Simon Fisher

List of Publications by Year in Descending Order

266 papers	20,170 citations	72 h-index	138 g-index
313 ext. papers	24,096 ext. citations	9.4 avg, IF	6.55 L-index

#	Paper	IF	Citations
266	Genetic variants associated with longitudinal changes in brain structure across the lifespan.. *Nature Neuroscience*, **2022**, 25, 421-432	25.5	1
265	Handedness and its genetic influences are associated with structural asymmetries of the cerebral cortex in 31,864 individuals. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	7
264	Genome-wide association study reveals new insights into the heritability and genetic correlates of developmental dyslexia. *Molecular Psychiatry*, **2021**, 26, 3004-3017	15.1	22
263	1q21.1 distal copy number variants are associated with cerebral and cognitive alterations in humans. *Translational Psychiatry*, **2021**, 11, 182	8.6	6
262	Analysis of structural brain asymmetries in attention-deficit/hyperactivity disorder in 39 datasets. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2021**, 62, 1202-1219	7.9	7
261	The genetic architecture of structural left-right asymmetry of the human brain. *Nature Human Behaviour*, **2021**, 5, 1226-1239	12.8	19
260	Speech and language deficits are central to SETBP1 haploinsufficiency disorder. *European Journal of Human Genetics*, **2021**, 29, 1216-1225	5.3	4
259	Clinical delineation of SETBP1 haploinsufficiency disorder. *European Journal of Human Genetics*, **2021**, 29, 1198-1205	5.3	1
258	Large-Scale Phenomic and Genomic Analysis of Brain Asymmetrical Skew. *Cerebral Cortex*, **2021**, 31, 4151-4168	5.1	12
257	Whole-genome sequencing identifies functional noncoding variation in SEMA3C that cosegregates with dyslexia in a multigenerational family. *Human Genetics*, **2021**, 140, 1183-1200	6.3	2
256	Severe speech impairment is a distinguishing feature of FOXP1-related disorder. *Developmental Medicine and Child Neurology*, **2021**, 63, 1417-1426	3.3	3
255	Molecular networks of the FOXP2 transcription factor in the brain. *EMBO Reports*, **2021**, 22, e52803	6.5	6
254	The developmental origins of genetic factors influencing language and literacy: Associations with early-childhood vocabulary. *Journal of Child Psychology and Psychiatry and Allied Disciplines*, **2021**, 62, 728-738	7.9	6
253	Cerebellar developmental deficits underlie neurodegenerative disorder spinocerebellar ataxia type 23. *Brain Pathology*, **2021**, 31, 239-252	6	1
252	The Evolutionary History of Common Genetic Variants Influencing Human Cortical Surface Area. *Cerebral Cortex*, **2021**, 31, 1873-1887	5.1	6
251	Heterozygous variants that disturb the transcriptional repressor activity of FOXP4 cause a developmental disorder with speech/language delays and multiple congenital abnormalities. *Genetics in Medicine*, **2021**, 23, 534-542	8.1	4
250	Mutation-specific pathophysiological mechanisms define different neurodevelopmental disorders associated with SATB1 dysfunction. *American Journal of Human Genetics*, **2021**, 108, 346-356	11	7

249	The developmental genetic architecture of vocabulary skills during the first three years of life: Capturing emerging associations with later-life reading and cognition. *PLoS Genetics*, **2021**, 17, e1009144	6	1
248	Cortical thickness across the lifespan: Data from 17,075 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	26
247	Subcortical volumes across the lifespan: Data from 18,605 healthy individuals aged 3-90 years. *Human Brain Mapping*, **2021**,	5.9	13
246	Effects of copy number variations on brain structure and risk for psychiatric illness: Large-scale studies from the ENIGMA working groups on CNVs. *Human Brain Mapping*, **2021**,	5.9	6
245	Multivariate genome-wide covariance analyses of literacy, language and working memory skills reveal distinct etiologies. *Npj Science of Learning*, **2021**, 6, 23	6	1
244	Speech-language profiles in the context of cognitive and adaptive functioning in SATB2-associated syndrome. *Genes, Brain and Behavior*, **2021**, 20, e12761	3.6	1
243	Relations between hemispheric asymmetries of grey matter and auditory processing of spoken syllables in 281 healthy adults. *Brain Structure and Function*, **2021**, 1	4	3
242	Region-specific Foxp2 deletions in cortex, striatum or cerebellum cannot explain vocalization deficits observed in spontaneous global knockouts. *Scientific Reports*, **2020**, 10, 21631	4.9	5
241	Mutations of the Transcriptional Corepressor ZMYM2 Cause Syndromic Urinary Tract Malformations. *American Journal of Human Genetics*, **2020**, 107, 727-742	11	2
240	Mapping brain asymmetry in health and disease through the ENIGMA consortium. *Human Brain Mapping*, **2020**,	5.9	24
239	ENIGMA and global neuroscience: A decade of large-scale studies of the brain in health and disease across more than 40 countries. *Translational Psychiatry*, **2020**, 10, 100	8.6	154
238	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
237	Genetic pathways involved in human speech disorders. *Current Opinion in Genetics and Development* , **2020**, 65, 103-111	4.9	8
236	The genetics of situs inversus without primary ciliary dyskinesia. *Scientific Reports*, **2020**, 10, 3677	4.9	15
235	Gene Expression Correlates of the Cortical Network Underlying Sentence Processing. *Neurobiology of Language (Cambridge, Mass.)*, **2020**, 1, 77-103	2.6	7
234	Severe childhood speech disorder: Gene discovery highlights transcriptional dysregulation. *Neurology*, **2020**, 94, e2148-e2167	6.5	28
233	The Association of Dyslexia and Developmental Speech and Language Disorder Candidate Genes with Reading and Language Abilities in Adults. *Twin Research and Human Genetics*, **2020**, 23, 23-32	2.2	6
232	Dynamics of Brain Structure and its Genetic Architecture over the Lifespan **2020**,		7

231	Association of Copy Number Variation of the 15q11.2 BP1-BP2 Region With Cortical and Subcortical Morphology and Cognition. *JAMA Psychiatry*, **2020**, 77, 420-430	14.5	24
230	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment. *Cortex*, **2020**, 124, 137-153	3.8	14
229	Greater male than female variability in regional brain structure across the lifespan. *Human Brain Mapping*, **2020**,	5.9	31
228	Effect of apolipoprotein E polymorphism on cognition and brain in the Cambridge Centre for Ageing and Neuroscience cohort. *Brain and Neuroscience Advances*, **2020**, 4, 2398212820961704	4	4
227	Brain scans from 21,297 individuals reveal the genetic architecture of hippocampal subfield volumes. *Molecular Psychiatry*, **2020**, 25, 3053-3065	15.1	37
226	Dose response of the 16p11.2 distal copy number variant on intracranial volume and basal ganglia. *Molecular Psychiatry*, **2020**, 25, 584-602	15.1	24
225	Toward Robust Functional Neuroimaging Genetics of Cognition. *Journal of Neuroscience*, **2019**, 39, 8778-8787	6.6	11
224	Human Genetics: The Evolving Story of FOXP2. *Current Biology*, **2019**, 29, R65-R67	6.3	20
223	Low-frequency variation in TP53 has large effects on head circumference and intracranial volume. *Nature Communications*, **2019**, 10, 357	17.4	12
222	Disentangling polygenic associations between attention-deficit/hyperactivity disorder, educational attainment, literacy and language. *Translational Psychiatry*, **2019**, 9, 35	8.6	18
221	Multivariate genome-wide association study of rapid automatised naming and rapid alternating stimulus in Hispanic American and African-American youth. *Journal of Medical Genetics*, **2019**, 56, 557-568	5.8	15
220	Genome sequencing for rightward hemispheric language dominance. *Genes, Brain and Behavior*, **2019**, 18, e12572	3.6	10
219	Conserved regulation of neurodevelopmental processes and behavior by FoxP in Drosophila. *PLoS ONE*, **2019**, 14, e0211652	3.7	13
218	Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. *Translational Psychiatry*, **2019**, 9, 77	8.6	42
217	Differential effects of Foxp2 disruption in distinct motor circuits. *Molecular Psychiatry*, **2019**, 24, 447-462	15.1	19
216	De Novo Variants Disturbing the Transactivation Capacity of POU3F3 Cause a Characteristic Neurodevelopmental Disorder. *American Journal of Human Genetics*, **2019**, 105, 403-412	11	17
215	Enhanced self-reported affect and prosocial behaviour without differential physiological responses in mirror-sensory synaesthesia. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20190395	5.8	1
214	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. *Nature Communications*, **2019**, 10, 4958	17.4	72

213	Investigating genetic links between grapheme-colour synaesthesia and neuropsychiatric traits. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20190026	5.8	8
212	Generalized Structured Component Analysis in candidate gene association studies: applications and limitations. *Wellcome Open Research*, **2019**, 4, 142	4.8	4
211	Generalized Structured Component Analysis in candidate gene association studies: applications and limitations. *Wellcome Open Research*, **2019**, 4, 142	4.8	4
210	Conditional disruption of Foxp2 in the mouse brain. *Molecular Psychiatry*, **2019**, 24, 321-321	15.1	
209	Bridging senses: novel insights from synaesthesia. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2019**, 374, 20190022	5.8	
208	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	30.9	81
207	Neandertal Introgression Sheds Light on Modern Human Endocranial Globularity. *Current Biology*, **2019**, 29, 120-127.e5	6.3	44
206	A set of regulatory genes co-expressed in embryonic human brain is implicated in disrupted speech development. *Molecular Psychiatry*, **2019**, 24, 1065-1078	15.1	62
205	Rare variants in axonogenesis genes connect three families with sound-color synesthesia. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 3168-3173	11.5	29
204	Deep phenotyping of speech and language skills in individuals with 16p11.2 deletion. *European Journal of Human Genetics*, **2018**, 26, 676-686	5.3	24
203	Proteomic analysis of FOXP proteins reveals interactions between cortical transcription factors associated with neurodevelopmental disorders. *Human Molecular Genetics*, **2018**, 27, 1212-1227	5.6	28
202	Loss of Intercalated Cells (ITCs) in the Mouse Amygdala of Mutants Correlates with Fear, Depression, and Social Interaction Phenotypes. *Journal of Neuroscience*, **2018**, 38, 1160-1177	6.6	24
201	ASD and schizophrenia show distinct developmental profiles in common genetic overlap with population-based social communication difficulties. *Molecular Psychiatry*, **2018**, 23, 263-270	15.1	69
200	Next-gen sequencing identifies non-coding variation disrupting miRNA-binding sites in neurological disorders. *Molecular Psychiatry*, **2018**, 23, 1375-1384	15.1	33
199	Developmental Changes Within the Genetic Architecture of Social Communication Behavior: A Multivariate Study of Genetic Variance in Unrelated Individuals. *Biological Psychiatry*, **2018**, 83, 598-606	7.9	15
198	Mapping of Human Enhancers Reveals Complex Regulation. *Frontiers in Molecular Neuroscience*, **2018**, 11, 47	6.1	9
197	De novo mutations in MED13, a component of the Mediator complex, are associated with a novel neurodevelopmental disorder. *Human Genetics*, **2018**, 137, 375-388	6.3	26
196	Foxp2 regulates anatomical features that may be relevant for vocal behaviors and bipedal locomotion. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, 8799-8804	11.5	24

195	Early speech development in Koolen de Vries syndrome limited by oral praxis and hypotonia. *European Journal of Human Genetics*, **2018**, 26, 75-84	5.3	14
194	Functional characterization of TBR1 variants in neurodevelopmental disorder. *Scientific Reports*, **2018**, 8, 14279	4.9	10
193	CHD3 helicase domain mutations cause a neurodevelopmental syndrome with macrocephaly and impaired speech and language. *Nature Communications*, **2018**, 9, 4619	17.4	39
192	Foxp2 loss of function increases striatal direct pathway inhibition via increased GABA release. *Brain Structure and Function*, **2018**, 223, 4211-4226	4	16
191	Subtle left-right asymmetry of gene expression profiles in embryonic and foetal human brains. *Scientific Reports*, **2018**, 8, 12606	4.9	34
190	Mapping cortical brain asymmetry in 17,141 healthy individuals worldwide via the ENIGMA Consortium. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E5154-E5163	11.5	182
189	Proteomic analysis of FOXP proteins reveals interactions between cortical transcription factors associated with neurodevelopmental disorders. *Human Molecular Genetics*, **2018**,	5.6	2
188	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. *NeuroImage*, **2017**, 145, 389-408	7.9	142
187	A common variant of the CNTNAP2 gene is associated with structural variation in the left superior occipital gyrus. *Brain and Language*, **2017**, 172, 16-21	2.9	13
186	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173
185	Left-Right Asymmetry of Maturation Rates in Human Embryonic Neural Development. *Biological Psychiatry*, **2017**, 82, 204-212	7.9	40
184	Association analysis of dyslexia candidate genes in a Dutch longitudinal sample. *European Journal of Human Genetics*, **2017**, 25, 452-460	5.3	19
183	Shared genetic influences between dimensional ASD and ADHD symptoms during child and adolescent development. *Molecular Autism*, **2017**, 8, 18	6.5	48
182	Next-generation DNA sequencing identifies novel gene variants and pathways involved in specific language impairment. *Scientific Reports*, **2017**, 7, 46105	4.9	49
181	Overlapping SETBP1 gain-of-function mutations in Schinzel-Giedion syndrome and hematologic malignancies. *PLoS Genetics*, **2017**, 13, e1006683	6	17
180	Equivalent missense variant in the FOXP2 and FOXP1 transcription factors causes distinct neurodevelopmental disorders. *Human Mutation*, **2017**, 38, 1542-1554	4.7	19
179	Speech and Language: Translating the Genome. *Trends in Genetics*, **2017**, 33, 642-656	8.5	36
178	Human subcortical brain asymmetries in 15,847 people worldwide reveal effects of age and sex. *Brain Imaging and Behavior*, **2017**, 11, 1497-1514	4.1	87

177	Neuroimaging genetic analyses of novel candidate genes associated with reading and language. *Brain and Language*, **2017**, 172, 9-15	2.9	15
176	Structural asymmetries of the human cerebellum in relation to cerebral cortical asymmetries and handedness. *Brain Structure and Function*, **2017**, 222, 1611-1623	4	20
175	Evolution of language: Lessons from the genome. *Psychonomic Bulletin and Review*, **2017**, 24, 34-40	4.1	27
174	The DCDC2 deletion is not a risk factor for dyslexia. *Translational Psychiatry*, **2017**, 7, e1182	8.6	10
173	A highly penetrant form of childhood apraxia of speech due to deletion of 16p11.2. *European Journal of Human Genetics*, **2016**, 24, 302-6	5.3	43
172	BCL11A Haploinsufficiency Causes an Intellectual Disability Syndrome and Dysregulates Transcription. *American Journal of Human Genetics*, **2016**, 99, 253-74	11	84
171	Functional characterization of rare FOXP2 variants in neurodevelopmental disorder. *Journal of Neurodevelopmental Disorders*, **2016**, 8, 44	4.6	17
170	Investigating the effects of copy number variants on reading and language performance. *Journal of Neurodevelopmental Disorders*, **2016**, 8, 17	4.6	13
169	Foxp transcription factors suppress a non-pulmonary gene expression program to permit proper lung development. *Developmental Biology*, **2016**, 416, 338-46	3.1	15
168	Early developmental gene enhancers affect subcortical volumes in the adult human brain. *Human Brain Mapping*, **2016**, 37, 1788-800	5.9	6
167	Ultrasonic vocalizations of adult male Foxp2-mutant mice: behavioral contexts of arousal and emotion. *Genes, Brain and Behavior*, **2016**, 15, 243-59	3.6	31
166	Evaluation of results from genome-wide studies of language and reading in a novel independent dataset. *Genes, Brain and Behavior*, **2016**, 15, 531-41	3.6	15
165	Identification and functional characterization of de novo FOXP1 variants provides novel insights into the etiology of neurodevelopmental disorder. *Human Molecular Genetics*, **2016**, 25, 546-57	5.6	51
164	Genetic influences on schizophrenia and subcortical brain volumes: large-scale proof of concept. *Nature Neuroscience*, **2016**, 19, 420-431	25.5	163
163	A Common CYFIP1 Variant at the 15q11.2 Disease Locus Is Associated with Structural Variation at the Language-Related Left Supramarginal Gyrus. *PLoS ONE*, **2016**, 11, e0158036	3.7	9
162	A Molecular Genetic Perspective on Speech and Language **2016**, 13-24		3
161	A Foxp2 Mutation Implicated in Human Speech Deficits Alters Sequencing of Ultrasonic Vocalizations in Adult Male Mice. *Frontiers in Behavioral Neuroscience*, **2016**, 10, 197	3.5	60
160	The language-related transcription factor FOXP2 is post-translationally modified with small ubiquitin-like modifiers. *Scientific Reports*, **2016**, 6, 20911	4.9	32

159	Advances in Dyslexia Genetics-New Insights Into the Role of Brain Asymmetries. *Advances in Genetics*, **2016**, 96, 53-97	3.3	42
158	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
157	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
156	Reply to Pembrey et al: 'ZNF277 microdeletions, specific language impairment and the meiotic mismatch methylation (3M) hypothesis'. *European Journal of Human Genetics*, **2015**, 23, 1113-5	5.3	2
155	Patterns of Gray Matter Abnormalities in Schizophrenia Based on an International Mega-analysis. *Schizophrenia Bulletin*, **2015**, 41, 1133-42	1.3	136
154	A schizophrenia-associated HLA locus affects thalamus volume and asymmetry. *Brain, Behavior, and Immunity*, **2015**, 46, 311-8	16.6	13
153	Exome sequencing in an admixed isolated population indicates NFXL1 variants confer a risk for specific language impairment. *PLoS Genetics*, **2015**, 11, e1004925	6	32
152	A de novo FOXP1 variant in a patient with autism, intellectual disability and severe speech and language impairment. *European Journal of Human Genetics*, **2015**, 23, 1702-7	5.3	36
151	Lack of replication for the myosin-18B association with mathematical ability in independent cohorts. *Genes, Brain and Behavior*, **2015**, 14, 369-76	3.6	17
150	Understanding Language from a Genomic Perspective. *Annual Review of Genetics*, **2015**, 49, 131-60	14.5	67
149	Genome-wide analysis identifies a role for common copy number variants in specific language impairment. *European Journal of Human Genetics*, **2015**, 23, 1370-7	5.3	36
148	Foxp1/2/4 regulate endochondral ossification as a suppresser complex. *Developmental Biology*, **2015**, 398, 242-54	3.1	44
147	Genetics and the Language Sciences. *Annual Review of Linguistics*, **2015**, 1, 289-310	3.7	30
146	A chromosomal rearrangement in a child with severe speech and language disorder separates FOXP2 from a functional enhancer. *Molecular Cytogenetics*, **2015**, 8, 69	2	11
145	G-protein genomic association with normal variation in gray matter density. *Human Brain Mapping*, **2015**, 36, 4272-86	5.9	10
144	The Forkhead Transcription Factor FOXP2 Is Required for Regulation of p21WAF1/CIP1 in 143B Osteosarcoma Cell Growth Arrest. *PLoS ONE*, **2015**, 10, e0128513	3.7	19
143	Insights into the genetic foundations of human communication. *Neuropsychology Review*, **2015**, 25, 3-26	7.7	19
142	The FOXP1, FOXP2 and FOXP4 transcription factors are required for islet alpha cell proliferation and function in mice. *Diabetologia*, **2015**, 58, 1836-44	10.3	29

141	Asymmetry within and around the human planum temporale is sexually dimorphic and influenced by genes involved in steroid hormone receptor activity. *Cortex*, **2015**, 62, 41-55	3.8	95
140	Defining the biological bases of individual differences in musicality. *Philosophical Transactions of the Royal Society B: Biological Sciences*, **2015**, 370, 20140092	5.8	41
139	A Pooled Genome-Wide Association Study of Asperger Syndrome. *PLoS ONE*, **2015**, 10, e0131202	3.7	7
138	Translating the Genome in Human Neuroscience **2015**, 149-158		2
137	Associations of HLA alleles with specific language impairment. *Journal of Neurodevelopmental Disorders*, **2014**, 6, 1	4.6	32
136	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
135	De novo TBR1 mutations in sporadic autism disrupt protein functions. *Nature Communications*, **2014**, 5, 4954	17.4	80
134	What can mice tell us about Foxp2 function?. *Current Opinion in Neurobiology*, **2014**, 28, 72-9	7.6	47
133	A genome-wide search for quantitative trait loci affecting the cortical surface area and thickness of Heschl's gyrus. *Genes, Brain and Behavior*, **2014**, 13, 675-85	3.6	26
132	On the other hand: including left-handers in cognitive neuroscience and neurogenetics. *Nature Reviews Neuroscience*, **2014**, 15, 193-201	13.5	180
131	Humanized Foxp2 accelerates learning by enhancing transitions from declarative to procedural performance. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 14253-8	11.5	128
130	Investigating protein-protein interactions in live cells using bioluminescence resonance energy transfer. *Journal of Visualized Experiments*, **2014**,	1.6	15
129	Differences in cerebral cortical anatomy of left- and right-handers. *Frontiers in Psychology*, **2014**, 5, 261	3.4	77
128	Assessing the effects of common variation in the FOXP2 gene on human brain structure. *Frontiers in Human Neuroscience*, **2014**, 8, 473	3.3	31
127	No effect of schizophrenia risk genes MIR137, TCF4, and ZNF804A on macroscopic brain structure. *Schizophrenia Research*, **2014**, 159, 329-32	3.6	19
126	Homozygous microdeletion of exon 5 in ZNF277 in a girl with specific language impairment. *European Journal of Human Genetics*, **2014**, 22, 1165-71	5.3	22
125	Hypomethylation of the paternally inherited LRRTM1 promoter linked to schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2014**, 165B, 555-63	3.5	18
124	Genome-wide screening for DNA variants associated with reading and language traits. *Genes, Brain and Behavior*, **2014**, 13, 686-701	3.6	78

123	Measurement and genetics of human subcortical and hippocampal asymmetries in large datasets. *Human Brain Mapping*, **2014**, 35, 3277-89	5.9	40
122	Genome-wide association analyses of child genotype effects and parent-of-origin effects in specific language impairment. *Genes, Brain and Behavior*, **2014**, 13, 418-29	3.6	62
121	Increased prevalence of sex chromosome aneuploidies in specific language impairment and dyslexia. *Developmental Medicine and Child Neurology*, **2014**, 56, 346-53	3.3	34
120	A genome wide association study of mathematical ability reveals an association at chromosome 3q29, a locus associated with autism and learning difficulties: a preliminary study. *PLoS ONE*, **2014**, 9, e96374	3.7	21
119	FOXP2 targets show evidence of positive selection in European populations. *American Journal of Human Genetics*, **2013**, 92, 696-706	11	81
118	Persistence and transmission of recessive deafness and sign language: new insights from village sign languages. *European Journal of Human Genetics*, **2013**, 21, 894-6	5.3	8
117	Molecular genetics of dyslexia: an overview. *Dyslexia*, **2013**, 19, 214-40	1.6	90
116	Absolute pitch exhibits phenotypic and genetic overlap with synesthesia. *Human Molecular Genetics* , **2013**, 22, 2097-104	5.6	40
115	Is synaesthesia more common in autism?. *Molecular Autism*, **2013**, 4, 40	6.5	68
114	Neurogenomics of speech and language disorders: the road ahead. *Genome Biology*, **2013**, 14, 204	18.3	26
113	Decoding the genetics of speech and language. *Current Opinion in Neurobiology*, **2013**, 23, 43-51	7.6	97
112	Evolution. Culture, genes, and the human revolution. *Science*, **2013**, 340, 929-30	33.3	40
111	Common variants in left/right asymmetry genes and pathways are associated with relative hand skill. *PLoS Genetics*, **2013**, 9, e1003751	6	112
110	Dual copy number variants involving 16p11 and 6q22 in a case of childhood apraxia of speech and pervasive developmental disorder. *European Journal of Human Genetics*, **2013**, 21, 361-5	5.3	31
109	Genetic Pathways Implicated in Speech and Language **2013**, 13-40		4
108	CNTNAP2 variants affect early language development in the general population. *Genes, Brain and Behavior*, **2012**, 11, 501-501	3.6	4
107	Foxp2 mutations impair auditory-motor association learning. *PLoS ONE*, **2012**, 7, e33130	3.7	52
106	The DISC1 promoter: characterization and regulation by FOXP2. *Human Molecular Genetics*, **2012**, 21, 2862-72	5.6	37

105	An aetiological Foxp2 mutation causes aberrant striatal activity and alters plasticity during skill learning. *Molecular Psychiatry*, **2012**, 17, 1077-85	15.1	105
104	Exome sequencing in sporadic autism spectrum disorders identifies severe de novo mutations. *Nature Genetics*, **2011**, 43, 585-9	36.3	899
103	Analysis of dyslexia candidate genes in the Raine cohort representing the general Australian population. *Genes, Brain and Behavior*, **2011**, 10, 158-65	3.6	43
102	CNTNAP2 variants affect early language development in the general population. *Genes, Brain and Behavior*, **2011**, 10, 451-6	3.6	128
101	Investigation of dyslexia and SLI risk variants in reading- and language-impaired subjects. *Behavior Genetics*, **2011**, 41, 90-104	3.2	166
100	Foxp2 regulates gene networks implicated in neurite outgrowth in the developing brain. *PLoS Genetics*, **2011**, 7, e1002145	6	198
99	Functional Genomic Dissection of Speech and Language Disorders. *Advances in Neurobiology*, **2011**, 253-278	2.8	1
98	The structure of innate vocalizations in Foxp2-deficient mouse pups. *Genes, Brain and Behavior*, **2010**, 9, 390-401	3.6	81
97	Molecular networks implicated in speech-related disorders: FOXP2 regulates the SRPX2/uPAR complex. *Human Molecular Genetics*, **2010**, 19, 4848-60	5.6	84
96	Genetic susceptibility to stuttering. *New England Journal of Medicine*, **2010**, 362, 750-2	59.2	11
95	Recent advances in the genetics of language impairment. *Genome Medicine*, **2010**, 2, 6	14.4	62
94	FOXP2 as a molecular window into speech and language. *Trends in Genetics*, **2009**, 25, 166-77	8.5	365
93	Modified sound-evoked brainstem potentials in Foxp2 mutant mice. *Brain Research*, **2009**, 1289, 30-6	3.7	22
92	Assessing the impact of FOXP1 mutations on developmental verbal dyspraxia. *European Journal of Human Genetics*, **2009**, 17, 1354-8	5.3	34
91	CMIP and ATP2C2 modulate phonological short-term memory in language impairment. *American Journal of Human Genetics*, **2009**, 85, 264-72	11	142
90	A humanized version of Foxp2 affects cortico-basal ganglia circuits in mice. *Cell*, **2009**, 137, 961-71	56.2	427
89	Unravelling neurogenetic networks implicated in developmental language disorders. *Biochemical Society Transactions*, **2009**, 37, 1263-9	5.1	15
88	Impaired synaptic plasticity and motor learning in mice with a point mutation implicated in human speech deficits. *Current Biology*, **2008**, 18, 354-62	6.3	253

87	A functional genetic link between distinct developmental language disorders. *New England Journal of Medicine*, **2008**, 359, 2337-45	59.2	513
86	Genetic and phenotypic effects of phonological short-term memory and grammatical morphology in specific language impairment. *Genes, Brain and Behavior*, **2008**, 7, 393-402	3.6	82
85	Generation of mice with a conditional Foxp2 null allele. *Genesis*, **2007**, 45, 440-6	1.9	77
84	LRRTM1 on chromosome 2p12 is a maternally suppressed gene that is associated paternally with handedness and schizophrenia. *Molecular Psychiatry*, **2007**, 12, 1129-39, 1057	15.1	260
83	LRRTM1 protein is located in the endoplasmic reticulum (ER) in mammalian cells. *Molecular Psychiatry*, **2007**, 12, 1057-1057	15.1	5
82	Multivariate linkage analysis of specific language impairment (SLI). *Annals of Human Genetics*, **2007**, 71, 660-73	2.2	47
81	Molecular windows into speech and language disorders. *Folia Phoniatrica Et Logopaedica*, **2007**, 59, 130-405		11
80	Identification of the transcriptional targets of FOXP2, a gene linked to speech and language, in developing human brain. *American Journal of Human Genetics*, **2007**, 81, 1144-57	11	203
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78	Tangled webs: tracing the connections between genes and cognition. *Cognition*, **2006**, 101, 270-97	3.5	157
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15	Greater male than female variability in regional brain structure across the lifespan	2
14	Analysis of structural brain asymmetries in Attention-Deficit/Hyperactivity Disorder in 39 datasets	3
13	Cortical Thickness Trajectories across the Lifespan: Data from 17,075 healthy individuals aged 3-90 years	4
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11	The genetic architecture of structural left-right asymmetry of the human brain	3
10	The Multivariate Genome-wide Architecture of Interrelated Literacy, Language and Working Memory Skills Reveals Distinct Etiologies	1
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6	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment	2
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3	Left-handedness and its genetic influences are associated with structural asymmetries mapped across the cerebral cortex in 31,864 individuals	2
2	Discovery of 42 Genome-Wide Significant Loci Associated with Dyslexia	7
1	Missense variants in ANKRD11 cause KBG syndrome by impairment of stability or transcriptional activity of the encoded protein	1