

Margot J Taylor

List of Publications by Year in descending order

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Version: 2024-02-01

208
papers

10,975
citations

34016

52
h-index

38300

95
g-index

214
all docs

214
docs citations

214
times ranked

10734
citing authors

#	ARTICLE	IF	CITATIONS
1	Early processing of the six basic facial emotional expressions. <i>Cognitive Brain Research</i> , 2003, 17, 613-620.	3.3	809
2	N170 or N1? Spatiotemporal Differences between Object and Face Processing Using ERPs. <i>Cerebral Cortex</i> , 2004, 14, 132-142.	1.6	561
3	Inversion and Contrast Polarity Reversal Affect both Encoding and Recognition Processes of Unfamiliar Faces: A Repetition Study Using ERPs. <i>NeuroImage</i> , 2002, 15, 353-372.	2.1	470
4	Cortical and Subcortical Brain Morphometry Differences Between Patients With Autism Spectrum Disorder and Healthy Individuals Across the Lifespan: Results From the ENIGMA ASD Working Group. <i>American Journal of Psychiatry</i> , 2018, 175, 359-369.	4.0	356
5	Source analysis of the N170 to faces and objects. <i>NeuroReport</i> , 2004, 15, 1261-1265.	0.6	314
6	Face, eye and object early processing: What is the face specificity?. <i>NeuroImage</i> , 2006, 29, 667-676.	2.1	251
7	The development of emotional face processing during childhood. <i>Developmental Science</i> , 2006, 9, 207-220.	1.3	249
8	Eyes first! Eye processing develops before face processing in children. <i>NeuroReport</i> , 2001, 12, 1671-1676.	0.6	239
9	ERP evidence of developmental changes in processing of faces. <i>Clinical Neurophysiology</i> , 1999, 110, 910-915.	0.7	207
10	Effects of repetition learning on upright, inverted and contrast-reversed face processing using ERPs. <i>NeuroImage</i> , 2004, 21, 1518-1532.	2.1	198
11	Non-spatial attentional effects on P1. <i>Clinical Neurophysiology</i> , 2002, 113, 1903-1908.	0.7	191
12	Face processing stages: Impact of difficulty and the separation of effects. <i>Brain Research</i> , 2006, 1123, 179-187.	1.1	172
13	Lateralization of affective processing in the insula. <i>NeuroImage</i> , 2013, 78, 159-175.	2.1	167
14	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. <i>Nature Communications</i> , 2019, 10, 4958.	5.8	167
15	Spatio temporal Dynamics of Face Recognition. <i>Cerebral Cortex</i> , 2008, 18, 997-1009.	1.6	154
16	Regulation of autism-relevant behaviors by cerebellar and prefrontal cortical circuits. <i>Nature Neuroscience</i> , 2020, 23, 1102-1110.	7.1	149
17	The role of executive functions in social impairment in Autism Spectrum Disorder. <i>Child Neuropsychology</i> , 2016, 22, 336-344.	0.8	148
18	Face Recognition Memory and Configural Processing: A Developmental ERP Study using Upright, Inverted, and Contrast-Reversed Faces. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 487-502.	1.1	145

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19	Large-scale analyses of the relationship between sex, age and intelligence quotient heterogeneity and cortical morphometry in autism spectrum disorder. <i>Molecular Psychiatry</i> , 2020, 25, 614-628.	4.1	141
20	Brain Noise Is Task Dependent and Region Specific. <i>Journal of Neurophysiology</i> , 2010, 104, 2667-2676.	0.9	135
21	Converging Evidence for the Advantage of Dynamic Facial Expressions. <i>Brain Topography</i> , 2011, 24, 149-163.	0.8	127
22	A Diffusion Tensor Imaging Study in Children With ADHD, Autism Spectrum Disorder, OCD, and Matched Controls: Distinct and Non-Distinct White Matter Disruption and Dimensional Brain-Behavior Relationships. <i>American Journal of Psychiatry</i> , 2016, 173, 1213-1222.	4.0	124
23	Regional differences in grey and white matter in children and adults with autism spectrum disorders: an activation likelihood estimate (ALE) meta-analysis. <i>Autism Research</i> , 2012, 5, 49-66.	2.1	123
24	Is the face-sensitive N170 the only ERP not affected by selective attention?. <i>NeuroReport</i> , 2000, 11, 2167-2171.	0.6	122
25	Early processing of emotional faces in children with autism: An event-related potential study. <i>Journal of Experimental Child Psychology</i> , 2011, 109, 430-444.	0.7	121
26	Unattended emotional faces elicit early lateralized amygdala-frontal and fusiform activations. <i>NeuroImage</i> , 2010, 50, 727-733.	2.1	108
27	Event-Related Potentials to Visual and Language Stimuli in Normal and Dyslexic Children. <i>Psychophysiology</i> , 1990, 27, 318-327.	1.2	105
28	Effect of Methylphenidate on Attention in Children with Attention Deficit Hyperactivity Disorder (ADHD) ERP Evidence. <i>Neuropsychopharmacology</i> , 1999, 21, 218-228.	2.8	103
29	Inversion and contrast-reversal effects on face processing assessed by MEG. <i>Brain Research</i> , 2006, 1115, 108-120.	1.1	101
30	Detection and localization of hippocampal activity using beamformers with MEG: A detailed investigation using simulations and empirical data. <i>Human Brain Mapping</i> , 2011, 32, 812-827.	1.9	100
31	Neural correlates of personally familiar faces: Parents, partner and own faces. <i>Human Brain Mapping</i> , 2009, 30, 2008-2020.	1.9	98
32	Holistic Processing of Faces: Learning Effects with Mooney Faces. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 1316-1327.	1.1	97
33	Resilience of developing brain networks to interictal epileptiform discharges is associated with cognitive outcome. <i>Brain</i> , 2014, 137, 2690-2702.	3.7	90
34	The changing face of emotion: age-related patterns of amygdala activation to salient faces. <i>Social Cognitive and Affective Neuroscience</i> , 2011, 6, 12-23.	1.5	87
35	Quantitative MRI in the very preterm brain: Assessing tissue organization and myelination using magnetization transfer, diffusion tensor and T1 imaging. <i>NeuroImage</i> , 2013, 64, 505-516.	2.1	85
36	VEP's in normal full-term and premature neonates: longitudinal versus cross-sectional data. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1987, 68, 20-27.	2.0	84

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37	Atypical resting synchrony in autism spectrum disorder. <i>Human Brain Mapping</i> , 2014, 35, 6049-6066.	1.9	83
38	Effects of repetition and configural changes on the development of face recognition processes. <i>Developmental Science</i> , 2004, 7, 469-487.	1.3	79
39	The autism puzzle: Diffuse but not pervasive neuroanatomical abnormalities in children with ASD. <i>NeuroImage: Clinical</i> , 2015, 8, 170-179.	1.4	75
40	The developing human brain: age-related changes in cortical, subcortical, and cerebellar anatomy. <i>Brain and Behavior</i> , 2016, 6, e00457.	1.0	74
41	Oscillations, networks, and their development: MEG connectivity changes with age. <i>Human Brain Mapping</i> , 2014, 35, 5249-5261.	1.9	69
42	Reduced Theta Connectivity during Set-Shifting in Children with Autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 785.	1.0	67
43	Measures of Cortical Grey Matter Structure and Development in Children with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2012, 42, 419-427.	1.7	65
44	Neural Correlates of Familiarity in Music Listening: A Systematic Review and a Neuroimaging Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2018, 12, 686.	1.4	64
45	Attention inhibition of early cortical activation to fearful faces. <i>Brain Research</i> , 2010, 1313, 113-123.	1.1	62
46	A balancing act of the brain: activations and deactivations driven by cognitive load. <i>Brain and Behavior</i> , 2013, 3, 273-285.	1.0	62
47	Visual categorization during childhood: An ERP study. <i>Psychophysiology</i> , 2002, 39, 482-490.	1.2	61
48	fMRI and MEG in the study of typical and atypical cognitive development. <i>Neurophysiologie Clinique</i> , 2012, 42, 19-25.	1.0	61
49	Neuroanatomical consequences of very preterm birth in middle childhood. <i>Brain Structure and Function</i> , 2013, 218, 575-585.	1.2	60
50	Neural mechanisms of inhibitory control continue to mature in adolescence. <i>Developmental Cognitive Neuroscience</i> , 2014, 10, 129-139.	1.9	60
51	Altered temporal stability in dynamic neural networks underlies connectivity changes in neurodevelopment. <i>NeuroImage</i> , 2018, 174, 563-575.	2.1	60
52	Decreased Sensitivity to Thermal Stimuli in Adolescents With Autism Spectrum Disorder: Relation to Symptomatology and Cognitive Ability. <i>Journal of Pain</i> , 2015, 16, 463-471.	0.7	58
53	Reduced beta connectivity during emotional face processing in adolescents with autism. <i>Molecular Autism</i> , 2014, 5, 51.	2.6	56
54	Assessment of brain function in adolescent anorexia nervosa before and after weight gain. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1997, 19, 20-33.	0.8	55

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55	Effects of age and symptomatology on cortical thickness in autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2013, 7, 141-150.	0.8	55
56	Desynchronization of fronto-temporal networks during working memory processing in autism. <i>Human Brain Mapping</i> , 2016, 37, 153-164.	1.9	52
57	Deep grey matter growth predicts neurodevelopmental outcomes in very preterm children. <i>NeuroImage</i> , 2015, 111, 360-368.	2.1	51
58	Magnetoencephalographic evidence of early processing of direction of gaze in humans. <i>Neuroscience Letters</i> , 2001, 316, 173-177.	1.0	49
59	Response inhibition in adults and teenagers: Spatiotemporal differences in the prefrontal cortex. <i>Brain and Cognition</i> , 2012, 79, 49-59.	0.8	49
60	Is it in the eyes? Dissociating the role of emotion and perceptual features of emotionally expressive faces in modulating orienting to eye gaze. <i>Visual Cognition</i> , 2011, 19, 483-510.	0.9	47
61	Face inversion and contrast-reversal effects across development: in contrast to the expertise theory. <i>Developmental Science</i> , 2004, 7, 246-260.	1.3	46
62	Techniques for Detection and Localization of Weak Hippocampal and Medial Frontal Sources Using Beamformers in MEG. <i>Brain Topography</i> , 2012, 25, 248-263.	0.8	46
63	The neurodevelopmental differences of increasing verbal working memory demand in children and adults. <i>Developmental Cognitive Neuroscience</i> , 2016, 17, 19-27.	1.9	46
64	Multimodal Evoked Potential Studies in Leukodystrophies of Children. <i>Canadian Journal of Neurological Sciences</i> , 1988, 15, 26-31.	0.3	45
65	Soldiers With Posttraumatic Stress Disorder See a World Full of Threat: Magnetoencephalography Reveals Enhanced Tuning to Combat-Related Cues. <i>Biological Psychiatry</i> , 2015, 78, 821-829.	0.7	45
66	The neural correlates of visuo-spatial working memory in children with autism spectrum disorder: effects of cognitive load. <i>Journal of Neurodevelopmental Disorders</i> , 2014, 6, 19.	1.5	43
67	White matter microstructural differences identified using multi-shell diffusion imaging in six-year-old children born very preterm. <i>NeuroImage: Clinical</i> , 2019, 23, 101855.	1.4	43
68	The development of regional functional connectivity in preterm infants into early childhood. <i>Neuroradiology</i> , 2013, 55, 105-111.	1.1	42
69	Self-injurious behaviours are associated with alterations in the somatosensory system in children with autism spectrum disorder. <i>Brain Structure and Function</i> , 2014, 219, 1251-1261.	1.2	42
70	Preterm neonatal diffusion processing using detection and replacement of outliers prior to resampling. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 92-101.	1.9	41
71	Neuromagnetic correlates of intra- and extra-dimensional set-shifting. <i>Brain and Cognition</i> , 2014, 86, 90-97.	0.8	41
72	The Development of Face Recognition; Hippocampal and Frontal Lobe Contributions Determined with MEG. <i>Brain Topography</i> , 2011, 24, 261-270.	0.8	40

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73	Trajectories of brain system maturation from childhood to older adulthood: Implications for lifespan cognitive functioning. <i>NeuroImage</i> , 2017, 163, 125-149.	2.1	40
74	Brain responses differ to faces of mothers and fathers. <i>Brain and Cognition</i> , 2010, 74, 47-51.	0.8	39
75	Altered white matter development in children born very preterm. <i>Brain Structure and Function</i> , 2018, 223, 2129-2141.	1.2	39
76	Longitudinal Examination of Everyday Executive Functioning in Children With ASD: Relations With Social, Emotional, and Behavioral Functioning Over Time. <i>Frontiers in Psychology</i> , 2018, 9, 1774.	1.1	39
77	Detecting Mild Traumatic Brain Injury Using Resting State Magnetoencephalographic Connectivity. <i>PLoS Computational Biology</i> , 2016, 12, e1004914.	1.5	39
78	Coordinated Information Generation and Mental Flexibility: Large-Scale Network Disruption in Children with Autism. <i>Cerebral Cortex</i> , 2015, 25, 2815-2827.	1.6	38
79	Early neural activation during facial affect processing in adolescents with Autism Spectrum Disorder. <i>NeuroImage: Clinical</i> , 2015, 7, 203-212.	1.4	38
80	Theta, Mental Flexibility, and Post-Traumatic Stress Disorder: Connecting in the Parietal Cortex. <i>PLoS ONE</i> , 2015, 10, e0123541.	1.1	37
81	Development of ACC amygdala activations in processing unattended fear. <i>NeuroImage</i> , 2012, 60, 545-552.	2.1	36
82	Alterations in frontostriatal pathways in children born very preterm. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 952-958.	1.1	35
83	Developmental changes in neuromagnetic rhythms and network synchrony in autism. <i>Annals of Neurology</i> , 2017, 81, 199-211.	2.8	35
84	Alpha keeps it together: Alpha oscillatory synchrony underlies working memory maintenance in young children. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 114-123.	1.9	35
85	Spatiotemporal analysis of event-related potentials to upright, inverted, and contrast-reversed faces: Effects on encoding and recognition. <i>Psychophysiology</i> , 2004, 41, 643-653.	1.2	33
86	Deep Gray Matter Maturation in Very Preterm Neonates: Regional Variations and Pathology-related Age-dependent Changes in Magnetization Transfer Ratio. <i>Radiology</i> , 2012, 263, 510-517.	3.6	33
87	Reduced beta band connectivity during number estimation in autism. <i>NeuroImage: Clinical</i> , 2014, 6, 202-213.	1.4	32
88	Thinking about the thoughts of others; temporal and spatial neural activation during false belief reasoning. <i>NeuroImage</i> , 2016, 134, 320-327.	2.1	32
89	Reduced brain connectivity and mental flexibility in mild traumatic brain injury. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 124-131.	1.7	32
90	Cerebral maturation in the early preterm period: A magnetization transfer and diffusion tensor imaging study using voxel-based analysis. <i>NeuroImage</i> , 2015, 112, 30-42.	2.1	31

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91	Visual functional magnetic resonance imaging of preterm infants. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 724-729.	1.1	30
92	Delayed and disorganised brain activation detected with magnetoencephalography after mild traumatic brain injury. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 1008-1015.	0.9	30
93	Longitudinal Study of White Matter Development and Outcomes in Children Born Very Preterm. <i>Cerebral Cortex</i> , 2017, 27, 4094-4105.	1.6	30
94	Longitudinal Evoked Potential Studies in Hereditary Ataxias. <i>Canadian Journal of Neurological Sciences</i> , 1985, 12, 100-105.	0.3	28
95	Brain metabolite concentrations are associated with illness severity scores and white matter abnormalities in very preterm infants. <i>Pediatric Research</i> , 2013, 74, 75-81.	1.1	28
96	Recognising upright and inverted faces: MEG source localisation. <i>Brain Research</i> , 2011, 1381, 167-174.	1.1	27
97	Increased Functional Connectivity During Emotional Face Processing in Children With Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 408.	1.0	27
98	Spatial and spectral trajectories in typical neurodevelopment from childhood to middle age. <i>Network Neuroscience</i> , 2019, 3, 497-520.	1.4	27
99	Disconnection from others in autism is more than just a feeling: whole-brain neural synchrony in adults during implicit processing of emotional faces. <i>Molecular Autism</i> , 2017, 8, 7.	2.6	26
100	Load matters: neural correlates of verbal working memory in children with autism spectrum disorder. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 19.	1.5	26
101	Default Mode Network Oscillatory Coupling Is Increased Following Concussion. <i>Frontiers in Neurology</i> , 2018, 9, 280.	1.1	26
102	Young Adults with Autism Spectrum Disorder Show Early Atypical Neural Activity during Emotional Face Processing. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 57.	1.0	26
103	Altered myelin maturation in four year old children born very preterm. <i>NeuroImage: Clinical</i> , 2019, 21, 101635.	1.4	25
104	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. <i>Molecular Psychiatry</i> , 2022, 27, 2114-2125.	4.1	25
105	Associations of Perinatal Clinical and Magnetic Resonance Imaging Measures with Developmental Outcomes in Children Born Very Preterm. <i>Journal of Pediatrics</i> , 2016, 170, 90-96.	0.9	24
106	Concussion induces focal and widespread neuromorphological changes. <i>Neuroscience Letters</i> , 2017, 650, 52-59.	1.0	24
107	Brain biomarkers and pre-injury cognition are associated with long-term cognitive outcome in children with traumatic brain injury. <i>BMC Pediatrics</i> , 2017, 17, 173.	0.7	24
108	Sex/gender differences in the human autistic brains: A systematic review of 20 years of neuroimaging research. <i>NeuroImage: Clinical</i> , 2021, 32, 102811.	1.4	24

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109	Withholding response in the face of a smile: Age-related differences in prefrontal sensitivity to Nogo cues following happy and angry faces. <i>Developmental Cognitive Neuroscience</i> , 2012, 2, 340-350.	1.9	23
110	Is inhibitory control a "no-go" in adolescents with autism spectrum disorder?. <i>Molecular Autism</i> , 2014, 5, 6.	2.6	23
111	Characterising intra- and inter-intrinsic network synchrony in combat-related post-traumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 172-181.	0.9	23
112	Electrophysiological Investigation of the Auditory System in Friedreich's Ataxia. <i>Canadian Journal of Neurological Sciences</i> , 1982, 9, 131-135.	0.3	23
113	Thalamocortical connectivity is enhanced following functional hemispherotomy for intractable lateralized epilepsy. <i>Epilepsy and Behavior</i> , 2015, 51, 281-285.	0.9	22
114	Concussion Alters the Functional Brain Processes of Visual Attention and Working Memory. <i>Journal of Neurotrauma</i> , 2018, 35, 267-277.	1.7	20
115	Gaming-addicted teens identify more with their cyber-self than their own self: Neural evidence. <i>Psychiatry Research - Neuroimaging</i> , 2018, 279, 51-59.	0.9	20
116	Atypical language laterality is associated with large-scale disruption of network integration in children with intractable focal epilepsy. <i>Cortex</i> , 2015, 65, 83-88.	1.1	19
117	Neural correlates of "Theory of Mind" in very preterm born children. <i>Human Brain Mapping</i> , 2017, 38, 5577-5589.	1.9	19
118	Inhibition in the face of emotion: Characterization of the spatial-temporal dynamics that facilitate automatic emotion regulation. <i>Human Brain Mapping</i> , 2018, 39, 2907-2916.	1.9	19
119	Do you know what I'm thinking? Temporal and spatial brain activity during a theory-of-mind task in children with autism. <i>Developmental Cognitive Neuroscience</i> , 2018, 34, 139-147.	1.9	19
120	Spatiotemporal analysis of feedback processing during a card sorting task using spatially filtered MEG. <i>Neuroscience Letters</i> , 2006, 410, 31-36.	1.0	18
121	Face processing in adolescents with and without epilepsy. <i>International Journal of Psychophysiology</i> , 2008, 68, 94-103.	0.5	18
122	Letter and Colour Matching Tasks: Parametric Measures of Developmental Working Memory Capacity. <i>Child Development Research</i> , 2014, 2014, 1-9.	1.8	18
123	Parallel and serial attentional processes in ADHD: ERP evidence. <i>Developmental Neuropsychology</i> , 1997, 13, 531-539.	1.0	17
124	The temporal and spatial brain dynamics of automatic emotion regulation in children. <i>Developmental Cognitive Neuroscience</i> , 2017, 26, 62-68.	1.9	16
125	Enhanced Early Visual Responses During Implicit Emotional Faces Processing in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 871-886.	1.7	16
126	Disconnected neuromagnetic networks in children born very preterm. <i>NeuroImage: Clinical</i> , 2015, 9, 376-384.	1.4	15

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127	Diffusion tensor imaging-based assessment of white matter tracts and visual-motor outcomes in very preterm neonates. <i>Neuroradiology</i> , 2016, 58, 301-310.	1.1	15
128	Mental flexibility: An MEG investigation in typically developing children. <i>Brain and Cognition</i> , 2018, 120, 58-66.	0.8	15
129	The developing relations between networks of cortical myelin and neurophysiological connectivity. <i>NeuroImage</i> , 2021, 237, 118142.	2.1	15
130	Visual function in preterm infants: visualizing the brain to improve prognosis. <i>Documenta Ophthalmologica</i> , 2013, 127, 41-55.	1.0	14
131	Neuromagnetic Vistas into Typical and Atypical Development of Frontal Lobe Functions. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 453.	1.0	14
132	Threatening faces induce fear circuitry hypersynchrony in soldiers with post-traumatic stress disorder. <i>Heliyon</i> , 2016, 2, e00063.	1.4	14
133	Post-traumatic stress disorder and chronic hyperconnectivity in emotional processing. <i>NeuroImage: Clinical</i> , 2018, 20, 197-204.	1.4	14
134	Mapping the neuroanatomical impact of very preterm birth across childhood. <i>Human Brain Mapping</i> , 2020, 41, 892-905.	1.9	14
135	Beyond diagnosis: Cross-diagnostic features in canonical resting-state networks in children with neurodevelopmental disorders. <i>NeuroImage: Clinical</i> , 2020, 28, 102476.	1.4	14
136	The preterm social brain: altered functional networks for Theory of Mind in very preterm children. <i>Brain Communications</i> , 2021, 3, fcaa237.	1.5	14
137	Examining the Boundary Sharpness Coefficient as an Index of Cortical Microstructure in Autism Spectrum Disorder. <i>Cerebral Cortex</i> , 2021, 31, 3338-3352.	1.6	14
138	Cortical Gyrfication Morphology in Individuals with ASD and ADHD across the Lifespan: A Systematic Review and Meta-Analysis. <i>Cerebral Cortex</i> , 2021, 31, 2653-2669.	1.6	14
139	Electrophysiological Studies in Five Cases of Abetalipoproteinemia. <i>Canadian Journal of Neurological Sciences</i> , 1984, 11, 60-63.	0.3	13
140	Functional dissociations in prefrontalâ€“hippocampal working memory systems. <i>Cortex</i> , 2013, 49, 961-967.	1.1	13
141	Longitudinal cerebellar growth following very preterm birth. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 1462-1473.	1.9	13
142	Characterization of Autism Spectrum Disorder across the Age Span by Intrinsic Network Patterns. <i>Brain Topography</i> , 2019, 32, 461-471.	0.8	13
143	Happy and Angry Faces Elicit Atypical Neural Activation in Children With Autism Spectrum Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 1021-1030.	1.1	13
144	Emotional face processing in autism spectrum disorder: Effects in gamma connectivity. <i>Biological Psychology</i> , 2020, 149, 107774.	1.1	13

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145	Emotional face processing across neurodevelopmental disorders: a dynamic faces study in children with autism spectrum disorder, attention deficit hyperactivity disorder and obsessive-compulsive disorder. <i>Translational Psychiatry</i> , 2020, 10, 375.	2.4	13
146	Atypical development of emotional face processing networks in autism spectrum disorder from childhood through to adulthood. <i>Developmental Cognitive Neuroscience</i> , 2021, 51, 101003.	1.9	13
147	The neural correlates of attachment security in typically developing children. <i>Brain and Cognition</i> , 2018, 124, 47-56.	0.8	12
148	Functional changes during visuo-spatial working memory in autism spectrum disorder: 2-year longitudinal functional magnetic resonance imaging study. <i>Autism</i> , 2019, 23, 639-652.	2.4	12
149	Sex-Based Differences in Cortical and Subcortical Development in 436 Individuals Aged 4-54 Years. <i>Cerebral Cortex</i> , 2020, 30, 2854-2866.	1.6	12
150	Optimized T1- and T2-weighted volumetric brain imaging as a diagnostic tool in very preterm neonates. <i>Pediatric Radiology</i> , 2011, 41, 702-710.	1.1	11
151	A Developmental Framework of Brain and Cognition from Infancy to Old Age. <i>Brain Topography</i> , 2011, 24, 183-186.	0.8	10
152	Converging function, structure, and behavioural features of emotion regulation in very preterm children. <i>Human Brain Mapping</i> , 2019, 40, 3385-3397.	1.9	10
153	Alpha connectivity and inhibitory control in adults with autism spectrum disorder. <i>Molecular Autism</i> , 2020, 11, 95.	2.6	10
154	Characterizing Inscapes and resting-state in MEG: Effects in typical and atypical development. <i>NeuroImage</i> , 2021, 225, 117524.	2.1	10
155	Temporal-Spatial Neural Activation Patterns Linked to Perceptual Encoding of Emotional Salience. <i>PLoS ONE</i> , 2014, 9, e93753.	1.1	10
156	Neurophysiological measures of reading difficulty in very-low-birthweight children. <i>Psychophysiology</i> , 1999, 36, 76-85.	1.2	9
157	Mapping the Network of Neuropsychological Impairment in Children with Autism Spectrum Disorder: A Graph Theoretical Analysis. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 3770-3777.	1.7	9
158	Emerging atypical connectivity networks for processing angry and fearful faces in very preterm born children. <i>Human Brain Mapping</i> , 2020, 41, 3794-3806.	1.9	9
159	Early nutrition and white matter microstructure in children born very low birth weight. <i>Brain Communications</i> , 2021, 3, fcab066.	1.5	9
160	Cross-Diagnosis Structural Correlates of Autistic-Like Social Communication Differences. <i>Cerebral Cortex</i> , 2021, 31, 5067-5076.	1.6	9
161	Parallel and serial attentional processes: A developmental ERP study. <i>Developmental Neuropsychology</i> , 1999, 15, 351-358.	1.0	8
162	Maternal Postsecondary Education Associated With Improved Cerebellar Growth After Preterm Birth. <i>Journal of Child Neurology</i> , 2015, 30, 1633-1639.	0.7	8

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163	Optimization of fMRI methods to determine laterality of cortical activation during ankle movements of children with unilateral cerebral palsy. <i>International Journal of Developmental Neuroscience</i> , 2018, 66, 54-62.	0.7	8
164	Language Network Function in Young Children Born Very Preterm. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 512.	1.0	8
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