Jaap Oosterlaan

List of Publications by Citations

298 papers	17,897 citations	73 h-index	126 g-index
316 ext. papers	21,291 ext. citations	5.2 avg, IF	6.75 L-index

#	Paper	IF	Citations
298	Meta-analysis of neurobehavioral outcomes in very preterm and/or very low birth weight children. *Pediatrics*, **2009**, 124, 717-28	7.4	1073
297	How specific is a deficit of executive functioning for attention-deficit/hyperactivity disorder?. *Behavioural Brain Research*, **2002**, 130, 3-28	3.4	540
296	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
295	How specific are executive functioning deficits in attention deficit hyperactivity disorder and autism?. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2004**, 45, 836-54	7.9	470
294	The impact of reinforcement contingencies on AD/HD: a review and theoretical appraisal. *Clinical Psychology Review*, **2005**, 25, 183-213	10.8	399
293	Neurocognitive functions in pathological gambling: a comparison with alcohol dependence, Tourette syndrome and normal controls. *Addiction*, **2006**, 101, 534-47	4.6	370
292	Executive functioning in adult ADHD: a meta-analytic review. *Psychological Medicine*, **2005**, 35, 1097-108	6.9	360
291	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	23.3	354
290	Decision making in pathological gambling: a comparison between pathological gamblers, alcohol dependents, persons with Tourette syndrome, and normal controls. *Cognitive Brain Research*, **2005**, 23, 137-51		339
289	Motor development in very preterm and very low-birth-weight children from birth to adolescence: a meta-analysis. *JAMA - Journal of the American Medical Association*, **2009**, 302, 2235-42	27.4	320
288	Physical exercise and executive functions in preadolescent children, adolescents and young adults: a meta-analysis. *British Journal of Sports Medicine*, **2014**, 48, 973-9	10.3	289
287	Diffusion tensor imaging in attention deficit/hyperactivity disorder: a systematic review and meta-analysis. *Neuroscience and Biobehavioral Reviews*, **2012**, 36, 1093-106	9	268
286	Response perseveration and ventral prefrontal sensitivity to reward and punishment in male problem gamblers and smokers. *Neuropsychopharmacology*, **2009**, 34, 1027-38	8.7	256
285	The top and the bottom of ADHD: a neuropsychological perspective. *Neuroscience and Biobehavioral Reviews*, **2003**, 27, 583-92	9	253
284	Brain activation patterns associated with cue reactivity and craving in abstinent problem gamblers, heavy smokers and healthy controls: an fMRI study. *Addiction Biology*, **2010**, 15, 491-503	4.6	249
283	Pathological gambling: a comprehensive review of biobehavioral findings. *Neuroscience and Biobehavioral Reviews*, **2004**, 28, 123-41	9	240
282	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	4.4	217

281	The Stroop revisited: a meta-analysis of interference control in AD/HD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2005**, 46, 150-65	7.9	217
280	Cognitive Outcomes of Children Born Extremely or Very Preterm Since the 1990s and Associated Risk Factors: A Meta-analysis and Meta-regression. *JAMA Pediatrics*, **2018**, 172, 361-367	8.3	205
279	Brain development of very preterm and very low-birthweight children in childhood and adolescence: a meta-analysis. *Developmental Medicine and Child Neurology*, **2012**, 54, 313-23	3.3	203
278	High antenatal maternal anxiety is related to impulsivity during performance on cognitive tasks in 14- and 15-year-olds. *Neuroscience and Biobehavioral Reviews*, **2005**, 29, 259-69	9	197
277	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	11.5	182
276	Inhibition in ADHD, aggressive, and anxious children: a biologically based model of child psychopathology. *Journal of Abnormal Child Psychology*, **1996**, 24, 19-36	4	180
275	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
274	Common brain disorders are associated with heritable patterns of apparent aging of the brain. *Nature Neuroscience*, **2019**, 22, 1617-1623	25.5	157
273	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
272	ADHD subtypes: do they differ in their executive functioning profile?. *Archives of Clinical Neuropsychology*, **2005**, 20, 457-77	2.7	155
271	Inhibitory dysfunction in hyperactive boys. *Behavioural Brain Research*, **1998**, 94, 25-32	3.4	154
270	Which executive functioning deficits are associated with AD/HD, ODD/CD and comorbid AD/HD+ODD/CD?. *Journal of Abnormal Child Psychology*, **2005**, 33, 69-85	4	152
269	Executive function in very preterm children at early school age. *Journal of Abnormal Child Psychology*, **2009**, 37, 981-93	4	149
268	Adaptive control deficits in attention-deficit/hyperactivity disorder (ADHD): the role of error processing. *Psychiatry Research*, **2007**, 151, 211-20	9.9	149
267	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
266	Response inhibition and response re-engagement in attention-deficit/hyperactivity disorder, disruptive, anxious and normal children. *Behavioural Brain Research*, **1998**, 94, 33-43	3.4	146
265	Hyperactive night and day? Actigraphy studies in adult ADHD: a baseline comparison and the effect of methylphenidate. *Sleep*, **2007**, 30, 433-42	1.1	144
264	Psychophysiological determinants and concomitants of deficient decision making in pathological gamblers. *Drug and Alcohol Dependence*, **2006**, 84, 231-9	4.9	140

263	Executive functioning in highly talented soccer players. *PLoS ONE*, **2014**, 9, e91254	3.7	138
262	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	7.2	133
261	Intra-individual variability in ADHD, autism spectrum disorders and Tourette's syndrome. *Neuropsychologia*, **2008**, 46, 3030-41	3.2	131
260	Predictive value of the Bayley scales of infant development on development of very preterm/very low birth weight children: a meta-analysis. *Early Human Development*, **2013**, 89, 487-96	2.2	127
259	Similar hyporesponsiveness of the dorsomedial prefrontal cortex in problem gamblers and heavy smokers during an inhibitory control task. *Drug and Alcohol Dependence*, **2012**, 121, 81-9	4.9	126
258	Executive functioning in boys with ADHD: primarily an inhibition deficit?. *Archives of Clinical Neuropsychology*, **2004**, 19, 569-94	2.7	124
257	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	11.9	120
256	The effect of methylphenidate on three forms of response inhibition in boys with AD/HD. *Journal of Abnormal Child Psychology*, **2003**, 31, 105-20	4	118
255	Does methylphenidate improve inhibition and other cognitive abilities in adults with childhood-onset ADHD?. *Journal of Clinical and Experimental Neuropsychology*, **2005**, 27, 278-98	2.1	116
254	Towards an understanding of unique and shared pathways in the psychopathophysiology of ADHD. *Developmental Science*, **2005**, 8, 132-40	4.5	112
253	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. *JAMA Psychiatry*, **2015**, 72, 490-9	14.5	111
252	Delta plots in the study of individual differences: new tools reveal response inhibition deficits in AD/Hd that are eliminated by methylphenidate treatment. *Journal of Abnormal Psychology*, **2005**, 114, 197-215	7	111
251	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	7.7	107
250	Can the Children's Communication Checklist differentiate between children with autism, children with ADHD, and normal controls?. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2004**, 45, 1437-1453	7.9	107
249	Cognitive Functions in Elite and Sub-Elite Youth Soccer Players Aged 13 to 17 Years. *PLoS ONE*, **2015**, 10, e0144580	3.7	106
248	Emotion regulation and the dynamics of feelings: a conceptual and methodological framework. *Child Development*, **2004**, 75, 354-60	4.9	105
247	The NeuroIMAGE study: a prospective phenotypic, cognitive, genetic and MRI study in children with attention-deficit/hyperactivity disorder. Design and descriptives. *European Child and Adolescent Psychiatry*, **2015**, 24, 265-81	5.5	102
246	Low basal salivary cortisol is associated with teacher-reported symptoms of conduct disorder. *Psychiatry Research*, **2005**, 134, 1-10	9.9	99

245	Neurocognitive consequences of a paediatric brain tumour and its treatment: a meta-analysis. *Developmental Medicine and Child Neurology*, **2013**, 55, 408-17	3.3	96
244	Comorbid problems in ADHD: degree of association, shared endophenotypes, and formation of distinct subtypes. Implications for a future DSM. *Journal of Abnormal Child Psychology*, **2009**, 37, 793-804	4	96
243	Executive functioning in children with an Autism Spectrum Disorder: can we differentiate within the spectrum?. *Journal of Autism and Developmental Disorders*, **2006**, 36, 351-72	4.6	96
242	The profile of executive function in very preterm children at 4 to 12 years. *Developmental Medicine and Child Neurology*, **2012**, 54, 247-53	3.3	95
241	An examination of the relationship between motor coordination and executive functions in adolescents. *Developmental Medicine and Child Neurology*, **2012**, 54, 1025-31	3.3	94
240	Substance use disorders in adolescents with attention deficit hyperactivity disorder: a 4-year follow-up study. *Addiction*, **2013**, 108, 1503-11	4.6	93
239	Executive functioning in children with autism and Tourette syndrome. *Development and Psychopathology*, **2005**, 17, 415-45	4.3	91
238	Telling good from bad news: ADHD differentially affects processing of positive and negative feedback during guessing. *Neuropsychologia*, **2005**, 43, 1946-54	3.2	88
237	Effects of reward and response cost on response inhibition in AD/HD, disruptive, anxious, and normal children. *Journal of Abnormal Child Psychology*, **1998**, 26, 161-74	4	87
236	Contrasting deficits on executive functions between ADHD and reading disabled children. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2008**, 49, 543-52	7.9	86
235	Speed, variability, and timing of motor output in ADHD: which measures are useful for endophenotypic research?. *Behavior Genetics*, **2008**, 38, 121-32	3.2	86
234	Time reproduction in children with ADHD and their nonaffected siblings. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2007**, 46, 582-590	7.2	85
233	ADHD and DCD: a relationship in need of research. *Human Movement Science*, **2006**, 25, 76-89	2.4	85
232	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	4.7	83
231	Contingency learning in alcohol dependence and pathological gambling: learning and unlearning reward contingencies. *Alcoholism: Clinical and Experimental Research*, **2014**, 38, 1602-10	3.7	83
230	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	36.5	81
229	Development of preschool and academic skills in children born very preterm. *Journal of Pediatrics*, **2011**, 158, 51-6	3.6	77
228	Executive function and IQ predict mathematical and attention problems in very preterm children. *PLoS ONE*, **2013**, 8, e55994	3.7	76

227	To act or not to act, that is the problem: primarily inhibition difficulties in adult ADHD. *Neuropsychology*, **2010**, 24, 209-21	3.8	74
226	Are motor inhibition and cognitive flexibility dead ends in ADHD?. *Journal of Abnormal Child Psychology*, **2007**, 35, 957-67	4	74
225	The relationship of working memory, inhibition, and response variability in child psychopathology. *Journal of Neuroscience Methods*, **2006**, 151, 5-14	3	73
224	Response inhibition in children with DSM-IV subtypes of AD/HD and related disruptive disorders: the role of reward. *Child Neuropsychology*, **2001**, 7, 172-89	2.7	71
223	Agreement Between Parent and Teacher Ratings of Disruptive Behavior Disorders in Children with Clinically Diagnosed ADHD. *Journal of Psychopathology and Behavioral Assessment*, **2002**, 24, 67-73	2	70
222	Increased neural responses to reward in adolescents and young adults with attention-deficit/hyperactivity disorder and their unaffected siblings. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2015**, 54, 394-402	7.2	68
221	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, 1007-17	5.5	68
220	Reward and punishment sensitivity in children with ADHD: validating the Sensitivity to Punishment and Sensitivity to Reward Questionnaire for children (SPSRQ-C). *Journal of Abnormal Child Psychology*, **2012**, 40, 145-57	4	68
219	When distraction is not distracting: a behavioral and ERP study on distraction in ADHD. *Clinical Neurophysiology*, **2007**, 118, 1855-65	4.3	66
218	Neuropsychological endophenotype approach to genome-wide linkage analysis identifies susceptibility loci for ADHD on 2q21.1 and 13q12.11. *American Journal of Human Genetics*, **2008**, 83, 99-105	11	65
217	Neurocognitive deficits in children with sickle cell disease: a comprehensive profile. *Pediatric Blood and Cancer*, **2011**, 56, 783-8	3	64
216	Dimensions and disorder specificity of impulsivity in pathological gambling. *Addictive Behaviors*, **2014**, 39, 1646-1651	4.2	61
215	Distinguishing Adolescents With ADHD From Their Unaffected Siblings and Healthy Comparison Subjects by Neural Activation Patterns During Response Inhibition. *American Journal of Psychiatry*, **2015**, 172, 674-83	11.9	60
214	The executive control network and symptomatic improvement in attention-deficit/hyperactivity disorder. *Cortex*, **2015**, 73, 62-72	3.8	59
213	Stimulant treatment for attention-deficit hyperactivity disorder and risk of developing substance use disorder. *British Journal of Psychiatry*, **2013**, 203, 112-9	5.4	59
212	Different mechanisms of white matter abnormalities in attention-deficit/hyperactivity disorder: a diffusion tensor imaging study. *Journal of the American Academy of Child and Adolescent Psychiatry*, **2014**, 53, 790-9.e3	7.2	58
211	Childhood Obesity and Impulsivity: An Investigation With Performance-Based Measures. *Behaviour Change*, **2009**, 26, 153-167	1.1	58
210	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, 942-53	7.9	55

209	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, 712-22	7.9	55
208	Altered neural connectivity during response inhibition in adolescents with attention-deficit/hyperactivity disorder and their unaffected siblings. *NeuroImage: Clinical*, **2015**, 7, 325-35	5.3	54
207	Associations between daily physical activity and executive functioning in primary school-aged children. *Journal of Science and Medicine in Sport*, **2015**, 18, 673-7	4.4	51
206	Nonregulation of food intake in restrained, emotional, and external eaters. *Journal of Psychopathology and Behavioral Assessment*, **1988**, 10, 345-354	2	51
205	Attention deficit hyperactivity disorder and developmental coordination disorder: Two separate disorders or do they share a common etiology. *Behavioural Brain Research*, **2015**, 292, 484-92	3.4	50
204	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	11.9	50
203	Perinatal risk factors for neurocognitive impairments in preschool children born very preterm. *Developmental Medicine and Child Neurology*, **2013**, 55, 178-84	3.3	50
202	Age-related grey matter volume correlates of response inhibition and shifting in attention-deficit hyperactivity disorder. *British Journal of Psychiatry*, **2009**, 194, 123-9	5.4	50
201	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, 1071-9	7.9	50
200	Test-retest reliability of a new delay aversion task and executive function measures. *British Journal of Developmental Psychology*, **2001**, 19, 339-348	2	49
199	How common are symptoms of ADHD in typically developing preschoolers? A study on prevalence rates and prenatal/demographic risk factors. *Cortex*, **2007**, 43, 710-7	3.8	48
198	Comorbid anxiety and neurocognitive dysfunctions in children with ADHD. *European Child and Adolescent Psychiatry*, **2013**, 22, 225-34	5.5	47
197	Effects of a Cognitively Demanding Aerobic Intervention During Recess on Children'S Physical Fitness and Executive Functioning. *Pediatric Exercise Science*, **2016**, 28, 64-70	2	44
196	Does reward frequency or magnitude drive reinforcement-learning in attention-deficit/hyperactivity disorder?. *Psychiatry Research*, **2009**, 168, 222-9	9.9	44
195	Neurocognitive deficits in children with sickle cell disease are associated with the severity of anemia. *Pediatric Blood and Cancer*, **2011**, 57, 297-302	3	43
194	How distinctive are ADHD and RD? Results of a double dissociation study. *Journal of Abnormal Child Psychology*, **2009**, 37, 1007-17	4	43
193	Motor coordination, working memory, and academic achievement in a normative adolescent sample: testing a mediation model. *Archives of Clinical Neuropsychology*, **2012**, 27, 766-80	2.7	43
192	Response inhibition and measures of psychopathology: a dimensional analysis. *Child Neuropsychology*, **2000**, 6, 175-84	2.7	43

191	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. *JAMA Psychiatry*, **2021**, 78, 47-63	14.5	43
190	Intellectual, behavioral, and emotional functioning in children with syndromic craniosynostosis. *Pediatrics*, **2014**, 133, e1608-15	7.4	42
189	Does methylphenidate improve academic performance? A systematic review and meta-analysis. *European Child and Adolescent Psychiatry*, **2019**, 28, 155-164	5.5	41
188	Pediatric Traumatic Brain Injury and Attention Deficit. *Pediatrics*, **2015**, 136, 534-41	7.4	40
187	Brain Correlates of the Interaction Between 5-HTTLPR and Psychosocial Stress Mediating Attention Deficit Hyperactivity Disorder Severity. *American Journal of Psychiatry*, **2015**, 172, 768-75	11.9	39
186	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	2.8	39
185	Modulation of response timing in ADHD, effects of reinforcement valence and magnitude. *Journal of Abnormal Child Psychology*, **2008**, 36, 445-56	4	39
184	Executive function deficits in children born preterm or at low birthweight: a meta-analysis. *Developmental Medicine and Child Neurology*, **2019**, 61, 1015-1024	3.3	38
183	Heart rate and reinforcement sensitivity in ADHD. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2007**, 48, 890-8	7.9	38
182	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. *Molecular Psychiatry*, **2020**, 25, 3053-3065	15.1	37
181	Structural Brain Abnormalities of Attention-Deficit/Hyperactivity Disorder With Oppositional Defiant Disorder. *Biological Psychiatry*, **2017**, 82, 642-650	7.9	35
180	Can the Children¶s Communication Checklist differentiate autism spectrum subtypes?. *Autism*, **2006** , 10, 266-87	6.6	34
179	Voxel-based morphometry analysis reveals frontal brain differences in participants with ADHD and their unaffected siblings. *Journal of Psychiatry and Neuroscience*, **2016**, 41, 272-9	4.5	34
178	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, 633-44	7.9	34
177	The serotonin transporter gene polymorphism 5-HTTLPR moderates the effects of stress on attention-deficit/hyperactivity disorder. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2014**, 55, 1363-71	7.9	33
176	Does brief, clinically based, intensive multimodal behavior therapy enhance the effects of methylphenidate in children with ADHD?. *European Child and Adolescent Psychiatry*, **2007**, 16, 48-57	5.5	33
175	Attention-Deficit/Hyperactivity Disorder symptoms coincide with altered striatal connectivity. *Biological Psychiatry: Cognitive Neuroscience and Neuroimaging*, **2016**, 1, 353-363	3.4	33
174	The Effects of Physical Exercise on Functional Outcomes in the Treatment of ADHD: A Meta-Analysis. *Journal of Attention Disorders*, **2020**, 24, 644-654	3.7	33

173	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, 1289-97	7.9	32
172	Inhibition, reinforcement sensitivity and temporal information processing in ADHD and ADHD+ODD: evidence of a separate entity?. *Journal of Abnormal Child Psychology*, **2009**, 37, 1123-35	4	32
171	Differential effects of atomoxetine on executive functioning and lexical decision in attention-deficit/hyperactivity disorder and reading disorder. *Journal of Child and Adolescent Psychopharmacology*, **2009**, 19, 699-707	2.9	32
170	Can the Children¶s Communication Checklist differentiate between children with autism, children with ADHD, and normal controls?. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2004**, 45, 1437-53	7.9	32
169	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, 344-53	2.9	31
168	Behavioral and emotional problems in children with sickle cell disease and healthy siblings: Multiple informants, multiple measures. *Pediatric Blood and Cancer*, **2009**, 53, 1277-83	3	31
167	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	3.7	31
166	Greater male than female variability in regional brain structure across the lifespan. *Human Brain Mapping*, **2020**,	5.9	31
165	Visuospatial working memory in ADHD patients, unaffected siblings, and healthy controls. *Journal of Attention Disorders*, **2014**, 18, 369-78	3.7	30
164	Neural correlates of response inhibition in children with attention-deficit/hyperactivity disorder: A controlled version of the stop-signal task. *Psychiatry Research - Neuroimaging*, **2015**, 233, 278-84	2.9	29
163	Developmental trajectories of neural mechanisms supporting conflict and error processing in middle childhood. *Developmental Neuropsychology*, **2012**, 37, 358-78	1.8	29
162	Psychosocial profile of pediatric brain tumor survivors with neurocognitive complaints. *Quality of Life Research*, **2016**, 25, 435-446	3.7	28
161	Psychological mechanisms in hypochondriasis: attention-induced physical symptoms without sensory stimulation. *Psychotherapy and Psychosomatics*, **1994**, 61, 117-20	9.4	28
160	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	3.6	28
159	Neurocognitive Predictors of ADHD Outcome: a 6-Year Follow-up Study. *Journal of Abnormal Child Psychology*, **2017**, 45, 261-272	4	27
158	Relevance of neuroimaging for neurocognitive and behavioral outcome after pediatric traumatic brain injury. *Brain Imaging and Behavior*, **2018**, 12, 29-43	4.1	26
157	Integrated analysis of gray and white matter alterations in attention-deficit/hyperactivity disorder. *NeuroImage: Clinical*, **2016**, 11, 357-367	5.3	26
156	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	26

155	Factor structure and cultural factors of disruptive behaviour disorders symptoms in Italian children. *European Psychiatry*, **2006**, 21, 410-8	6	25
154	Neural correlates of visuospatial working memory in attention-deficit/hyperactivity disorder and healthy controls. *Psychiatry Research - Neuroimaging*, **2015**, 233, 233-42	2.9	24
153	Effects of glutamine on brain development in very preterm children at school age. *Pediatrics*, **2012**, 130, e1121-7	7.4	24
152	Neuropsychological measures probably facilitate heritability research of ADHD. *Archives of Clinical Neuropsychology*, **2008**, 23, 579-91	2.7	24
151	Behavioral Effects of Neurofeedback Compared to Stimulants and Physical Activity in Attention-Deficit/Hyperactivity Disorder: A Randomized Controlled Trial. *Journal of Clinical Psychiatry*, **2016**, 77, e1270-e1277	4.6	24
150	Consequences of Correcting Intelligence Quotient for Prematurity at Age 5 Years. *Journal of Pediatrics*, **2016**, 173, 90-5	3.6	24
149	Healthy cortical development through adolescence and early adulthood. *Brain Structure and Function*, **2017**, 222, 3653-3663	4	23
148	Functional connectivity in cortico-subcortical brain networks underlying reward processing in attention-deficit/hyperactivity disorder. *NeuroImage: Clinical*, **2016**, 12, 796-805	5.3	23
147	Learning curves of theta/beta neurofeedback in children with ADHD. *European Child and Adolescent Psychiatry*, **2017**, 26, 573-582	5.5	23
146	Impaired decision making in oppositional defiant disorder related to altered psychophysiological responses to reinforcement. *Biological Psychiatry*, **2010**, 68, 337-44	7.9	23
145	The Role of Double Dissociation Studies in the Search for Candidate Endophenotypes for the Comorbidity of Attention Deficit Hyperactivity Disorder and Reading Disability. *International Journal of Disability Development and Education*, **2006**, 53, 177-193	0.8	22
144	Sensory modulation in preterm children: Theoretical perspective and systematic review. *PLoS ONE*, **2017**, 12, e0170828	3.7	22
143	Network-level assessment of reward-related activation in patients with ADHD and healthy individuals. *Human Brain Mapping*, **2017**, 38, 2359-2369	5.9	21
142	The link between callous-unemotional traits and neural mechanisms of reward processing: An fMRI study. *Psychiatry Research - Neuroimaging*, **2016**, 255, 75-80	2.9	21
141	A crucial role of altered fractional anisotropy in motor problems of very preterm children. *European Journal of Paediatric Neurology*, **2014**, 18, 126-33	3.8	21
140	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	5.5	21
139	Attention deficit hyperactivity disorder and autism spectrum disorder symptoms in school-age children born very preterm. *Research in Developmental Disabilities*, **2018**, 74, 103-112	2.7	20
138	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	5.5	20

137	Interference control in children with attention deficit/hyperactivity disorder. *Journal of Abnormal Child Psychology*, **2009**, 37, 293-303	4	20
136	Visual search and attention in five-year-old very preterm/very low birth weight children. *Early Human Development*, **2013**, 89, 983-8	2.2	19
135	Visual sensory and perceptive functioning in 5-year-old very preterm/very-low-birthweight children. *Developmental Medicine and Child Neurology*, **2014**, 56, 862-8	3.3	19
134	Neurocognitive Deficits in Attention-Deficit/Hyperactivity Disorder With and Without Comorbid Oppositional Defiant Disorder. *Journal of Attention Disorders*, **2020**, 24, 1317-1329	3.7	19
133	Brain volumetric correlates of autism spectrum disorder symptoms in attention deficit/hyperactivity disorder. *PLoS ONE*, **2014**, 9, e101130	3.7	18
132	Risk factors for comorbid oppositional defiant disorder in attention-deficit/hyperactivity disorder. *European Child and Adolescent Psychiatry*, **2017**, 26, 1155-1164	5.5	17
131	Instrumental learning in ADHD in a context of reward: intact learning curves and performance improvement with methylphenidate. *Journal of Abnormal Child Psychology*, **2015**, 43, 681-91	4	17
130	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. *Human Brain Mapping*, **2020**,	5.9	17
129	Enlarged striatal volume in adults with ADHD carrying the 9-6 haplotype of the dopamine transporter gene DAT1. *Journal of Neural Transmission*, **2016**, 123, 905-15	4.3	17
128	Botulinum toxin injections after surgery for Hirschsprung disease: Systematic review and meta-analysis. *World Journal of Gastroenterology*, **2019**, 25, 3268-3280	5.6	17
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