Tony J Simon

List of Publications by Year
in descending order

85 papers	5,668 citations	70961 41 h-index	82410 72 g-index
85 all docs	85 docs citations	85 times ranked	5913 citing authors

#	Article	IF	Citations
1	Effects of copy number variations on brain structure and risk for psychiatric illness: Largeâ€scale studies from the<scp>ENIGMA</scp>working groups on<scp>CNVs</scp>. Human Brain Mapping, 2022, 43, 300-328.	1.9	30
2	Prioritizing Genetic Contributors to Cortical Alterations in 22q11.2 Deletion Syndrome Using Imaging Transcriptomics. Cerebral Cortex, 2021, 31, 3285-3298.	1.6	10
3	Genetic contributors to risk of schizophrenia in the presence of a 22q11.2 deletion. Molecular Psychiatry, 2021, 26, 4496-4510.	4.1	87
4	Large-scale mapping of cortical alterations in 22q11.2 deletion syndrome: Convergence with idiopathic psychosis and effects of deletion size. Molecular Psychiatry, 2020, 25, 1822-1834.	4.1	122
5	Altered white matter microstructure in 22q11.2 deletion syndrome: a multisite diffusion tensor imaging study. Molecular Psychiatry, 2020, 25, 2818-2831.	4.1	50
6	Complete Sequence of the 22q11.2 Allele in 1,053 Subjects with 22q11.2 Deletion Syndrome Reveals Modifiers of Conotruncal Heart Defects. American Journal of Human Genetics, 2020, 106, 26-40.	2.6	42
7	Using common genetic variation to examine phenotypic expression and risk prediction in 22q11.2 deletion syndrome. Nature Medicine, 2020, 26, 1912-1918.	15.2	90
8	Mapping Subcortical Brain Alterations in 22q11.2 Deletion Syndrome: Effects of Deletion Size and Convergence With Idiopathic Neuropsychiatric Illness. American Journal of Psychiatry, 2020, 177, 589-600.	4.0	55
9	Neural and behavioral measures suggest that cognitive and affective functioning interactions mediate risk for psychosisâ€proneness symptoms in youth with chromosome 22q11.2 deletion syndrome. American Journal of Medical Genetics, Part A, 2020, 182, 1615-1630.	0.7	5
10	Interrelationship Between Cognitive Control, Anxiety, and Restricted and Repetitive Behaviors in Children with 22q11.2 Deletion Syndrome. Autism Research, 2019, 12, 1737-1744.	2.1	9
11	Bullying and psychosis: The impact of chronic traumatic stress on psychosis risk in 22q11.2 deletion syndrome - a uniquely vulnerable population. Journal of Psychiatric Research, 2019, 114, 99-104.	1.5	19
12	Quantifying the resolution of spatial and temporal representation in children with 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2019, 11, 40.	1.5	2
13	Seeing Eye to Eye With Threat: Atypical Threat Bias in Children With 22q11.2 Deletion Syndrome. American Journal on Intellectual and Developmental Disabilities, 2019, 124, 549-567.	0.8	2
14	Baseline connectome modular abnormalities in the childhood phase of a longitudinal study on individuals with chromosome 22q11.2 deletion syndrome. Human Brain Mapping, 2018, 39, 232-248.	1.9	11
15	A higher rare CNV burden in the genetic background potentially contributes to intellectual disability phenotypes in 22q11.2 deletion syndrome. European Journal of Medical Genetics, 2018, 61, 209-212.	0.7	17
16	Assessment of the Prodromal Questionnaireâ€“Brief Child Version for Measurement of Self-reported Psychoticlike Experiences in Childhood. JAMA Psychiatry, 2018, 75, 853.	6.0	113
17	Alternative diffusion anisotropy measures for the investigation of white matter alterations in 22q11.2 deletion syndrome. , 2018, , .		3
18	Subthreshold Psychosis in 22q11.2 Deletion Syndrome: Multisite Naturalistic Study. Schizophrenia Bulletin, 2017, 43, 1079-1089.	2.3	47

#	Article	IF	Citations
19	Abnormal trajectories in cerebellum and brainstem volumes in carriers of the fragile X premutation. Neurobiology of Aging, 2017, 55, 11-19.	1.5	46
20	Genome-Wide Association Study to Find Modifiers for Tetralogy of Fallot in the 22q11.2 Deletion Syndrome Identifies Variants in the GPR98 Locus on 5q14.3. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	22
21	Rare copy number variants and congenital heart defects in the 22q11.2 deletion syndrome. Human Genetics, 2016, 135, 273-285.	1.8	43
22	The hippocampi of children with chromosome 22q11.2 deletion syndrome have localized anterior alterations that predict severity of anxiety. Journal of Psychiatry and Neuroscience, 2016, 41, 203-213.	1.4	9
23	Temporal dynamics of attentional selection in adult male carriers of the fragile X premutation allele and adult controls. Frontiers in Human Neuroscience, 2015, 9, 37.	1.0	4
24	Cognitive Decline Preceding the Onset of Psychosis in Patients With 22q11.2 Deletion Syndrome. JAMA Psychiatry, 2015, 72, 377.	6.0	196
25	Mitochondrial Citrate Transporter-dependent Metabolic Signature in the 22q11.2 Deletion Syndrome. Journal of Biological Chemistry, 2015, 290, 23240-23253.	1.6	56
26	Disrupted fornix integrity in children with chromosome 22q11.2 deletion syndrome. Psychiatry Research - Neuroimaging, 2015, 232, 106-114.	0.9	14
27	Copy-Number Variation of the Glucose Transporter Gene SLC2A3 and Congenital Heart Defects in the 22q11.2 Deletion Syndrome. American Journal of Human Genetics, 2015, 96, 753-764.	2.6	62
28	Identifying patterns of anxiety and depression in children with chromosome 22q11.2 deletion syndrome: Comorbidity predicts behavioral difficulties and impaired functional communications. Behavioural Brain Research, 2015, 276, 190-198.	1.2	27
29	The development of cognitive control in children with chromosome 22q11.2 deletion syndrome. Frontiers in Psychology, 2014, 5, 566.	1.1	39
30	Psychiatric Disorders From Childhood to Adulthood in 22q11.2 Deletion Syndrome: Results From the International Consortium on Brain and Behavior in 22q11.2 Deletion Syndrome. American Journal of Psychiatry, 2014, 171, 627-639.	4.0	645
31	A cross-sectional analysis of orienting of visuospatial attention in child and adult carriers of the fragile X premutation. Journal of Neurodevelopmental Disorders, 2014, 6, 45.	1.5	0
32	Common and specific impairments in attention functioning in girls with chromosome 22q11.2 deletion, fragile X or Turner syndromes. Journal of Neurodevelopmental Disorders, 2014, 6, 5.	1.5	15
33	Children With Chromosome 22q11.2 Deletion Syndrome Exhibit Impaired Spatial Working Memory. American Journal on Intellectual and Developmental Disabilities, 2014, 119, 115-132.	0.8	22
34	Social Impairments in Chromosome 22q11.2 Deletion Syndrome (22q11.2DS): Autism Spectrum Disorder or a Different Endophenotype?. Journal of Autism and Developmental Disorders, 2014, 44, 739-746.	1.7	69
35	Altered neural activity in the â€˜whenâ€™ pathway during temporal processing in fragile X premutation carriers. Behavioural Brain Research, 2014, 261, 240-248.	1.2	13
36	Eye movements reveal impaired inhibitory control in adult male fragile X premutation carriers asymptomatic for FXTAS.. Neuropsychology, 2014, 28, 571-584.	1.0	14

#	Article	IF	Citations
37	Decreased DGCR8 Expression and miRNA Dysregulation in Individuals with 22q11.2 Deletion Syndrome. PLoS ONE, 2014, 9, e103884.	1.1	64
38	White matter microstructural abnormalities in girls with chromosome 22q11.2 deletion syndrome, Fragile X or Turner syndrome as evidenced by diffusion tensor imaging. NeuroImage, 2013, 81, 441-454.	2.1	50
39	A Cross-Sectional Analysis of the Development of Response Inhibition in Children with Chromosome 22q11.2 Deletion Syndrome. Frontiers in Psychiatry, 2013, 4, 81.	1.3	22
40	An Examination of the Relationship of Anxiety and Intelligence to Adaptive Functioning in Children with Chromosome 22q11.2 Deletion Syndrome. Journal of Developmental and Behavioral Pediatrics, 2012, 33, 713-720.	0.6	61
41	A cross-sectional study of the development of volitional control of spatial attention in children with chromosome 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2012, 4, 5.	1.5	17
42	Impaired multiple object tracking in children with chromosome 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2012, 4, 6.	1.5	17
43	A second look: No effect of the COMT Val158Met polymorphism on conflict adaptation in youth with chromosome 22q11.2 deletion syndrome. Schizophrenia Research, 2012, 135, 202-203.	1.1	2
44	Atypical developmental trajectory of functionally significant cortical areas in children with chromosome 22q11.2 deletion syndrome. Human Brain Mapping, 2012, 33, 213-223.	1.9	23
45	Clues to the Foundations of Numerical Cognitive Impairments: Evidence From Genetic Disorders. Developmental Neuropsychology, 2011, 36, 788-805.	1.0	15
46	Young adult female fragile X premutation carriers show age- and genetically-modulated cognitive impairments. Brain and Cognition, 2011, 75, 255-260.	0.8	72
47	Adult Female Fragile X Premutation Carriers Exhibit Age- and CGG Repeat Length-Related Impairments on an Attentionally Based Enumeration Task. Frontiers in Human Neuroscience, 2011, 5, 63.	1.0	59
48	How might stress contribute to increased risk for schizophrenia in children with chromosome 22q11.2 deletion syndrome?. Journal of Neurodevelopmental Disorders, 2011, 3, 68-75.	1.5	44
49	Atypical development of the executive attention network in children with chromosome 22q11.2 deletion syndrome. Journal of Neurodevelopmental Disorders, 2011, 3, 76-85.	1.5	21
50	Brain enlargement is associated with regression in preschool-age boys with autism spectrum disorders. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20195-20200.	3.3	210
51	Increased incidence and size of cavum septum pellucidum in children with chromosome 22q11.2 deletion syndrome. Psychiatry Research - Neuroimaging, 2010, 181, 108-113.	0.9	26
52	22q11.2 microdeletions: linking DNA structural variation to brain dysfunction and schizophrenia. Nature Reviews Neuroscience, 2010, 11, 402-416.	4.9	417
53	Atypical Functional Brain Activation During a Multiple Object Tracking Task in Girls With Turner Syndrome: Neurocorrelates of Reduced Spatiotemporal Resolution. American Journal on Intellectual and Developmental Disabilities, 2010, 115, 140-156.	0.8	22
54	Attenuated positive symptoms of psychosis in adolescents with chromosome 22q11.2 deletion syndrome. Schizophrenia Research, 2010, 118, 118-121.	1.1	65

#	Article	IF	Citations
55	Alterations in Midline Cortical Thickness and Gyrification Patterns Mapped in Children with 22q11.2 Deletions. Cerebral Cortex, 2009, 19, 115-126.	1.6	75
56	Catechol-O-methyltransferase polymorphism modulates cognitive control in children with chromosome 22q11.2 deletion syndrome. Cognitive, Affective and Behavioral Neuroscience, 2009, 9, 83-90.	1.0	17
57	Structure-Specific Statistical Mapping of White Matter Tracts. Mathematics and Visualization, 2009, , 83-112.	0.4	4
58	Brief Report: Methods for Acquiring Structural MRI Data in Very Young Children with Autism Without the Use of Sedation. Journal of Autism and Developmental Disorders, 2008, 38, 1581-1590.	1.7	109
59	A new account of the neurocognitive foundations of impairments in space, time, and number processing in children with chromosome 22q11.2 deletion syndrome. Developmental Disabilities Research Reviews, 2008, 14, 52-58.	2.9	77
60	Atypical cortical connectivity and visuospatial cognitive impairments are related in children with chromosome 22q11.2 deletion syndrome. Behavioral and Brain Functions, 2008, 4, 25.	1.4	51
61	Structure-specific statistical mapping of white matter tracts. NeuroImage, 2008, 41, 448-461.	2.1	158
62	Multivariate segmentation of brain tissues by fusion of MRI and DTI data. , 2008, , .		7
63	Surface-based modeling of white matter fasciculi with orientation encoding. , 2008, , .		1
64	Mapping Cortical Thickness in Children with 22q11.2 Deletions. Cerebral Cortex, 2007, 17, 1889-1898.	1.6	88
65	Structure-Specific Statistical Mapping of White Matter Tracts using the Continuous Medial Representation. , 2007, , .		24
66	Domain specific attentional impairments in children with chromosome 22q11.2 deletion syndrome. Brain and Cognition, 2007, 64, 265-273.	0.8	32
67	Cognitive Characteristics of Children with Genetic Syndromes. Child and Adolescent Psychiatric Clinics of North America, 2007, 16, 599-616.	1.0	22
68	Hippocampal volume reduction in children with chromosome 22q11.2 deletion syndrome is associated with cognitive impairment. Behavioral and Brain Functions, 2007, 3, 54.	1.4	56
69	Corpus callosum morphology and ventricular size in chromosome 22q11.2 deletion syndrome. Brain Research, 2007, 1131, 197-210.	1.1	46
70	Specific cerebellar reductions in children with chromosome 22q11.2 deletion syndrome. Neuroscience Letters, 2006, 399, 245-248.	1.0	58
71	A multilevel analysis of cognitive dysfunction and psychopathology associated with chromosome 22q11.2 deletion syndrome in children. Development and Psychopathology, 2005, 17, 753-84.	1.4	73
72	Maladaptive conflict monitoring as evidence for executive dysfunction in children with chromosome 22q11.2 deletion syndrome. Developmental Science, 2005, 8, 36-43.	1.3	69

#	Article	IF	Citations
73	Visuospatial and Numerical Cognitive Deficits in Children with Chromosome 22Q11.2 Deletion Syndrome. Cortex, 2005, 41, 145-155.	1.1	131
74	Volumetric, connective, and morphologic changes in the brains of children with chromosome 22q11.2 deletion syndrome: an integrative study. NeuroImage, 2005, 25, 169-180.	2.1	179
75	Effects of Comt Genotype on Behavioral Symptomatology in the 22q11.2 Deletion Syndrome. Child Neuropsychology, 2005, 11, 109-117.	0.8	34
76	Effects of a Functional COMT Polymorphism on Prefrontal Cognitive Function in Patients With 22q11.2 Deletion Syndrome. American Journal of Psychiatry, 2004, 161, 1700-1702.	4.0	122
77	Thalamic reductions in children with chromosome 22q11.2 deletion syndrome. NeuroReport, 2004, 15, 1413-1415.	0.6	46
78	Cognitive development in VCFS. Progress in Pediatric Cardiology, 2002, 15, 109-117.	0.2	45
79	Computational Evidence for the Subitizing Phenomenon as an Emergent Property of the Human Cognitive Architecture. Cognitive Science, 2000, 24, 93-122.	0.8	42
80	Neural Evidence Linking Visual Object Enumeration and Attention. Journal of Cognitive Neuroscience, 1999, 11, 36-51.	1.1	164
81	Do the magnocellular and parvocellular visual pathways contribute differentially to subitizing and counting?. Perception & Psychophysics, 1998, 60, 451-464.	2.3	24
82	Computational evidence for the foundations of numerical competence. Developmental Science, 1998, 1, 71-78.	1.3	98
83	Reconceptualizing the origins of number knowledge: A â€œnon-numericalâ€•account. Cognitive Development, 1997, 12, 349-372.	0.7	189
84	Subitizing and counting depend on different attentional mechanisms: Evidence from visual enumeration in afterimages. Perception & Psychophysics, 1996, 58, 915-926.	2.3	118
85	Do infants understand simple arithmetic? A replication of Wynn (1992). Cognitive Development, 1995, 10, 253-269.	0.7	292