Christopher A Walsh

List of Publications by Year
in descending order

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259 papers	44,083 citations	1697 104 h-index	2375 198 g-index
313 all docs	313 docs citations	313 times ranked	39862 citing authors

#	Article	IF	Citations
1	Rates and Patterns of Clonal Oncogenic Mutations in the Normal Human Brain. Cancer Discovery, 2022, 12, 172-185.	7.7	19
2	Variants in ADD1 cause intellectual disability, corpus callosum dysgenesis, and ventriculomegaly in humans. Genetics in Medicine, 2022, 24, 319-331.	1.1	6
3	Brain ventricles as windows into brain development and disease. Neuron, 2022, 110, 12-15.	3.8	23
4	Impaired catabolism of free oligosaccharides due to MAN2C1 variants causes a neurodevelopmental disorder. American Journal of Human Genetics, 2022, 109, 345-360.	2.6	4
5	Genetic mosaicism in the human brain: from lineage tracing to neuropsychiatric disorders. Nature Reviews Neuroscience, 2022, 23, 275-286.	4.9	39
6	Impaired neurogenesis alters brain biomechanics in a neuroprogenitor-based genetic subtype of congenital hydrocephalus. Nature Neuroscience, 2022, 25, 458-473.	7.1	46
7	Somatic mosaicism reveals clonal distributions of neocortical development. Nature, 2022, 604, 689-696.	13.7	26
8	Somatic genomic changes in single Alzheimerâ€™s disease neurons. Nature, 2022, 604, 714-722.	13.7	92
9	The <scp>ILAE</scp> consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the <scp>ILAE</scp> diagnostic methods commission. Epilepsia, 2022, 63, 1899-1919.	2.6	88
10	Orgo-Seq integrates single-cell and bulk transcriptomic data to identify cell type specific-driver genes associated with autism spectrum disorder. Nature Communications, 2022, 13, .	5.8	11
11	Large mosaic copy number variations confer autism risk. Nature Neuroscience, 2021, 24, 197-203.	7.1	36
12	The landscape of somatic mutation in cerebral cortex of autistic and neurotypical individuals revealed by ultra-deep whole-genome sequencing. Nature Neuroscience, 2021, 24, 176-185.	7.1	73
13	RCL1 copy number variants are associated with a range of neuropsychiatric phenotypes. Molecular Psychiatry, 2021, 26, 1706-1718.	4.1	10
14	A recurrent, homozygous EMC10 frameshift variant is associated with a syndrome of developmental delay with variable seizures and dysmorphic features. Genetics in Medicine, 2021, 23, 1158-1162.	1.1	13
15	MIPP-Seq: ultra-sensitive rapid detection and validation of low-frequency mosaic mutations. BMC Medical Genomics, 2021, 14, 47.	0.7	12
16	Landmarks of human embryonic development inscribed in somatic mutations. Science, 2021, 371, 1249-1253.	6.0	65
17	Comprehensive identification of somatic nucleotide variants in human brain tissue. Genome Biology, 2021, 22, 92.	3.8	26
18	16p11.2 deletion is associated with hyperactivation of human iPSC-derived dopaminergic neuron networks and is rescued by RHOA inhibition in vitro. Nature Communications, 2021, 12, 2897.	5.8	35

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19	DNA Adductomics by mass tag prelabeling. Rapid Communications in Mass Spectrometry, 2021, 35, e9095.	0.7	2
20	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	2.6	54
21	De novo variants in <scp>TCF7L2</scp> are associated with a syndromic neurodevelopmental disorder. American Journal of Medical Genetics, Part A, 2021, 185, 2384-2390.	0.7	13
22	Somatic copy number variants in neuropsychiatric disorders. Current Opinion in Genetics and Development, 2021, 68, 9-17.	1.5	6
23	Early role for a Na ⁺ ,K ⁺ -ATPase (ATP1A3) in brain development. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20
24	Application of single cell genomics to focal epilepsies: A call to action. Brain Pathology, 2021, 31, e12958.	2.1	8
25	Biallelic loss-of-function variants in WDR11 are associated with microcephaly and intellectual disability. European Journal of Human Genetics, 2021, 29, 1663-1668.	1.4	7
26	Brain Somatic Mutation in Aging and Alzheimer's Disease. Annual Review of Genomics and Human Genetics, 2021, 22, 239-256.	2.5	32
27	Rewiring of human neurodevelopmental gene regulatory programs by human accelerated regions. Neuron, 2021, 109, 3239-3251.e7.	3.8	91
28	Whole-genome analysis reveals the contribution of non-coding de novo transposon insertions to autism spectrum disorder. Mobile DNA, 2021, 12, 28.	1.3	17
29	Accurate detection of mosaic variants in sequencing data without matched controls. Nature Biotechnology, 2020, 38, 314-319.	9.4	54
30	Innovations present in the primate interneuron repertoire. Nature, 2020, 586, 262-269.	13.7	206
31	Jettison-MS of Nucleic Acid Species. Journal of the American Society for Mass Spectrometry, 2020, 31, 1641-1646.	1.2	2
32	Polymicrogyria is Associated With Pathogenic Variants in PTEN. Annals of Neurology, 2020, 88, 1153-1164.	2.8	14
33	Homozygous deletions implicate non-coding epigenetic marks in Autism spectrum disorder. Scientific Reports, 2020, 10, 14045.	1.6	12
34	APP gene copy number changes reflect exogenous contamination. Nature, 2020, 584, E20-E28.	13.7	18
35	The polymicrogyria-associated GPR56 promoter preferentially drives gene expression in developing GABAergic neurons in common marmosets. Scientific Reports, 2020, 10, 21516.	1.6	10
36	Recent Advances in Understanding the Genetic Architecture of Autism. Annual Review of Genomics and Human Genetics, 2020, 21, 289-304.	2.5	30

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37	Parallel RNA and DNA analysis after deep sequencing (PRDD-seq) reveals cell type-specific lineage patterns in human brain. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 13886-13895.	3.3	33
38	Focal cortical dysplasia. , 2020, , 285-307.		1
39	Posterior Neocortex-Specific Regulation of Neuronal Migration by CEP85L Identifies Maternal Centriole-Dependent Activation of CDK5. Neuron, 2020, 106, 246-255.e6.	3.8	19
40	Regulation of human cerebral cortical development by EXOC7 and EXOC8, components of the exocyst complex, and roles in neural progenitor cell proliferation and survival. Genetics in Medicine, 2020, 22, 1040-1050.	1.1	13
41	Large-Scale Exome Sequencing Study Implicates Both Developmental and Functional Changes in the Neurobiology of Autism. Cell, 2020, 180, 568-584.e23.	13.5	1,422
42	Ion Channel Functions in Early Brain Development. Trends in Neurosciences, 2020, 43, 103-114.	4.2	67
43	<scp>PDCD6IP</scp>, encoding a regulator of the <scp>ESCRT</scp> complex, is mutated in microcephaly. Clinical Genetics, 2020, 98, 80-85.	1.0	11
44	Homozygous Missense Variants in NTNG2, Encoding a Presynaptic Netrin-G2 Adhesion Protein, Lead to a Distinct Neurodevelopmental Disorder. American Journal of Human Genetics, 2019, 105, 1048-1056.	2.6	30
45	Duplication 2p16 is associated with perisylvian polymicrogyria. American Journal of Medical Genetics, Part A, 2019, 179, 2343-2356.	0.7	1
46	Genome aging: somatic mutation in the brain links age-related decline with disease and nominates pathogenic mechanisms. Human Molecular Genetics, 2019, 28, R197-R206.	1.4	37
47	Recessive gene disruptions in autism spectrum disorder. Nature Genetics, 2019, 51, 1092-1098.	9.4	109
48	SFI1 promotes centriole duplication by recruiting USP9X to stabilize the microcephaly protein STIL. Journal of Cell Biology, 2019, 218, 2185-2197.	2.3	18
49	Linked-read analysis identifies mutations in single-cell DNA-sequencing data. Nature Genetics, 2019, 51, 749-754.	9.4	76
50	Rainer W. Guillery and the genetic analysis of brain development. European Journal of Neuroscience, 2019, 49, 900-908.	1.2	3
51	Aspm knockout ferret reveals an evolutionary mechanism governing cerebral cortical size. Nature, 2018, 556, 370-375.	13.7	127
52	Cover Image, Volume 176A, Number 2, February 2018. American Journal of Medical Genetics, Part A, 2018, 176, i.	0.7	3
53	Thoracic aortic aneurysm in patients with loss of function Filamin A mutations: Clinical characterization, genetics, and recommendations. American Journal of Medical Genetics, Part A, 2018, 176, 337-350.	0.7	40
54	PaSD-qc: quality control for single cell whole-genome sequencing data using power spectral density estimation. Nucleic Acids Research, 2018, 46, e20-e20.	6.5	14

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55	Aging and neurodegeneration are associated with increased mutations in single human neurons. Science, 2018, 359, 555-559.	6.0	496
56	DCCmutation update: Congenital mirror movements, isolated agenesis of the corpus callosum, and developmental split brain syndrome. Human Mutation, 2018, 39, 23-39.	1.1	41
57	PSMD12 haploinsufficiency in a neurodevelopmental disorder with autistic features. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2018, 177, 736-745.	1.1	23
58	Somatic mosaicism and neurodevelopmental disease. Nature Neuroscience, 2018, 21, 1504-1514.	7.1	186
59	The Genetics of Primary Microcephaly. Annual Review of Genomics and Human Genetics, 2018, 19, 177-200.	2.5	220
60	The Epigenetic State of PRDM16-Regulated Enhancers in Radial Glia Controls Cortical Neuron Position. Neuron, 2018, 98, 945-962.e8.	3.8	54
61	The ESCRT-III Protein CHMP1A Mediates Secretion of Sonic Hedgehog on a Distinctive Subtype of Extracellular Vesicles. Cell Reports, 2018, 24, 973-986.e8.	2.9	79
62	Evolutionary Changes in Transcriptional Regulation: Insights into Human Behavior and Neurological Conditions. Annual Review of Neuroscience, 2018, 41, 185-206.	5.0	18
63	Somatic Mutation in Pediatric Neurological Diseases. Pediatric Neurology, 2018, 87, 20-22.	1.0	22
64	Sodium Channel SCN3A (NaV1.3) Regulation of Human Cerebral Cortical Folding and Oral Motor Development. Neuron, 2018, 99, 905-913.e7.	3.8	109
65	Making a Notch in the Evolution of the Human Cortex. Developmental Cell, 2018, 45, 548-550.	3.1	6
66	De novo and inherited private variants in MAP1B in periventricular nodular heterotopia. PLoS Genetics, 2018, 14, e1007281.	1.5	40
67	Cc2d1a Loss of Function Disrupts Functional and Morphological Development in Forebrain Neurons Leading to Cognitive and Social Deficits. Cerebral Cortex, 2017, 27, 1670-1685.	1.6	36
68	Building a lineage from single cells: genetic techniques for cell lineage tracking. Nature Reviews Genetics, 2017, 18, 230-244.	7.7	204
69	Biallelic mutations in human DCC cause developmental split-brain syndrome. Nature Genetics, 2017, 49, 606-612.	9.4	62
70	Identification of a novel CNTNAP1 mutation causing arthrogryposis multiplex congenita with cerebral and cerebellar atrophy. European Journal of Medical Genetics, 2017, 60, 245-249.	0.7	20
71	Intersection of diverse neuronal genomes and neuropsychiatric disease: The Brain Somatic Mosaicism Network. Science, 2017, 356, .	6.0	206
72	Integrated genome and transcriptome sequencing identifies a noncoding mutation in the genome replication factor DONSON as the cause of microcephaly-micromelia syndrome. Genome Research, 2017, 27, 1323-1335.	2.4	40

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73	Rates, distribution and implications of postzygotic mosaic mutations in autism spectrum disorder. Nature Neuroscience, 2017, 20, 1217-1224.	7.1	212
74	Cerebral cortical neuron diversity and development at single-cell resolution. Current Opinion in Neurobiology, 2017, 42, 9-16.	2.0	51
75	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. Cell Reports, 2017, 21, 3754-3766.	2.9	247
76	Disorders of Microtubule Function in Neurons: Imaging Correlates. American Journal of Neuroradiology, 2016, 37, 528-535.	1.2	56
77	Novel lossâ€ofâ€function variants in DIAPH1 associated with syndromic microcephaly, blindness, and early onset seizures. American Journal of Medical Genetics, Part A, 2016, 170, 435-440.	0.7	36
78	Cell-Type-Specific Alternative Splicing Governs Cell Fate in the Developing Cerebral Cortex. Cell, 2016, 166, 1147-1162.e15.	13.5	276
79	Mutations in Human Accelerated Regions Disrupt Cognition and Social Behavior. Cell, 2016, 167, 341-354.e12.	13.5	280
80	Somatic Mosaicism and Neurological Diseases. , 2016, , 179-199.		7
81	Evolution of Osteocrin as an activity-regulated factor in the primate brain. Nature, 2016, 539, 242-247.	13.7	120
82	Microcephaly Proteins Wdr62 and Aspm Define a Mother Centriole Complex Regulating Centriole Biogenesis, Apical Complex, and Cell Fate. Neuron, 2016, 92, 813-828.	3.8	116
83	Resolving rates of mutation in the brain using single-neuron genomics. ELife, 2016, 5, .	2.8	139
84	A microRNA negative feedback loop downregulates vesicle transport and inhibits fear memory. ELife, 2016, 5, .	2.8	29
85	A novel 2q37 microdeletion containing human neural progenitors genes including STK25 results in severe developmental delay, epilepsy, and microcephaly. American Journal of Medical Genetics, Part A, 2015, 167, 2808-2816.	0.7	9
86	Centriolar satellites assemble centrosomal microcephaly proteins to recruit CDK2 and promote centriole duplication. ELife, 2015, 4, .	2.8	118
87	Single-cell analysis reveals transcriptional heterogeneity of neural progenitors in human cortex. Nature Neuroscience, 2015, 18, 637-646.	7.1	247
88	Cell Lineage Analysis in Human Brain Using Endogenous Retroelements. Neuron, 2015, 85, 49-59.	3.8	234
89	Mammalian target of rapamycin pathway mutations cause hemimegalencephaly and focal cortical dysplasia. Annals of Neurology, 2015, 77, 720-725.	2.8	235
90	Genetic Changes Shaping the Human Brain. Developmental Cell, 2015, 32, 423-434.	3.1	115

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91	Control of a neuronal morphology program by an RNA-binding zinc finger protein, Unkempt. Genes and Development, 2015, 29, 501-512.	2.7	35
92	Loss of PCLO function underlies pontocerebellar hypoplasia type III. Neurology, 2015, 84, 1745-1750.	1.5	45
93	Genomic Variants and Variations in Malformations of Cortical Development. Pediatric Clinics of North America, 2015, 62, 571-585.	0.9	32
94	Insights into Autism Spectrum Disorder Genomic Architecture and Biology from 71 Risk Loci. Neuron, 2015, 87, 1215-1233.	3.8	1,219
95	Somatic mutation in single human neurons tracks developmental and transcriptional history. Science, 2015, 350, 94-98.	6.0	486
96	Targeted DNA Sequencing from Autism Spectrum Disorder Brains Implicates Multiple Genetic Mechanisms. Neuron, 2015, 88, 910-917.	3.8	142
97	A Genome-wide Association Study of Autism Using the Simons Simplex Collection: Does Reducing Phenotypic Heterogeneity in Autism Increase Genetic Homogeneity?. Biological Psychiatry, 2015, 77, 775-784.	0.7	133
98	The Diverse Genetic Landscape of Neurodevelopmental Disorders. Annual Review of Genomics and Human Genetics, 2014, 15, 195-213.	2.5	146
99	Single-Cell, Genome-wide Sequencing Identifies Clonal Somatic Copy-Number Variation in the Human Brain. Cell Reports, 2014, 8, 1280-1289.	2.9	260
100	METTL23, a transcriptional partner of GABPA, is essential for human cognition. Human Molecular Genetics, 2014, 23, 3456-3466.	1.4	47
101	Somatic Mutations in Cerebral Cortical Malformations. New England Journal of Medicine, 2014, 371, 2037-2038.	13.9	18
102	Katanin p80 Regulates Human Cortical Development by Limiting Centriole and Cilia Number. Neuron, 2014, 84, 1240-1257.	3.8	89
103	Reply. Annals of Neurology, 2014, 75, 326-326.	2.8	0
104	POMK mutations disrupt muscle development leading to a spectrum of neuromuscular presentations. Human Molecular Genetics, 2014, 23, 5781-5792.	1.4	72
105	Mutations in QARS, Encoding Glutaminyl-tRNA Synthetase, Cause Progressive Microcephaly, Cerebral-Cerebellar Atrophy, and Intractable Seizures. American Journal of Human Genetics, 2014, 94, 547-558.	2.6	106
106	Evolutionarily Dynamic Alternative Splicing of GPR56 Regulates Regional Cerebral Cortical Patterning. Science, 2014, 343, 764-768.	6.0	238
107	Synaptic, transcriptional and chromatin genes disrupted in autism. Nature, 2014, 515, 209-215.	13.7	2,254
108	Modest Impact on Risk for Autism Spectrum Disorder of Rare Copy Number Variants at 15<scp>q</scp>11.2, Specifically Breakpoints 1 to 2. Autism Research, 2014, 7, 355-362.	2.1	59

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109	CC2D1A Regulates Human Intellectual and Social Function as well as NF-Î²B Signaling Homeostasis. Cell Reports, 2014, 8, 647-655.	2.9	60
110	Somatic Mutations in Cerebral Cortical Malformations. New England Journal of Medicine, 2014, 371, 733-743.	13.9	326
111	Genetic Disorders of Cerebral Cortical Development. , 2013, , 1-26.		0
112	Peter Huttenlocher (1931â€“2013). Nature, 2013, 502, 172-172.	13.7	10
113	Somatic Mutation, Genomic Variation, and Neurological Disease. Science, 2013, 341, 1237758.	6.0	501
114	Delineation of the Clinical, Molecular and Cellular Aspects of Novel JAM 3 Mutations Underlying the Autosomal Recessive Hemorrhagic Destruction of the Brain, Subependymal Calcification, and Congenital Cataracts. Human Mutation, 2013, 34, 498-505.	1.1	30
115	Mutations in B3GALNT2 Cause Congenital Muscular Dystrophy and Hypoglycosylation of Î±-Dystroglycan. American Journal of Human Genetics, 2013, 92, 354-365.	2.6	172
116	Using Whole-Exome Sequencing to Identify Inherited Causes of Autism. Neuron, 2013, 77, 259-273.	3.8	383
117	Isolation of Cerebrospinal Fluid from Rodent Embryos for use with Dissected Cerebral Cortical Explants. Journal of Visualized Experiments, 2013, , e50333.	0.2	12
118	SLC25A22 is a novel gene for migrating partial seizures in infancy. Annals of Neurology, 2013, 74, 873-882.	2.8	102
119	Genetic causes of microcephaly and lessons for neuronal development. Wiley Interdisciplinary Reviews: Developmental Biology, 2013, 2, 461-478.	5.9	199
120	Gâ€protein coupled receptor 56 promotes myoblast fusion through serum response factorâ€and nuclear factor of activated Tâ€cellâ€mediated signalling but is not essential for muscle development inÂvivo. FEBS Journal, 2013, 280, 6097-6113.	2.2	39
121	New innovations: Therapeutic opportunities for intellectual disabilities. Annals of Neurology, 2013, 74, 382-390.	2.8	32
122	Whole-Exome Sequencing and Homozygosity Analysis Implicate Depolarization-Regulated Neuronal Genes in Autism. PLoS Genetics, 2012, 8, e1002635.	1.5	164
123	Impact of PNKP mutations associated with microcephaly, seizures and developmental delay on enzyme activity and DNA strand break repair. Nucleic Acids Research, 2012, 40, 6608-6619.	6.5	62
124	Homozygous PLCB1 deletion associated with malignant migrating partial seizures in infancy. Epilepsia, 2012, 53, e146-50.	2.6	104
125	CHMP1A encodes an essential regulator of BMI1-INK4A in cerebellar development. Nature Genetics, 2012, 44, 1260-1264.	9.4	91
126	Microcephaly Gene Links Trithorax and REST/NRSF to Control Neural Stem Cell Proliferation and Differentiation. Cell, 2012, 151, 1097-1112.	13.5	153

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127	Molecular Basis for Specific Regulation of Neuronal Kinesin-3 Motors by Doublecortin Family Proteins. Molecular Cell, 2012, 47, 707-721.	4.5	116
128	Somatic Activation of AKT3 Causes Hemispheric Developmental Brain Malformations. Neuron, 2012, 74, 41-48.	3.8	413
129	Single-Neuron Sequencing Analysis of L1 Retrotransposition and Somatic Mutation in the Human Brain. Cell, 2012, 151, 483-496.	13.5	500
130	Exome Sequencing and Functional Validation in Zebrafish Identify GTDC2 Mutations as a Cause of Walker-Warburg Syndrome. American Journal of Human Genetics, 2012, 91, 541-547.	2.6	167
131	Neurogenesis at the Brainâ€“Cerebrospinal Fluid Interface. Annual Review of Cell and Developmental Biology, 2011, 27, 653-679.	4.0	175
132	What disorders of cortical development tell us about the cortex: one plus one does not always make two. Current Opinion in Genetics and Development, 2011, 21, 333-339.	1.5	151
133	The Cerebrospinal Fluid Provides a Proliferative Niche for Neural Progenitor Cells. Neuron, 2011, 69, 893-905.	3.8	543
134	Multiple Recurrent De Novo CNVs, Including Duplications of the 7q11.23 Williams Syndrome Region, Are Strongly Associated with Autism. Neuron, 2011, 70, 863-885.	3.8	1,146
135	Human Mutations in NDE1 Cause Extreme Microcephaly with Lissencephaly. American Journal of Human Genetics, 2011, 88, 536-547.	2.6	196
136	Response to â€œThe Role of Cytomegalovirus in Schizencephalyâ€•by Spalice et al.. American Journal of Medical Genetics, Part A, 2011, 155, 1769-1769.	0.7	0
137	A Homozygous Mutation in the Tight-Junction Protein JAM3 Causes Hemorrhagic Destruction of the Brain, Subependymal Calcification, and Congenital Cataracts. American Journal of Human Genetics, 2010, 87, 882-889.	2.6	87
138	Mutation in PQBP1 is associated with periventricular heterotopia. American Journal of Medical Genetics, Part A, 2010, 152A, 2888-2890.	0.7	16
139	Deletions of NRXN1 (neurexinâ€1) predispose to a wide spectrum of developmental disorders. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 937-947.	1.1	217
140	Developmental and degenerative features in a complicated spastic paraplegia. Annals of Neurology, 2010, 67, 516-525.	2.8	31
141	Rare genetic causes of lissencephaly may implicate microtubule-based transport in the pathogenesis of cortical dysplasias. Epilepsia, 2010, 51, 67-67.	2.6	3
142	Mutations in PNKP cause microcephaly, seizures and defects in DNA repair. Nature Genetics, 2010, 42, 245-249.	9.4	268
143	Mutations in WDR62, encoding a centrosome-associated protein, cause microcephaly with simplified gyri and abnormal cortical architecture. Nature Genetics, 2010, 42, 1015-1020.	9.4	259
144	The exon junction complex component Magoh controls brain size by regulating neural stem cell division. Nature Neuroscience, 2010, 13, 551-558.	7.1	156

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145	The Apical Complex Couples Cell Fate and Cell Survival to Cerebral Cortical Development. Neuron, 2010, 66, 69-84.	3.8	97
146	Cux1 and Cux2 Regulate Dendritic Branching, Spine Morphology, and Synapses of the Upper Layer Neurons of the Cortex. Neuron, 2010, 66, 523-535.	3.8	247
147	Allelic Diversity in Human Developmental Neurogenetics: Insights into Biology and Disease. Neuron, 2010, 68, 245-253.	3.8	53
148	Clinical Genetic Testing for Patients With Autism Spectrum Disorders. Pediatrics, 2010, 125, e727-e735.	1.0	339
149	Cdk5rap2 regulates centrosome function and chromosome segregation in neuronal progenitors. Development (Cambridge), 2010, 137, 1907-1917.	1.2	233
150	Detecting natural selection by empirical comparison to random regions of the genome. Human Molecular Genetics, 2009, 18, 4853-4867.	1.4	27
151	Disruption of neural progenitors along the ventricular and subventricular zones in periventricular heterotopia. Human Molecular Genetics, 2009, 18, 497-516.	1.4	169
152	Bilateral frontoparietal polymicrogyria, Lennoxâ€Gastaut syndrome, and GPR56 gene mutations. Epilepsia, 2009, 50, 1344-1353.	2.6	46
153	Transcription factor Lmo4 defines the shape of functional areas in developing cortices and regulates sensorimotor control. Developmental Biology, 2009, 327, 132-142.	0.9	34
154	Ethnically diverse causes of Walker-Warburg syndrome (WWS):FCMDmutations are a more common cause of WWS outside of the Middle East. Human Mutation, 2008, 29, E231-E241.	1.1	67
155	Consistent chromosome abnormalities identify novel polymicrogyria loci in 1p36.3, 2p16.1â€“p23.1, 4q21.21â€“q22.1, 6q26â€“q27, and 21q2. American Journal of Medical Genetics, Part A, 2008, 146A, 1637-1654.	0.7	93
156	Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry. Science, 2008, 321, 218-223.	6.0	688
157	Association between Microdeletion and Microduplication at 16p11.2 and Autism. New England Journal of Medicine, 2008, 358, 667-675.	13.9	1,476
158	Autism and Brain Development. Cell, 2008, 135, 396-400.	13.5	175
159	GPR56 Regulates Pial Basement Membrane Integrity and Cortical Lamination. Journal of Neuroscience, 2008, 28, 5817-5826.	1.7	209
160	Identification of Neural Outgrowth Genes using Genome-Wide RNAi. PLoS Genetics, 2008, 4, e1000111.	1.5	85
161	Cux-2 Controls the Proliferation of Neuronal Intermediate Precursors of the Cortical Subventricular Zone. Cerebral Cortex, 2008, 18, 1758-1770.	1.6	96
162	Lis1â€“Nde1-dependent neuronal fate control determines cerebral cortical size and lamination. Human Molecular Genetics, 2008, 17, 2441-2455.	1.4	73

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163	Reelin/Dab1 Signaling in the Developing Cerebral Cortex. , 2008, , 89-105.		4
164	Microcephalies and DNA Repair. , 2008, , 109-120.		0
165	Disease-associated mutations affect GPR56 protein trafficking and cell surface expression. Human Molecular Genetics, 2007, 16, 1972-1985.	1.4	109
166	Both Doublecortin and Doublecortin-Like Kinase Play a Role in Cortical Interneuron Migration. Journal of Neuroscience, 2007, 27, 3875-3883.	1.7	133
167	Doublecortin is expressed in articular chondrocytes. Biochemical and Biophysical Research Communications, 2007, 363, 694-700.	1.0	23
168	A Comparative Proteomic Analysis of Human and Rat Embryonic Cerebrospinal Fluid. Journal of Proteome Research, 2007, 6, 3537-3548.	1.8	118
169	A 2-Mb critical region implicated in the microcephaly associated with terminal 1q deletion syndrome. American Journal of Medical Genetics, Part A, 2007, 143A, 1692-1698.	0.7	62
170	A novel form of lethal microcephaly with simplified gyral pattern and brain stem hypoplasia. American Journal of Medical Genetics, Part A, 2007, 143A, 2761-2767.	0.7	20
171	The role ofRELN in lissencephaly and neuropsychiatric disease. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 58-63.	1.1	63
172	Insights into the gyrification of developing ferret brain by magnetic resonance imaging. Journal of Anatomy, 2007, 210, 66-77.	0.9	88
173	Brain Evolution and Uniqueness in the Human Genome. Cell, 2006, 126, 1033-1035.	13.5	21
174	Genetic Interactions between Doublecortin and Doublecortin-like Kinase in Neuronal Migration and Axon Outgrowth. Neuron, 2006, 49, 41-53.	3.8	263
175	Molecular approaches to brain asymmetry and handedness. Nature Reviews Neuroscience, 2006, 7, 655-662.	4.9	287
176	Neocortical neuronal arrangement in Miller Dieker syndrome. Acta Neuropathologica, 2006, 111, 489-496.	3.9	22
177	Periventricular nodular heterotopia and Williams syndrome. American Journal of Medical Genetics, Part A, 2006, 140A, 1305-1311.	0.7	45
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