Gregory L Wallace

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sexual dimorphism of brain developmental trajectories during childhood and adolescence. NeuroImage, 2007, 36, 1065-1073.	4.2	1,121
2	Facial Emotion Recognition in Autism Spectrum Disorders: A Review of Behavioral and Neuroimaging Studies. Neuropsychology Review, 2010, 20, 290-322.	4.9	781
3	How Does Your Cortex Grow?. Journal of Neuroscience, 2011, 31, 7174-7177.	3.6	613
4	Understanding Executive Control in Autism Spectrum Disorders in the Lab and in the Real World. Neuropsychology Review, 2008, 18, 320-338.	4.9	380
5	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. American Journal of Psychiatry, 2018, 175, 359-369.	7.2	356
6	Two distinct forms of functional lateralization in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3435-44.	7.1	315
7	Fractionation of social brain circuits in autism spectrum disorders. Brain, 2012, 135, 2711-2725.	7.6	314
8	Patterns of Coordinated Anatomical Change in Human Cortical Development: A Longitudinal Neuroimaging Study of Maturational Coupling. Neuron, 2011, 72, 873-884.	8.1	286
9	Differences in genetic and environmental influences on the human cerebral cortex associated with development during childhood and adolescence. Human Brain Mapping, 2009, 30, 163-174.	3.6	284
10	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. Frontiers in Human Neuroscience, 2013, 7, 356.	2.0	260
11	Puberty-related influences on brain development. Molecular and Cellular Endocrinology, 2006, 254-255, 154-162.	3.2	252
12	Anatomical Brain Magnetic Resonance Imaging of Typically Developing Children and Adolescents. Journal of the American Academy of Child and Adolescent Psychiatry, 2009, 48, 465-470.	0.5	249
13	Depression and anxiety symptoms in children and adolescents with autism spectrum disorders without intellectual disability. Research in Autism Spectrum Disorders, 2012, 6, 406-412.	1.5	242
14	Impairments in real-world executive function increase from childhood to adolescence in autism spectrum disorders Neuropsychology, 2013, 27, 13-18.	1.3	233
15	Randomized controlled effectiveness trial of executive function intervention for children on the autism spectrum. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2014, 55, 374-383.	5.2	230
16	Age-related temporal and parietal cortical thinning in autism spectrum disorders. Brain, 2010, 133, 3745-3754.	7.6	229
17	Attention deficit/hyperactivity disorder symptoms moderate cognition and behavior in children with autism spectrum disorders. Autism Research, 2009, 2, 322-333.	3.8	219
18	Increasing Adaptive Behavior Skill Deficits From Childhood to Adolescence in Autism Spectrum Disorder: Role of Executive Function. Journal of Autism and Developmental Disorders, 2015, 45, 1579-1587.	2.7	200

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19	Real-World Executive Functions in Adults with Autism Spectrum Disorder: Profiles of Impairment and Associations with Adaptive Functioning and Co-morbid Anxiety and Depression. Journal of Autism and Developmental Disorders, 2016, 46, 1071-1083.	2.7	196
20	What About the Girls? Sex-Based Differences in Autistic Traits and Adaptive Skills. Journal of Autism and Developmental Disorders, 2018, 48, 1698-1711.	2.7	191
21	Cortical Thickness, Surface Area, and Gyrification Abnormalities in Children Exposed to Maltreatment: Neural Markers of Vulnerability?. Biological Psychiatry, 2013, 74, 845-852.	1.3	184
22	Increased Gender Variance in Autism Spectrum Disorders and Attention Deficit Hyperactivity Disorder. Archives of Sexual Behavior, 2014, 43, 1525-1533.	1.9	172
23	Identification of Genetically Mediated Cortical Networks: A Multivariate Study of Pediatric Twins and Siblings. Cerebral Cortex, 2008, 18, 1737-1747.	2.9	170
24	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. Nature Communications, 2019, 10, 4958.	12.8	167
25	WISC-IV Profile in High-Functioning Autism Spectrum Disorders: Impaired Processing Speed is Associated with Increased Autism Communication Symptoms and Decreased Adaptive Communication Abilities. Journal of Autism and Developmental Disorders, 2012, 42, 655-664.	2.7	164
26	Set-shifting in children with autism spectrum disorders. Autism, 2009, 13, 523-538.	4.1	159
27	Longitudinal Examination of Adaptive Behavior in Autism Spectrum Disorders: Influence of Executive Function. Journal of Autism and Developmental Disorders, 2016, 46, 467-477.	2.7	154
28	Adaptive Behavior Ratings Correlate With Symptomatology and IQ Among Individuals With High-Functioning Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2010, 40, 416-423.	2.7	145
29	A pediatric twin study of brain morphometry. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2006, 47, 987-993.	5.2	140
30	Are Executive Control Functions Related to Autism Symptoms in High-Functioning Children?. Child Neuropsychology, 2009, 15, 425-440.	1.3	132
31	XXY (Klinefelter Syndrome): A Pediatric Quantitative Brain Magnetic Resonance Imaging Case-Control Study. Pediatrics, 2007, 119, e232-e240.	2.1	130
32	Increased gyrification, but comparable surface area in adolescents with autism spectrum disorders. Brain, 2013, 136, 1956-1967.	7.6	129
33	Enhanced perceptual processing of speech in autism. Developmental Science, 2008, 11, 109-121.	2.4	123
34	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
35	Behavior Problems and Social Skills in Preschool Children: Parent-Teacher Agreement and Relations with Classroom Observations. Early Education and Development, 2002, 13, 41-58.	2.6	117
36	Everyday executive function impairments predict comorbid psychopathology in autism spectrum and attention deficit hyperactivity disorders Neuropsychology, 2015, 29, 445-453.	1.3	116

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37	Compared to What? Early Brain Overgrowth in Autism and the Perils of Population Norms. Biological Psychiatry, 2013, 74, 563-575.	1.3	107
38	Cortical and Subcortical Abnormalities in Youths With Conduct Disorder and Elevated Callous-Unemotional Traits. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 456-465.e1.	0.5	107
39	The Gap Between Adaptive Behavior and Intelligence in Autism Persists into Young Adulthood and is Linked to Psychiatric Co-morbidities. Journal of Autism and Developmental Disorders, 2017, 47, 3007-3017.	2.7	103
40	Clobal motion perception deficits in autism are reflected as early as primary visual cortex. Brain, 2014, 137, 2588-2599.	7.6	101
41	Annotation: The savant syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2004, 45, 899-911.	5.2	100
42	Diminished Sensitivity to Sad Facial Expressions in High Functioning Autism Spectrum Disorders is Associated with Symptomatology and Adaptive Functioning. Journal of Autism and Developmental Disorders, 2011, 41, 1475-1486.	2.7	98
43	Anatomic Magnetic Resonance Imaging of the Developing Child and Adolescent Brain and Effects of Genetic Variation. Neuropsychology Review, 2010, 20, 349-361.	4.9	96
44	Transgender Youth Fertility Attitudes Questionnaire: Measure Development in Nonautistic and Autistic Transgender Youth and Their Parents. Journal of Adolescent Health, 2018, 62, 128-135.	2.5	95
45	Resting-state functional connectivity predicts longitudinal change in autistic traits and adaptive functioning in autism. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6699-706.	7.1	94
46	Brief Report: IQ Split Predicts Social Symptoms and Communication Abilities in High-Functioning Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2009, 39, 1613-1619.	2.7	84
47	Disorganization: The Forgotten Executive Dysfunction in High-Functioning Autism (HFA) Spectrum Disorders. Developmental Neuropsychology, 2005, 28, 809-827.	1.4	82
48	A preliminary study of self-reported food selectivity in adolescents and young adults with autism spectrum disorder. Research in Autism Spectrum Disorders, 2015, 15-16, 53-59.	1.5	78
49	Interests in high-functioning autism are more intense, interfering, and idiosyncratic than those in neurotypical development. Development and Psychopathology, 2013, 25, 643-652.	2.3	74
50	Globally Divergent but Locally Convergent X- and Y-Chromosome Influences on Cortical Development. Cerebral Cortex, 2016, 26, 70-79.	2.9	71
51	Characterizing the Factor Structure of Parent Reported Executive Function in Autism Spectrum Disorders: The Impact of Cognitive Inflexibility. Journal of Autism and Developmental Disorders, 2014, 44, 3056-3062.	2.7	70
52	Sex differences in parentâ€reported executive functioning and adaptive behavior in children and young adults with autism spectrum disorder. Autism Research, 2017, 10, 1653-1662.	3.8	69
53	Longitudinal Cortical Development During Adolescence and Young Adulthood in Autism Spectrum Disorder: Increased Cortical Thinning but Comparable Surface Area Changes. Journal of the American Academy of Child and Adolescent Psychiatry, 2015, 54, 464-469.	0.5	68
54	A multivariate analysis of neuroanatomic relationships in a genetically informative pediatric sample. NeuroImage, 2007, 35, 70-82.	4.2	63

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55	Distinct Cortical Correlates of Autistic versus Antisocial Traits in a Longitudinal Sample of Typically Developing Youth. Journal of Neuroscience, 2012, 32, 4856-4860.	3.6	61
56	Brief Report: Further Evidence for Inner Speech Deficits in Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2009, 39, 1735-1739.	2.7	59
57	Variance decomposition of MRI-based covariance maps using genetically informative samples and structural equation modeling. NeuroImage, 2009, 47, 56-64.	4.2	58
58	Dosage effects of X and Y chromosomes on language and social functioning in children with supernumerary sex chromosome aneuploidies: implications for idiopathic language impairment and autism spectrum disorders. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2012, 53, 1072-1081.	5.2	58
59	Rigidity and Sensory Sensitivity: Independent Contributions to Selective Eating in Children, Adolescents, and Young Adults. Journal of Clinical Child and Adolescent Psychology, 2022, 51, 675-687.	3.4	57
60	Time perception in autism spectrum disorders. Research in Autism Spectrum Disorders, 2008, 2, 447-455.	1.5	55
61	Sex Differences in Resting-State Functional Connectivity of the Cerebellum in Autism Spectrum Disorder. Frontiers in Human Neuroscience, 2019, 13, 104.	2.0	50
62	Replication and Comparison of the Newly Proposed ADOS-2, Module 4 Algorithm in ASD Without ID: A Multi-site Study. Journal of Autism and Developmental Disorders, 2015, 45, 3919-3931.	2.7	49
63	Brief Report: Information Processing Speed is Intact in Autism but not Correlated with Measured Intelligence. Journal of Autism and Developmental Disorders, 2009, 39, 809-814.	2.7	47
64	Social Perception in Autism Spectrum Disorders: Impaired Category Selectivity for Dynamic but not Static Images in Ventral Temporal Cortex. Cerebral Cortex, 2014, 24, 37-48.	2.9	46
65	Brain-based sex differences in autism spectrum disorder across the lifespan: A systematic review of structural MRI, fMRI, and DTI findings. NeuroImage: Clinical, 2021, 31, 102719.	2.7	46
66	Relationship between special abilities and autisticâ€like traits in a large populationâ€based sample of 8â€yearâ€olds. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2009, 50, 1093-1101.	5.2	44
67	Connectivity and the corpus callosum in autism spectrum conditions. Progress in Brain Research, 2011, 189, 303-317.	1.4	44
68	Characteristic cortical thickness patterns in adolescents with autism spectrum disorders: Interactions with age and intellectual ability revealed by canonical correlation analysis. NeuroImage, 2012, 60, 1890-1901.	4.2	41
69	Autism spectrum disorder and food neophobia: clinical and subclinical links. American Journal of Clinical Nutrition, 2018, 108, 701-707.	4.7	41
70	Executive Function in Young Males with Klinefelter (XXY) Syndrome with and without Comorbid Attention-Deficit/Hyperactivity Disorder. Journal of the International Neuropsychological Society, 2011, 17, 522-530.	1.8	40
71	A case study of a multiply talented savant with an autism spectrum disorder: neuropsychological functioning and brain morphometry. Philosophical Transactions of the Royal Society B: Biological Sciences, 2009, 364, 1425-1432.	4.0	38
72	Aging and autism spectrum disorder: Evidence from the broad autism phenotype. Autism Research, 2016, 9, 1294-1303.	3.8	38

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73	The Flexibility Scale: Development and Preliminary Validation of a Cognitive Flexibility Measure in Children with Autism Spectrum Disorders. Journal of Autism and Developmental Disorders, 2017, 47, 2502-2518.	2.7	38
74	Revisiting the Link: Evidence of the Rates of Autism in Studies of Gender Diverse Individuals. Journal of the American Academy of Child and Adolescent Psychiatry, 2018, 57, 885-887.	0.5	38
75	Impaired Visual Scanning and Memory for Faces in High-Functioning Autism Spectrum Disorders: It's Not Just the Eyes. Journal of the International Neuropsychological Society, 2011, 17, 1021-1029.	1.8	36
76	Autism Risk Gene <i><scp>MET</scp></i> Variation and Cortical Thickness in Typically Developing Children and Adolescents. Autism Research, 2012, 5, 434-439.	3.8	35
77	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. Brain, 2019, 142, 808-822.	7.6	35
78	Effects of the Val158Met catechol-O-methyltransferase polymorphism on cortical structure in children and adolescents. Molecular Psychiatry, 2009, 14, 348-349.	7.9	34
79	A Twin Study of Intracerebral Volumetric Relationships. Behavior Genetics, 2010, 40, 114-124.	2.1	33
80	Neuroimaging-Based Phenotyping of the Autism Spectrum. Current Topics in Behavioral Neurosciences, 2016, 30, 341-355.	1.7	33
81	Camouflaging in autism spectrum disorder: Examining the roles of sex, gender identity, and diagnostic timing. Autism, 2022, 26, 552-559.	4.1	32
82	Insistence on sameness relates to increased covariance of gray matter structure in autism spectrum disorder. Molecular Autism, 2015, 6, 54.	4.9	31
83	Assessment and Treatment of Executive Function Impairments in Autism Spectrum Disorder. International Review of Research in Developmental Disabilities, 2016, , 85-122.	0.8	31
84	A Bivariate Twin Study of Regional Brain Volumes and Verbal and Nonverbal Intellectual Skills During Childhood and Adolescence. Behavior Genetics, 2010, 40, 125-134.	2.1	30
85	A Comprehensive Quantitative Genetic Analysis of Cerebral Surface Area in Youth. Journal of Neuroscience, 2019, 39, 3028-3040.	3.6	30
86	Adaptive Behavior in Youth with Autism Spectrum Disorder: The Role of Flexibility. Journal of Autism and Developmental Disorders, 2020, 50, 42-50.	2.7	29
87	Motor demands impact speed of information processing in autism spectrum disorders Neuropsychology, 2013, 27, 529-536.	1.3	28
88	A case ontrol study of brain structure and behavioral characteristics in 47, <scp>XXX</scp> syndrome. Genes, Brain and Behavior, 2014, 13, 841-849.	2.2	28
89	Effects of Hormones and Sex Chromosomes on Stressâ€Influenced Regions of the Developing Pediatric Brain. Annals of the New York Academy of Sciences, 2004, 1032, 231-233.	3.8	27
90	Separate components of emotional go/no-go performance relate to autism versus attention symptoms in children with autism Neuropsychology, 2013, 27, 537-545.	1.3	27

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91	Anatomical coupling among distributed cortical regions in youth varies as a function of individual differences in vocabulary abilities. Human Brain Mapping, 2014, 35, 1885-1895.	3.6	26
92	Early language milestones predict later language, but not autism symptoms in higher functioning children with autism spectrum disorders. Research in Autism Spectrum Disorders, 2012, 6, 1194-1202.	1.5	25
93	Aberrant neural mediation of verbal fluency in autism spectrum disorders. Brain and Cognition, 2013, 83, 218-226.	1.8	25
94	Mapping the Stability of Human Brain Asymmetry across Five Sex-Chromosome Aneuploidies. Journal of Neuroscience, 2015, 35, 140-145.	3.6	25
95	Subtly altered topological asymmetry of brain structural covariance networks in autism spectrum disorder across 43 datasets from the ENIGMA consortium. Molecular Psychiatry, 2022, 27, 2114-2125.	7.9	25
96	Do social attribution skills improve with age in children with high functioning autism spectrum disorders?. Research in Autism Spectrum Disorders, 2013, 7, 9-16.	1.5	24
97	The gap between IQ and adaptive functioning in autism spectrum disorder: Disentangling diagnostic and sex differences. Autism, 2021, 25, 1565-1579.	4.1	23
98	Islands of Genius. Scientific American, 2002, 286, 76-85.	1.0	22
99	Trail making test performance in youth varies as a function of anatomical coupling between the prefrontal cortex and distributed cortical regions. Frontiers in Psychology, 2014, 5, 496.	2.1	22
100	Consensus Parameter: Research Methodologies to Evaluate Neurodevelopmental Effects of Pubertal Suppression in Transgender Youth. Transgender Health, 2020, 5, 246-257.	2.5	22
101	Are there differences in brain morphometry between twins and unrelated singletons? A pediatric MRI study. Genes, Brain and Behavior, 2010, 9, 288-295.	2.2	20
102	Neuropsychological Studies of Savant Skills: Can They Inform the Neuroscience of Giftedness?. Roeper Review, 2008, 30, 229-246.	0.8	19
103	Impaired Consonant Trigrams Test (CTT) performance relates to everyday working memory difficulties in children with Autism Spectrum Disorders. Child Neuropsychology, 2011, 17, 391-399.	1.3	19
104	The neural architecture of expert calendar calculation: A matter of strategy?. Neurocase, 2011, 17, 360-371.	0.6	19
105	Verbal Thinking and Inner Speech Use in Autism Spectrum Disorder. Neuropsychology Review, 2016, 26, 394-419.	4.9	18
106	Neural correlates of taste reactivity in autism spectrum disorder. Neurolmage: Clinical, 2018, 19, 38-46.	2.7	18
107	Increased emotional eating behaviors in children with autism: Sex differences and links with dietary variety. Autism, 2021, 25, 603-612.	4.1	17
108	Divergence of Age-Related Differences in Social-Communication: Improvements for Typically Developing Youth but Declines for Youth with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 472-479.	2.7	13

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109	Aging with elevated autistic traits: Cognitive functioning among older adults with the broad autism phenotype. Research in Autism Spectrum Disorders, 2018, 54, 27-36.	1.5	12
110	Adding the missing voice: How self-report of autistic youth self-report on an executive functioning rating scale compares to parent report and that of youth with attention deficit hyperactivity disorder or neurotypical development. Autism, 2022, 26, 422-433.	4.1	12
111	Increased perceived stress is negatively associated with activities of daily living and subjective quality of life in younger, middle, and older autistic adults. Autism Research, 2022, 15, 1535-1549.	3.8	12
112	Interfering With Inner Speech Selectively Disrupts Problem Solving and Is Linked With Real-World Executive Functioning. Journal of Speech, Language, and Hearing Research, 2017, 60, 3456-3460.	1.6	11
113	Aberrant Oscillatory Synchrony Is Biased Toward Specific Frequencies and Processing Domains in the Autistic Brain. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 245-252.	1.5	11
114	Theory of mind performance in younger and older adults with elevated autistic traits. Autism Research, 2020, 13, 751-762.	3.8	11
115	Subclinical eating disorder traits are correlated with cortical thickness in regions associated with food reward and perception. Brain Imaging and Behavior, 2020, 14, 346-352.	2.1	10
116	Cortical thickness in childhood left focal epilepsy: Thinning beyond the seizure focus. Epilepsy and Behavior, 2020, 102, 106825.	1.7	10
117	Self-reported parkinsonism features in older autistic adults: A descriptive study. Autism, 2022, 26, 217-229.	4.1	10
118	Head size and autism. Lancet, The, 2004, 363, 1003-1004.	13.7	8
119	Brief Report: Performance-Based Executive Functioning Abilities are Associated with Caregiver Report of Adaptive Functioning in Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2020, 50, 4541-4547.	2.7	6
120	The Combination of Food Approach and Food Avoidant Behaviors in Children with Autism Spectrum Disorder: "Selective Overeating― Journal of Autism and Developmental Disorders, 2022, 52, 987-994.	2.7	6
121	Anatomic magnetic resonance imaging of the developing child and adolescent brain , 2012, , 15-35.		6
122	Variegation of autism related traits across seven neurogenetic disorders. Translational Psychiatry, 2022, 12, 149.	4.8	5
123	Phonemic and Semantic Verbal Fluency in Sex Chromosome Aneuploidy: Contrasting the Effects of Supernumerary X <i>versus</i> Y Chromosomes on Performance. Journal of the International Neuropsychological Society, 2018, 24, 917-927.	1.8	4
124	Parent-child concordance on the Pubertal Development Scale in typically developing and autistic youth. Research in Autism Spectrum Disorders, 2020, 77, 101610.	1.5	4
125	Editorial: Taking the Next Step Towards Validating Social Processes From the Research Domain Criteria. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 1212-1214.	0.5	3
126	Dissociations in the neural substrates of language and social functioning in autism spectrum disorder. Autism Research, 2018, 11, 1175-1186.	3.8	2

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#	Article	IF	CITATIONS
127	Islands of genius. Artistic brilliance and a dazzling memory can sometimes accompany autism and other developmental disorders. Scientific American, 2002, 286, 76-85.	1.0	2
128	Savant Syndrome. , 2012, , 281-285.		1
129	A comparison of activity patterns for captivePropithecus tattersalliandPropithecus coquereli. Zoo Biology, 2016, 35, 128-136.	1.2	1
130	Iconic Systems. , 2013, , 1543-1543.		0
131	Information Processing Speed. , 2021, , 2479-2479.		0