Clyde Francks

List of Publications by Year in Descending Order

111 papers	9,048 citations	45 h-index	94 g-index
134 ext. papers	10,815 ext. citations	9.5 avg, IF	5.36 L-index

#	Paper	IF	Citations
111	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
110	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
109	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
108	The genetic architecture of structural left-right asymmetry of the human brain. *Nature Human Behaviour*, **2021**, 5, 1226-1239	12.8	19
107	Large-Scale Phenomic and Genomic Analysis of Brain Asymmetrical Skew. *Cerebral Cortex*, **2021**, 31, 4151-4168	5.4	12
106	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
105	Interhemispheric Relationship of Genetic Influence on Human Brain Connectivity. *Cerebral Cortex*, **2021**, 31, 77-88	5.1	2
104	Patterns of brain asymmetry associated with polygenic risks for autism and schizophrenia implicate language and executive functions but not brain masculinization. *Molecular Psychiatry*, **2021**,	15.1	5
103	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
102	Consortium neuroscience of attention deficit/hyperactivity disorder and autism spectrum disorder: The ENIGMA adventure. *Human Brain Mapping*, **2020**,	5.9	17
101	Mapping brain asymmetry in health and disease through the ENIGMA consortium. *Human Brain Mapping*, **2020**,	5.9	24
100	An overview of the first 5 years of the ENIGMA obsessive-compulsive disorder working group: The power of worldwide collaboration. *Human Brain Mapping*, **2020**,	5.9	22
99	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
98	The genetic architecture of the human cerebral cortex. *Science*, **2020**, 367,	33.3	156
97	The genetics of situs inversus without primary ciliary dyskinesia. *Scientific Reports*, **2020**, 10, 3677	4.9	15
96	Gene Expression Correlates of the Cortical Network Underlying Sentence Processing. *Neurobiology of Language (Cambridge, Mass.)*, **2020**, 1, 77-103	2.6	7
95	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

94	Reproducibility in the absence of selective reporting: An illustration from large-scale brain asymmetry research. *Human Brain Mapping*, **2020**,	5.9	5
93	Mapping Cortical and Subcortical Asymmetry in Obsessive-Compulsive Disorder: Findings From the ENIGMA Consortium. *Biological Psychiatry*, **2020**, 87, 1022-1034	7.9	34
92	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
91	The molecular genetics of hand preference revisited. *Scientific Reports*, **2019**, 9, 5986	4.9	49
90	Genome sequencing for rightward hemispheric language dominance. *Genes, Brain and Behavior*, **2019**, 18, e12572	3.6	10
89	Genome-wide association scan identifies new variants associated with a cognitive predictor of dyslexia. *Translational Psychiatry*, **2019**, 9, 77	8.6	42
88	A large-scale population study of early life factors influencing left-handedness. *Scientific Reports*, **2019**, 9, 584	4.9	57
87	No Alterations of Brain Structural Asymmetry in Major Depressive Disorder: An ENIGMA Consortium Analysis. *American Journal of Psychiatry*, **2019**, 176, 1039-1049	11.9	21
86	In search of the biological roots of typical and atypical human brain asymmetry: Comment on "Phenotypes in hemispheric functional segregation? Perspectives and challenges" by Guy Vingerhoets. *Physics of Life Reviews*, **2019**, 30, 22-24	2.1	3
85	Altered structural brain asymmetry in autism spectrum disorder in a study of 54 datasets. *Nature Communications*, **2019**, 10, 4958	17.4	72
84	Genetic architecture of subcortical brain structures in 38,851 individuals. *Nature Genetics*, **2019**, 51, 1624-1636	30.9	81
83	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
82	Next-gen sequencing identifies non-coding variation disrupting miRNA-binding sites in neurological disorders. *Molecular Psychiatry*, **2018**, 23, 1375-1384	15.1	33
81	Transcriptomic analysis of left-right differences in human embryonic forebrain and midbrain. *Scientific Data*, **2018**, 5, 180164	8.2	3
80	Subtle left-right asymmetry of gene expression profiles in embryonic and foetal human brains. *Scientific Reports*, **2018**, 8, 12606	4.9	34
79	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
78	ENIGMA and the individual: Predicting factors that affect the brain in 35 countries worldwide. *NeuroImage*, **2017**, 145, 389-408	7.9	142
77	Novel genetic loci associated with hippocampal volume. *Nature Communications*, **2017**, 8, 13624	17.4	173

76	Left-Right Asymmetry of Maturation Rates in Human Embryonic Neural Development. *Biological Psychiatry*, **2017**, 82, 204-212	7.9	40
75	Association analysis of dyslexia candidate genes in a Dutch longitudinal sample. *European Journal of Human Genetics*, **2017**, 25, 452-460	5.3	19
74	Next-generation DNA sequencing identifies novel gene variants and pathways involved in specific language impairment. *Scientific Reports*, **2017**, 7, 46105	4.9	49
73	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
72	Neuroimaging genetic analyses of novel candidate genes associated with reading and language. *Brain and Language*, **2017**, 172, 9-15	2.9	15
71	Structural asymmetries of the human cerebellum in relation to cerebral cortical asymmetries and handedness. *Brain Structure and Function*, **2017**, 222, 1611-1623	4	20
70	Epigenetic regulation of lateralized fetal spinal gene expression underlies hemispheric asymmetries. *ELife*, **2017**, 6,	8.9	73
69	Investigating the effects of copy number variants on reading and language performance. *Journal of Neurodevelopmental Disorders*, **2016**, 8, 17	4.6	13
68	Early developmental gene enhancers affect subcortical volumes in the adult human brain. *Human Brain Mapping*, **2016**, 37, 1788-800	5.9	6
67	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
66	Whole exome sequencing for handedness in a large and highly consanguineous family. *Neuropsychologia*, **2016**, 93, 342-349	3.2	9
65	Novel genetic loci underlying human intracranial volume identified through genome-wide association. *Nature Neuroscience*, **2016**, 19, 1569-1582	25.5	147
64	Common genetic variants influence human subcortical brain structures. *Nature*, **2015**, 520, 224-9	50.4	601
63	Reply to Pembrey et al: ℤNF277 microdeletions, specific language impairment and the meiotic mismatch methylation (3M) hypothesisℾ *European Journal of Human Genetics*, **2015**, 23, 1113-5	5.3	2
62	A schizophrenia-associated HLA locus affects thalamus volume and asymmetry. *Brain, Behavior, and Immunity*, **2015**, 46, 311-8	16.6	13
61	Exploring human brain lateralization with molecular genetics and genomics. *Annals of the New York Academy of Sciences*, **2015**, 1359, 1-13	6.5	49
60	Exome sequencing in an admixed isolated population indicates NFXL1 variants confer a risk for specific language impairment. *PLoS Genetics*, **2015**, 11, e1004925	6	32
59	Lateralization of gene expression in human language cortex. *Cortex*, **2015**, 67, 30-6	3.8	50

58	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
57	The ENIGMA Consortium: large-scale collaborative analyses of neuroimaging and genetic data. *Brain Imaging and Behavior*, **2014**, 8, 153-82	4.1	539
56	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
55	On the other hand: including left-handers in cognitive neuroscience and neurogenetics. *Nature Reviews Neuroscience*, **2014**, 15, 193-201	13.5	180
54	Differences in cerebral cortical anatomy of left- and right-handers. *Frontiers in Psychology*, **2014**, 5, 261	3.4	77
53	Assessing the effects of common variation in the FOXP2 gene on human brain structure. *Frontiers in Human Neuroscience*, **2014**, 8, 473	3.3	31
52	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
51	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
50	Genome-wide screening for DNA variants associated with reading and language traits. *Genes, Brain and Behavior*, **2014**, 13, 686-701	3.6	78
49	Measurement and genetics of human subcortical and hippocampal asymmetries in large datasets. *Human Brain Mapping*, **2014**, 35, 3277-89	5.9	40
48	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
47	No association between NRG1 and ErbB4 genes and psychopathological symptoms of schizophrenia. *NeuroMolecular Medicine*, **2014**, 16, 742-51	4.6	4
46	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
45	Distinct loci in the CHRNA5/CHRNA3/CHRNB4 gene cluster are associated with onset of regular smoking. *Genetic Epidemiology*, **2013**, 37, 846-59	2.6	26
44	Increased genetic vulnerability to smoking at CHRNA5 in early-onset smokers. *Archives of General Psychiatry*, **2012**, 69, 854-60		65
43	Leucine-rich repeat genes and the fine-tuning of synapses. *Biological Psychiatry*, **2011**, 69, 820-1	7.9	6
42	ADAMTSL3 as a candidate gene for schizophrenia: gene sequencing and ultra-high density association analysis by imputation. *Schizophrenia Research*, **2011**, 127, 28-34	3.6	32
41	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. *Nature Genetics*, **2011**, 43, 1082-90	36.3	313

40	Meta-analysis and imputation refines the association of 15q25 with smoking quantity. *Nature Genetics*, **2010**, 42, 436-40	36.3	521
39	A large replication study and meta-analysis in European samples provides further support for association of AHI1 markers with schizophrenia. *Human Molecular Genetics*, **2010**, 19, 1379-86	5.6	42
38	Genome-wide association and meta-analysis of bipolar disorder in individuals of European ancestry. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 7501-6	11.5	239
37	A genome-wide investigation of SNPs and CNVs in schizophrenia. *PLoS Genetics*, **2009**, 5, e1000373	6	357
36	Understanding the genetics of behavioural and psychiatric traits will only be achieved through a realistic assessment of their complexity. *Laterality*, **2009**, 14, 11-6	2	27
35	Large recurrent microdeletions associated with schizophrenia. *Nature*, **2008**, 455, 232-6	50.4	1427
34	Failure to replicate effect of Kibra on human memory in two large cohorts of European origin. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2008**, 147B, 667-8	3.5	57
33	The chromosome 6p22 haplotype associated with dyslexia reduces the expression of KIAA0319, a novel gene involved in neuronal migration. *Human Molecular Genetics*, **2006**, 15, 1659-66	5.6	205
32	Genes, cognition and dyslexia: learning to read the genome. *Trends in Cognitive Sciences*, **2006**, 10, 250-7	14	77
31	Attention deficit hyperactivity disorder: fine mapping supports linkage to 5p13, 6q12, 16p13, and 17p11. *American Journal of Human Genetics*, **2004**, 75, 661-8	11	112
30	A 77-kilobase region of chromosome 6p22.2 is associated with dyslexia in families from the United Kingdom and from the United States. *American Journal of Human Genetics*, **2004**, 75, 1046-58	11	198
29	Parent-of-origin effects on handedness and schizophrenia susceptibility on chromosome 2p12-q11. *Human Molecular Genetics*, **2003**, 12, 3225-30	5.6	55
28	Familial and genetic effects on motor coordination, laterality, and reading-related cognition. *American Journal of Psychiatry*, **2003**, 160, 1970-7	11.9	47
27	A genomewide scan for attention-deficit/hyperactivity disorder in an extended sample: suggestive linkage on 17p11. *American Journal of Human Genetics*, **2003**, 72, 1268-79	11	174
26	Confirmatory evidence for linkage of relative hand skill to 2p12-q11. *American Journal of Human Genetics*, **2003**, 72, 499-502	11	77
25	Use of multivariate linkage analysis for dissection of a complex cognitive trait. *American Journal of Human Genetics*, **2003**, 72, 561-70	11	110
24	The genetic basis of dyslexia. *Lancet Neurology, The*, **2002**, 1, 483-90	24.1	49
23	Independent genome-wide scans identify a chromosome 18 quantitative-trait locus influencing dyslexia. *Nature Genetics*, **2002**, 30, 86-91	36.3	213

22	Fine mapping of the chromosome 2p12-16 dyslexia susceptibility locus: quantitative association analysis and positional candidate genes SEMA4F and OTX1. *Psychiatric Genetics*, **2002**, 12, 35-41	2.9	57
21	A genomewide scan for loci involved in attention-deficit/hyperactivity disorder. *American Journal of Human Genetics*, **2002**, 70, 1183-96	11	262
20	A genomewide linkage screen for relative hand skill in sibling pairs. *American Journal of Human Genetics*, **2002**, 70, 800-5	11	96
19	Genetic linkage of attention-deficit/hyperactivity disorder on chromosome 16p13, in a region implicated in autism. *American Journal of Human Genetics*, **2002**, 71, 959-63	11	176
18	Investigation of quantitative measures related to reading disability in a large sample of sib-pairs from the UK. *Behavior Genetics*, **2001**, 31, 219-30	3.2	30
17	Genome-wide association analyses of individual differences in quantitatively assessed reading- and language-related skills in up to 34,000 people		6
16	ENIGMA and Global Neuroscience: A Decade of Large-Scale Studies of the Brain in Health and Disease across more than 40 Countries		7
15	Gene Expression Correlates of the Cortical Network Underlying Sentence Processing		1
14	Next-generation sequencing identifies novel gene variants and pathways involved in specific language impairment		1
13	Genetic Architecture of Subcortical Brain Structures in Over 40,000 Individuals Worldwide		5
12	Analysis of structural brain asymmetries in Attention-Deficit/Hyperactivity Disorder in 39 datasets		3
11	The genetic architecture of structural left-right asymmetry of the human brain		3
10	Multivariate genome-wide association study of rapid automatized naming and rapid alternating stimulus in Hispanic and African American youth		2
9	Subtle left-right asymmetry of gene expression profiles in embryonic and foetal human brains		1
8	No clear monogenic links between left-handedness and situs inversus		2
7	Altered structural brain asymmetry in autism spectrum disorder: large-scale analysis via the ENIGMA Consortium		3
6	Genetic effects on planum temporale asymmetry and their limited relevance to neurodevelopmental disorders, intelligence or educational attainment		2
5	Large-scale Phenomic and Genomic Analysis of Brain Asymmetrical Skew		2

4	An illustration of reproducibility in neuroscience research in the absence of selective reporting	1
3	LRRTM1:181-196	1
2	Left-handedness and its genetic influences are associated with structural asymmetries mapped across the cerebral cortex in 31,864 individuals	2
1	Discovery of 42 Genome-Wide Significant Loci Associated with Dyslexia	7