Eveline A Crone

List of Publications by Citations

218 papers	15,611 citations	67 h-index	120 g-index
235 ext. papers	18,376 ext. citations	5 avg, IF	7.16 L-index

#	Paper	IF	Citations
218	The role of the medial frontal cortex in cognitive control. *Science*, **2004**, 306, 443-7	33.3	2231
217	Understanding adolescence as a period of social-affective engagement and goal flexibility. *Nature Reviews Neuroscience*, **2012**, 13, 636-50	13.5	1227
216	Longitudinal changes in adolescent risk-taking: a comprehensive study of neural responses to rewards, pubertal development, and risk-taking behavior. *Journal of Neuroscience*, **2015**, 35, 7226-38	6.6	350
215	What motivates the adolescent? Brain regions mediating reward sensitivity across adolescence. *Cerebral Cortex*, **2010**, 20, 61-9	5.1	349
214	Adolescent risky decision-making: neurocognitive development of reward and control regions. *NeuroImage*, **2010**, 51, 345-55	7.9	336
213	Neurocognitive development of the ability to manipulate information in working memory. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 9315-20	11.5	333
212	Development of the Cerebral Cortex across Adolescence: A Multisample Study of Inter-Related Longitudinal Changes in Cortical Volume, Surface Area, and Thickness. *Journal of Neuroscience*, **2017**, 37, 3402-3412	6.6	299
211	Developmental changes in real life decision making: performance on a gambling task previously shown to depend on the ventromedial prefrontal cortex. *Developmental Neuropsychology*, **2004**, 25, 251-79	1.8	289
210	Pregnancy leads to long-lasting changes in human brain structure. *Nature Neuroscience*, **2017**, 20, 287-296	15.5	288
209	Structural brain development between childhood and adulthood: Convergence across four longitudinal samples. *NeuroImage*, **2016**, 141, 273-281	7.9	286
208	Neural evidence for dissociable components of task-switching. *Cerebral Cortex*, **2006**, 16, 475-86	5.1	272
207	Addiction, adolescence, and the integration of control and motivation. *Developmental Cognitive Neuroscience*, **2011**, 1, 364-76	5.5	188
206	Striatum-medial prefrontal cortex connectivity predicts developmental changes in reinforcement learning. *Cerebral Cortex*, **2012**, 22, 1247-55	5.1	177
205	Executive functions in adolescence: inferences from brain and behavior. *Developmental Science*, **2009**, 12, 825-30	4.5	167
204	Changing brains, changing perspectives: the neurocognitive development of reciprocity. *Psychological Science*, **2011**, 22, 60-70	7.9	155
203	Brain regions mediating flexible rule use during development. *Journal of Neuroscience*, **2006**, 26, 11239-47	6.6	153
202	Testosterone levels correspond with increased ventral striatum activation in response to monetary rewards in adolescents. *Developmental Cognitive Neuroscience*, **2011**, 1, 506-16	5.5	151

201	Neurocognitive development of relational reasoning. *Developmental Science*, **2009**, 12, 55-66	4.5	151
200	Evaluating the negative or valuing the positive? Neural mechanisms supporting feedback-based learning across development. *Journal of Neuroscience*, **2008**, 28, 9495-503	6.6	150
199	Heart rate and skin conductance analysis of antecendents and consequences of decision making. *Psychophysiology*, **2004**, 41, 531-40	4.1	149
198	Social exclusion and punishment of excluders: neural correlates and developmental trajectories. *NeuroImage*, **2012**, 59, 708-17	7.9	146
197	Do you like me? Neural correlates of social evaluation and developmental trajectories. *Social Neuroscience*, **2010**, 5, 461-82	2	140
196	Sex differences and structural brain maturation from childhood to early adulthood. *Developmental Cognitive Neuroscience*, **2013**, 5, 106-18	5.5	135
195	Switching between spatial stimulus-response mappings: a developmental study of cognitive flexibility. *Developmental Science*, **2004**, 7, 443-55	4.5	127
194	Media use and brain development during adolescence. *Nature Communications*, **2018**, 9, 588	17.4	126
193	Functional brain connectivity at rest changes after working memory training. *Human Brain Mapping*, **2013**, 34, 396-406	5.9	126
192	Peer Influence on Prosocial Behavior in Adolescence. *Journal of Research on Adolescence*, **2016**, 26, 90-100	3.2	125
191	Neural correlates of developmental differences in risk estimation and feedback processing. *Neuropsychologia*, **2006**, 44, 2158-70	3.2	121
190	What motivates repayment? Neural correlates of reciprocity in the Trust Game. *Social Cognitive and Affective Neuroscience*, **2009**, 4, 294-304	4	119
189	Training the developing brain: a neurocognitive perspective. *Frontiers in Human Neuroscience*, **2012**, 6, 76	3.3	116
188	Dissociable brain networks involved in development of fairness considerations: understanding intentionality behind unfairness. *NeuroImage*, **2011**, 57, 634-41	7.9	116
187	What motivates adolescents? Neural responses to rewards and their influence on adolescentsTrisk taking, learning, and cognitive control. *Neuroscience and Biobehavioral Reviews*, **2016**, 70, 135-147	9	115
186	Unfair? It depends: neural correlates of fairness in social context. *Social Cognitive and Affective Neuroscience*, **2010**, 5, 414-23	4	114
185	A comprehensive study of whole-brain functional connectivity in children and young adults. *Cerebral Cortex*, **2011**, 21, 385-91	5.1	112
184	Fairness considerations: increasing understanding of intentionality during adolescence. *Journal of Experimental Child Psychology*, **2009**, 104, 398-409	2.3	111

183	Neural Perspectives on Cognitive Control Development during Childhood and Adolescence. *Trends in Cognitive Sciences*, **2017**, 21, 205-215	14	110
182	Delay discounting and frontostriatal fiber tracts: a combined DTI and MTR study on impulsive choices in healthy young adults. *Cerebral Cortex*, **2013**, 23, 1695-702	5.1	109
181	Neurodevelopmental changes of reading the mind in the eyes. *Social Cognitive and Affective Neuroscience*, **2012**, 7, 44-52	4	106
180	A developmental study of risky decisions on the cake gambling task: age and gender analyses of probability estimation and reward evaluation. *Developmental Neuropsychology*, **2008**, 33, 179-96	1.8	104
179	Characterization of children's decision making: sensitivity to punishment frequency, not task complexity. *Child Neuropsychology*, **2005**, 11, 245-63	2.7	104
178	White matter development in adolescence: the influence of puberty and implications for affective disorders. *Developmental Cognitive Neuroscience*, **2012**, 2, 36-54	5.5	103
177	Neural circuitry underlying rule use in humans and nonhuman primates. *Journal of Neuroscience*, **2005**, 25, 10347-50	6.6	99
176	The heartbrake of social rejection: heart rate deceleration in response to unexpected peer rejection. *Psychological Science*, **2010**, 21, 1326-33	7.9	98
175	Development of decision making in school-aged children and adolescents: evidence from heart rate and skin conductance analysis. *Child Development*, **2007**, 78, 1288-301	4.9	98
174	Decision-making in healthy children, adolescents and adults explained by the use of increasingly complex proportional reasoning rules. *Developmental Science*, **2007**, 10, 814-25	4.5	97
173	Unraveling age, puberty and testosterone effects on subcortical brain development across adolescence. *Psychoneuroendocrinology*, **2018**, 91, 105-114	5	91
172	The developing brain: from theory to neuroimaging and back. *Developmental Cognitive Neuroscience*, **2011**, 1, 101-9	5.5	89
171	Practice effects in the brain: Changes in cerebral activation after working memory practice depend on task demands. *NeuroImage*, **2010**, 52, 658-68	7.9	87
170	Chronic Childhood Peer Rejection is Associated with Heightened Neural Responses to Social Exclusion During Adolescence. *Journal of Abnormal Child Psychology*, **2016**, 44, 43-55	4	86
169	Switching between tasks and responses: a developmental study. *Developmental Science*, **2006**, 9, 278-87	4.5	86
168	Sensitivity to interference and response contingencies in attention-deficit/hyperactivity disorder. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2003**, 44, 214-26	7.9	85
167	A cross-sectional and longitudinal analysis of reward-related brain activation: effects of age, pubertal stage, and reward sensitivity. *Brain and Cognition*, **2014**, 89, 3-14	2.7	84
166	Annual Research Review: Neural contributions to risk-taking in adolescence--developmental changes and individual differences. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2016**, 57, 353-68	7.9	82

165	Frontostriatal White Matter Integrity Predicts Development of Delay of Gratification: A Longitudinal Study. *Journal of Neuroscience*, **2016**, 36, 1954-61	6.6	80
164	Neural mechanisms supporting flexible performance adjustment during development. *Cognitive, Affective and Behavioral Neuroscience*, **2008**, 8, 165-77	3.5	77
163	Development of risk taking: contributions from adolescent testosterone and the orbito-frontal cortex. *Journal of Cognitive Neuroscience*, **2013**, 25, 2141-50	3.1	75
162	Neural Correlates of Prosocial Behavior: Compensating Social Exclusion in a Four-Player Cyberball Game. *PLoS ONE*, **2016**, 11, e0159045	3.7	75
161	Gambling for self, friends, and antagonists: differential contributions of affective and social brain regions on adolescent reward processing. *NeuroImage*, **2014**, 100, 281-9	7.9	73
160	The development of creative cognition across adolescence: distinct trajectories for insight and divergent thinking. *Developmental Science*, **2013**, 16, 2-12	4.5	73
159	Development of trust and reciprocity in adolescence. *Cognitive Development*, **2010**, 25, 90-102	1.7	72
158	Developmental changes and individual differences in risk and perspective taking in adolescence. *Development and Psychopathology*, **2008**, 20, 1213-29	4.3	71
157	Developmental change in feedback processing as reflected by phasic heart rate changes. *Developmental Psychology*, **2004**, 40, 1228-38	3.7	71
156	Neural correlates of prosocial peer influence on public goods game donations during adolescence. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 923-33	4	70
155	The influence of sex steroids on structural brain maturation in adolescence. *PLoS ONE*, **2014**, 9, e83929	3.7	70
154	A three-year longitudinal functional magnetic resonance imaging study of performance monitoring and test-retest reliability from childhood to early adulthood. *Journal of Neuroscience*, **2011**, 31, 4204-12	6.6	69
153	Perceived stress as mediator for longitudinal effects of the COVID-19 lockdown on wellbeing of parents and children. *Scientific Reports*, **2021**, 11, 2971	4.9	69
152	The neural coding of creative idea generation across adolescence and early adulthood. *Frontiers in Human Neuroscience*, **2013**, 7, 905	3.3	68
151	Better than expected or as bad as you thought? The neurocognitive development of probabilistic feedback processing. *Frontiers in Human Neuroscience*, **2009**, 3, 52	3.3	66
150	Control your anger! The neural basis of aggression regulation in response to negative social feedback. *Social Cognitive and Affective Neuroscience*, **2016**, 11, 712-20	4	65
149	The link between testosterone and amygdala-orbitofrontal cortex connectivity in adolescent alcohol use. *Psychoneuroendocrinology*, **2015**, 53, 117-26	5	63
148	Childhood emotional maltreatment severity is associated with dorsal medial prefrontal cortex responsivity to social exclusion in young adults. *PLoS ONE*, **2014**, 9, e85107	3.7	63

147	How stable is activation in the amygdala and prefrontal cortex in adolescence? A study of emotional face processing across three measurements. *Developmental Cognitive Neuroscience*, **2013**, 4, 65-76	5.5	61
146	Cardiac concomitants of feedback processing. *Biological Psychology*, **2003**, 64, 143-56	3.2	61
145	Sharing and giving across adolescence: an experimental study examining the development of prosocial behavior. *Frontiers in Psychology*, **2014**, 5, 291	3.4	58
144	Understanding the Role of Puberty in Structural and Functional Development of the Adolescent Brain. *Journal of Research on Adolescence*, **2019**, 29, 32-53	3.2	56
143	A heart rate analysis of developmental change in feedback processing and rule shifting from childhood to early adulthood. *Journal of Experimental Child Psychology*, **2006**, 95, 99-116	2.3	56
142	Acting on social exclusion: neural correlates of punishment and forgiveness of excluders. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 209-18	4	52
141	Contributions of Reward Sensitivity to Ventral Striatum Activity Across Adolescence and Early Adulthood. *Child Development*, **2018**, 89, 797-810	4.9	52
140	Reward-related neural responses are dependent on the beneficiary. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 1030-7	4	51
139	Changing brains: how longitudinal functional magnetic resonance imaging studies can inform us about cognitive and social-affective growth trajectories. *Wiley Interdisciplinary Reviews: Cognitive Science*, **2015**, 6, 53-63	4.5	50
138	Dealing With Uncertainty: Testing Risk- and Ambiguity-Attitude Across Adolescence. *Developmental Neuropsychology*, **2016**, 41, 77-92	1.8	49
137	Self and Others in Adolescence. *Annual Review of Psychology*, **2020**, 71, 447-469	26.1	49
136	The neural coding of feedback learning across child and adolescent development. *Journal of Cognitive Neuroscience*, **2014**, 26, 1705-20	3.1	47
135	Developmental trends for object and spatial working memory: a psychophysiological analysis. *Child Development*, **2007**, 78, 987-1000	4.9	47
134	Amygdala-orbitofrontal connectivity predicts alcohol use two years later: a longitudinal neuroimaging study on alcohol use in adolescence. *Developmental Science*, **2017**, 20, e12448	4.5	46
133	Neural correlates of intentional and stimulus-driven inhibition: a comparison. *Frontiers in Human Neuroscience*, **2014**, 8, 27	3.3	46
132	Distinct linear and non-linear trajectories of reward and punishment reversal learning during development: relevance for dopamine's role in adolescent decision making. *Developmental Cognitive Neuroscience*, **2011**, 1, 578-90	5.5	46
131	Developmental differences in prefrontal activation during working memory maintenance and manipulation for different memory loads. *Developmental Science*, **2011**, 14, 713-24	4.5	46
130	Nucleus accumbens response to rewards and testosterone levels are related to alcohol use in adolescents and young adults. *Developmental Cognitive Neuroscience*, **2016**, 17, 83-93	5.5	45

129	Acting on observed social exclusion: Developmental perspectives on punishment of excluders and compensation of victims. *Developmental Psychology*, **2013**, 49, 2236-44	3.7	45
128	Learning whom to trust in repeated social interactions: A developmental perspective. *Group Processes and Intergroup Relations*, **2012**, 15, 243-256	1.9	45
127	Longitudinal development of hippocampal subregions from childhood to adulthood. *Developmental Cognitive Neuroscience*, **2018**, 30, 212-222	5.5	44
126	Emerging depression in adolescence coincides with accelerated frontal cortical thinning. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2018**, 59, 994-1002	7.9	43
125	A daily diary study on adolescentsTmood, empathy, and prosocial behavior during the COVID-19 pandemic. *PLoS ONE*, **2020**, 15, e0240349	3.7	42
124	Pubertal maturation and sex steroids are related to alcohol use in adolescents. *Hormones and Behavior*, **2013**, 63, 392-7	3.7	40
123	The Teenage Brain: A Neuroeconomic Approach to Adolescent Decision Making. *Current Directions in Psychological Science*, **2013**, 22, 108-113	6.5	40
122	Hanging Out With the Right Crowd: Peer Influence on Risk-Taking Behavior in Adolescence. *Journal of Research on Adolescence*, **2017**, 27, 189-200	3.2	39
121	Longitudinal development of frontoparietal activity during feedback learning: Contributions of age, performance, working memory and cortical thickness. *Developmental Cognitive Neuroscience*, **2016**, 19, 211-22	5.5	39
120	A longitudinal analysis of neural regions involved in reading the mind in the eyes. *Social Cognitive and Affective Neuroscience*, **2015**, 10, 619-27	4	37
119	Neural correlates of the development of cognitive control22-37		36
118	Assessing Empathy across Childhood and Adolescence: Validation of the Empathy Questionnaire for Children and Adolescents (EmQue-CA). *Frontiers in Psychology*, **2017**, 8, 870	3.4	35
117	Phasic heart rate responses to performance feedback in a time production task: effects of information versus valence. *Biological Psychology*, **2004**, 65, 147-61	3.2	35
116	Neural correlates of advantageous and disadvantageous inequity in sharing decisions. *PLoS ONE*, **2014**, 9, e107996	3.7	33
115	Prefrontal cortex involvement in creative problem solving in middle adolescence and adulthood. *Developmental Cognitive Neuroscience*, **2013**, 5, 197-206	5.5	33
114	Development of equity preferences in boys and girls across adolescence. *Child Development*, **2015**, 86, 145-58	4.9	32
113	Developmental Maturation of the Precuneus as a Functional Core of the Default Mode Network. *Journal of Cognitive Neuroscience*, **2019**, 31, 1506-1519	3.1	31
112	Neural correlates of retaliatory and prosocial reactions to social exclusion: Associations with chronic peer rejection. *Developmental Cognitive Neuroscience*, **2016**, 19, 288-97	5.5	31

111	Greater male than female variability in regional brain structure across the lifespan. *Human Brain Mapping*, **2020**,	5.9	31
110	Considerations of Fairness in the Adolescent Brain. *Child Development Perspectives*, **2013**, 7, 97-103	5.5	30
109	Amygdala activation during emotional face processing in adolescents with affective disorders: the role of underlying depression and anxiety symptoms. *Frontiers in Human Neuroscience*, **2014**, 8, 393	3.3	29
108	A three-wave longitudinal study of subcortical-cortical resting-state connectivity in adolescence: Testing age- and puberty-related changes. *Human Brain Mapping*, **2019**, 40, 3769-3783	5.9	28
107	Peer influence effects on risk-taking and prosocial decision-making in adolescence: insights from neuroimaging studies. *Current Opinion in Behavioral Sciences*, **2016**, 10, 59-64	4	28
106	Evaluating ambivalence: social-cognitive and affective brain regions associated with ambivalent decision-making. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 924-31	4	28
105	Longitudinal change in adolescent depression and anxiety symptoms from before to during the COVID-19 pandemic: A collaborative of 12 samples from 3 countries		28
104	Peer rejection cues induce cardiac slowing after transition into adolescence. *Developmental Psychology*, **2014**, 50, 947-55	3.7	26
103	Training creative cognition: adolescence as a flexible period for improving creativity. *Frontiers in Human Neuroscience*, **2014**, 8, 827	3.3	26
102	Switching between colors and shapes on the basis of positive and negative feedback: an fMRI and EEG study on feedback-based learning. *Cortex*, **2008**, 44, 537-47	3.8	26
101	The cerebellum link to neuroticism: a volumetric MRI association study in healthy volunteers. *PLoS ONE*, **2012**, 7, e37252	3.7	26
100	Becoming a mother entails anatomical changes in the ventral striatum of the human brain that facilitate its responsiveness to offspring cues. *Psychoneuroendocrinology*, **2020**, 112, 104507	5	26
99	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	26
98	Peers and parents: a comparison between neural activation when winning for friends and mothers in adolescence. *Social Cognitive and Affective Neuroscience*, **2017**, 12, 417-426	4	25
97	Sex Effects on Development of Brain Structure and Executive Functions: Greater Variance than Mean Effects. *Journal of Cognitive Neuroscience*, **2019**, 31, 730-753	3.1	25
96	Creativity Development in Adolescence: Insight from Behavior, Brain, and Training Studies. *New Directions for Child and Adolescent Development*, **2016**, 2016, 73-84	1.3	25
95	Longitudinal structural brain development and externalizing behavior in adolescence. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2018**, 59, 1061-1072	7.9	25
94	Hippocampal volume and internalizing behavior problems in adolescence. *European Neuropsychopharmacology*, **2013**, 23, 622-8	1.2	24

93	Behavior and neural correlates of empathy in adolescents. *Developmental Neuroscience*, **2014**, 36, 210-9	2.2	24
92	Practice effects in the developing brain: a pilot study. *Developmental Cognitive Neuroscience*, **2012**, 2 Suppl 1, S180-91	5.5	24
91	Training in the adolescent brain: An fMRI training study on divergent thinking. *Developmental Psychology*, **2017**, 53, 353-365	3.7	23
90	Pregnancy and adolescence entail similar neuroanatomical adaptations: A comparative analysis of cerebral morphometric changes. *Human Brain Mapping*, **2019**, 40, 2143-2152	5.9	23
89	Heritability of aggression following social evaluation in middle childhood: An fMRI study. *Human Brain Mapping*, **2018**, 39, 2828-2841	5.9	22
88	Efficacy of the Video-feedback Intervention to promote Positive Parenting and Sensitive Discipline in Twin Families (VIPP-Twins): Study protocol for a randomized controlled trial. *BMC Psychology*, **2016**, 4, 33	2.8	22
87	Neural correlates of social decision-making in severely antisocial adolescents. *Social Cognitive and Affective Neuroscience*, **2014**, 9, 2059-66	4	22
86	Neural Mechanisms Underlying Risk and Ambiguity Attitudes. *Journal of Cognitive Neuroscience*, **2017**, 29, 1845-1859	3.1	22
85	A Penny for Your Pain? The Financial Compensation of Social Pain After Exclusion. *Social Psychological and Personality Science*, **2013**, 4, 206-214	4.3	22
84	Neural correlates of social decision making and relationships: a developmental perspective. *Annals of the New York Academy of Sciences*, **2009**, 1167, 197-206	6.5	22
83	Goal-Directed Correlates and Neurobiological Underpinnings of Adolescent Identity: A Multimethod Multisample Longitudinal Approach. *Child Development*, **2018**, 89, 823-836	4.9	21
82	Strategies influence neural activity for feedback learning across child and adolescent development. *Neuropsychologia*, **2014**, 62, 365-74	3.2	21
81	Development of response inhibition in the context of relevant versus irrelevant emotions. *Frontiers in Psychology*, **2013**, 4, 383	3.4	21
80	The relation between resting state connectivity and creativity in adolescents before and after training. *PLoS ONE*, **2014**, 9, e105780	3.7	21
79	The neural and behavioral correlates of social evaluation in childhood. *Developmental Cognitive Neuroscience*, **2017**, 24, 107-117	5.5	20
78	Longitudinal Changes in Social Brain Development: Processing Outcomes for Friend and Self. *Child Development*, **2017**, 88, 1952-1965	4.9	20
77	The role of the medial frontal cortex in the development of cognitive and social-affective performance monitoring. *Psychophysiology*, **2014**, 51, 943-50	4.1	20
76	Choosing not to act: neural bases of the development of intentional inhibition. *Developmental Cognitive Neuroscience*, **2014**, 10, 93-103	5.5	20

75	Medial prefrontal cortical thinning mediates shifts in other-regarding preferences during adolescence. *Scientific Reports*, **2017**, 7, 8510	4.9	19
74	New perspectives on self-control development: highlighting the role of intentional inhibition. *Neuropsychologia*, **2014**, 65, 236-46	3.2	19
73	The link between cognitive control and decision-making across child and adolescent development. *Current Opinion in Behavioral Sciences*, **2016**, 10, 28-32	4	19
72	Direct and reflected self-concept show increasing similarity across adolescence: A functional neuroimaging study. *Neuropsychologia*, **2019**, 129, 407-417	3.2	18
71	Development of Multifaceted Risk Taking and the Relations to Sex Steroid Hormones: A Longitudinal Study. *Child Development*, **2018**, 89, 1887-1907	4.9	18
70	Giving to Friends, Classmates, and Strangers in Adolescence. *Journal of Research on Adolescence*, **2020**, 30 Suppl 2, 290-297	3.2	18
69	Social network cohesion in school classes promotes prosocial behavior. *PLoS ONE*, **2018**, 13, e0194656	3.7	18
68	The neural correlates of childhood maltreatment and the ability to understand mental states of others. *Høgre Utbildning*, **2017**, 8, 1272788	5	17
67	Distinctive heritability patterns of subcortical-prefrontal cortex resting state connectivity in childhood: A twin study. *NeuroImage*, **2018**, 175, 138-149	7.9	17
66	The relation between gray matter morphology and divergent thinking in adolescents and young adults. *PLoS ONE*, **2014**, 9, e114619	3.7	17
65	A multisample study of longitudinal changes in brain network architecture in 4-13-year-old children. *Human Brain Mapping*, **2018**, 39, 157-170	5.9	16
64	Amygdala habituation to emotional faces in adolescents with internalizing disorders, adolescents with childhood sexual abuse related PTSD and healthy adolescents. *Developmental Cognitive Neuroscience*, **2016**, 21, 15-25	5.5	16
63	Reference values for salivary testosterone in adolescent boys and girls determined using Isotope-Dilution Liquid-Chromatography Tandem Mass Spectrometry (ID-LC-MS/MS). *Clinica Chimica Acta*, **2016**, 456, 15-18	6.2	16
62	Mood and emotional reactivity of adolescents during the COVID-19 pandemic: short-term and long-term effects and the impact of social and socioeconomic stressors. *Scientific Reports*, **2021**, 11, 11563	4.9	16
61	Brain function during probabilistic learning in relation to IQ and level of education. *Developmental Cognitive Neuroscience*, **2012**, 2 Suppl 1, S78-89	5.5	15
60	Neural and behavioral signatures of social evaluation and adaptation in childhood and adolescence: The Leiden consortium on individual development (L-CID). *Developmental Cognitive Neuroscience*, **2020**, 45, 100805	5.5	15
59	Heritability of neural reactions to social exclusion and prosocial compensation in middle childhood. *Developmental Cognitive Neuroscience*, **2018**, 34, 42-52	5.5	15
58	Opportunities for Neurodevelopmental Plasticity From Infancy Through Early Adulthood. *Child Development*, **2018**, 89, 687-697	4.9	14

57	The neural correlates of dealing with social exclusion in childhood. *Neuropsychologia*, **2017**, 103, 29-37	3.2	14
56	Fairness considerations when I know more than you do: developmental comparisons. *Frontiers in Psychology*, **2012**, 3, 424	3.4	14
55	Behavioral and Neural Pathways Supporting the Development of Prosocial and Risk-Taking Behavior Across Adolescence. *Child Development*, **2020**, 91, e665-e681	4.9	14
54	Developmental Changes and Individual Differences in Trust and Reciprocity in Adolescence. *Journal of Research on Adolescence*, **2020**, 30 Suppl 1, 192-208	3.2	14
53	Peers Influence Prosocial Behavior in Adolescent Males with Autism Spectrum Disorders. *Journal of Autism and Developmental Disorders*, **2017**, 47, 2225-2237	4.6	13
52	Exploring the role of testosterone in the cerebellum link to neuroticism: From adolescence to early adulthood. *Psychoneuroendocrinology*, **2017**, 78, 203-212	5	12
51	Consensus Parameter: Research Methodologies to Evaluate Neurodevelopmental Effects of Pubertal Suppression in Transgender Youth. *Transgender Health*, **2020**, 5, 246-257	4	12
50	Behavioral and neural reactions to emotions of others in the distribution of resources. *Social Neuroscience*, **2013**, 8, 52-62	2	12
49	Longitudinal links between childhood peer acceptance and the neural correlates of sharing. *Developmental Science*, **2018**, 21, e12489	4.5	10
48	Age and Gender Effects in Sensitivity to Social Rewards in Adolescents and Young Adults. *Frontiers in Behavioral Neuroscience*, **2019**, 13, 171	3.5	10
47	Predicting reading and mathematics from neural activity for feedback learning. *Developmental Psychology*, **2017**, 53, 149-159	3.7	10
46	Longitudinal changes in DLPFC activation during childhood are related to decreased aggression following social rejection. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 8602-8610	11.5	10
45	Genetic and environmental influences on structure of the social brain in childhood. *Developmental Cognitive Neuroscience*, **2020**, 44, 100782	5.5	9
44	On Imbalance of Impulse Control and Sensation Seeking and Adolescent Risk: An Intra-individual Developmental Test of the Dual Systems and Maturational Imbalance Models. *Journal of Youth and Adolescence*, **2021**, 50, 827-840	4.5	9
43	Developmental change in intentional action and inhibition: a heart rate analysis. *Psychophysiology*, **2013**, 50, 812-9	4.1	8
42	Brain activation upon ideal-body media exposure and peer feedback in late adolescent girls. *Cognitive, Affective and Behavioral Neuroscience*, **2017**, 17, 712-723	3.5	7
41	Rejection in Bargaining Situations: An Event-Related Potential Study in Adolescents and Adults. *PLoS ONE*, **2015**, 10, e0139953	3.7	7
40	Perceived stress as mediator for longitudinal effects of the COVID-19 lockdown on wellbeing of parents and children		7

39	Neural responses for evaluating self and mother traits in adolescence depend on mother-adolescent relationships. *Social Cognitive and Affective Neuroscience*, **2019**, 14, 481-492	4	6
38	Neural reward-related reactions to monetary gains for self and charity. *Cognitive, Affective and Behavioral Neuroscience*, **2019**, 19, 845-858	3.5	6
37	Beyond the average brain: individual differences in social brain development are associated with friendship quality. *Social Cognitive and Affective Neuroscience*, **2021**, 16, 292-301	4	6
36	Familiarity and Audience Effects on Giving: A Functional Magnetic Resonance Imaging Study. *Journal of Cognitive Neuroscience*, **2020**, 32, 1577-1589	3.1	5
35	Cognitive strategy use as an index of developmental differences in neural responses to feedback. *Developmental Psychology*, **2014**, 50, 2686-96	3.7	5
34	Friendship stability in adolescence is associated with ventral striatum responses to vicarious rewards. *Nature Communications*, **2021**, 12, 313	17.4	5
33	Win for your kin: Neural responses to personal and vicarious rewards when mothers win for their adolescent children. *PLoS ONE*, **2018**, 13, e0198663	3.7	5
32	Happy for Us not Them: Differences in neural activation in a vicarious reward task between family and strangers during adolescent development. *Developmental Cognitive Neuroscience*, **2021**, 51, 100985	5.5	5
31	Lies that feel honest: Dissociating between incentive and deviance processing when evaluating dishonesty. *Biological Psychology*, **2016**, 117, 100-107	3.2	4
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