic Intervention During Recess on Childrenâ€™s Physical Fitness and Executive Functioning. Pediatric Exercise Science, 2016, 28, 64-70.	1.0	56
150	Neurofeedback ineffective in paediatric brain tumour survivors: Results of a double-blind randomised placebo-controlled trial. European Journal of Cancer, 2016, 64, 62-73.	2.8	17
151	A Randomized Controlled Trial Investigating the Effects of Neurofeedback, Methylphenidate, and Physical Activity on Event-Related Potentials in Children with Attention-Deficit/Hyperactivity Disorder. Journal of Child and Adolescent Psychopharmacology, 2016, 26, 344-353.	1.3	42
152	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. Neuropsychology Review, 2016, 26, 44-72.	4.9	167
153	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. European Child and Adolescent Psychiatry, 2016, 25, 1007-1017.	4.7	91
154	Enlarged striatal volume in adults with ADHD carrying the 9-6 haplotype of the dopamine transporter gene DAT1. Journal of Neural Transmission, 2016, 123, 905-915.	2.8	19
155	Psychosocial profile of pediatric brain tumor survivors with neurocognitive complaints. Quality of Life Research, 2016, 25, 435-446.	3.1	44
156	Dopamine and serotonin genetic risk scores predicting substance and nicotine use in attention deficit/hyperactivity disorder. Addiction Biology, 2016, 21, 915-923.	2.6	19
157	Developmentally Sensitive Interaction Effects of Genes and the Social Environment on Total and Subcortical Brain Volumes. PLoS ONE, 2016, 11, e0155755.	2.5	4
158	Do Elite and Amateur Soccer Players Outperform Non-Athletes on Neurocognitive Functioning? A Study Among 8-12 Year Old Children. PLoS ONE, 2016, 11, e0165741.	2.5	46
159	Behavioral Effects of Neurofeedback Compared to Stimulants and Physical Activity in Attention-Deficit/Hyperactivity Disorder. Journal of Clinical Psychiatry, 2016, 77, e1270-e1277.	2.2	35
160	Smoking and the developing brain: Altered white matter microstructure in attentionâ€deficit/hyperactivity disorder and healthy controls. Human Brain Mapping, 2015, 36, 1180-1189.	3.6	25
161	Cognitive Functions in Elite and Sub-Elite Youth Soccer Players Aged 13 to 17 Years. PLoS ONE, 2015, 10, e0144580.	2.5	168
162	Impaired Visual Integration in Children with Traumatic Brain Injury: An Observational Study. PLoS ONE, 2015, 10, e0144395.	2.5	4

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163	A functional approach to cerebral visual impairments in very preterm/very-low-birth-weight children. Pediatric Research, 2015, 78, 190-197.	2.3	19
164	Altered neural connectivity during response inhibition in adolescents with attention-deficit/hyperactivity disorder and their unaffected siblings. NeuroImage: Clinical, 2015, 7, 325-335.	2.7	69
165	The role of age in association analyses of ADHD and related neurocognitive functioning: A proof of concept for dopaminergic and serotonergic genes. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2015, 168, 471-479.	1.7	19
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