

Synaptic, transcriptional and chromatin genes disrupted

Nature

515, 209-215

DOI: [10.1038/nature13772](https://doi.org/10.1038/nature13772)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Somatic Mosaicism in the Human Genome. <i>Genes</i> , 2014, 5, 1064-1094.	1.0	122
2	Developmental mechanism of the periodic membrane skeleton in axons. <i>ELife</i> , 2014, 3, .	2.8	199
4	Astrocytes refine cortical connectivity at dendritic spines. <i>ELife</i> , 2014, 3, .	2.8	139
5	Targeted massively parallel sequencing of autism spectrum disorder-associated genes in a case control cohort reveals rare loss-of-function risk variants. <i>Molecular Autism</i> , 2015, 6, 43.	2.6	57
6	Genetic research in autism spectrum disorders. <i>Current Opinion in Pediatrics</i> , 2015, 27, 685-691.	1.0	54
7	Network assisted analysis to reveal the genetic basis of autism. <i>Annals of Applied Statistics</i> , 2015, 9, 1571-1600.	0.5	43
8	Cell cycle networks link gene expression dysregulation, mutation, and brain maldevelopment in autistic toddlers. <i>Molecular Systems Biology</i> , 2015, 11, 841.	3.2	78
9	Smoking Gun or Circumstantial Evidence? Comparison of Statistical Learning Methods using Functional Annotations for Prioritizing Risk Variants. <i>Scientific Reports</i> , 2015, 5, 13373.	1.6	7
11	Translational Mouse Models of Autism: Advancing Toward Pharmacological Therapeutics. <i>Current Topics in Behavioral Neurosciences</i> , 2015, 28, 1-52.	0.8	100
12	CRISPR/Cas9-mediated heterozygous knockout of the autism gene CHD8 and characterization of its transcriptional networks in neurodevelopment. <i>Molecular Autism</i> , 2015, 6, 55.	2.6	135
13	Elevated CaMKII β and Hyperphosphorylation of Homer Mediate Circuit Dysfunction in a Fragile X Syndrome Mouse Model. <i>Cell Reports</i> , 2015, 13, 2297-2311.	2.9	51
14	Investigation of sex differences in the expression of RORA and its transcriptional targets in the brain as a potential contributor to the sex bias in autism. <i>Molecular Autism</i> , 2015, 6, 7.	2.6	68
15	Delineation of New Disorders and Phenotypic Expansion of Known Disorders Through Whole Exome Sequencing. <i>Current Genetic Medicine Reports</i> , 2015, 3, 209-218.	1.9	2
16	Autism diagnosis differentiates neurophysiological responses to faces in adults with tuberous sclerosis complex. <i>Journal of Neurodevelopmental Disorders</i> , 2015, 7, 33.	1.5	18
17	Significant neuronal soma volume deficit in the limbic system in subjects with 15q11.2-q13 duplications. <i>Acta Neuropathologica Communications</i> , 2015, 3, 63.	2.4	11
18	Autism and inborn errors of metabolism: how much is enough?. <i>Developmental Medicine and Child Neurology</i> , 2015, 57, 788-789.	1.1	9
19	Rare variants in β -aminobutyric acid type A receptor genes in rolandic epilepsy and related syndromes. <i>Annals of Neurology</i> , 2015, 77, 972-986.	2.8	51
20	Regulation of Postsynaptic Stability by the L-type Calcium Channel Ca _v 1.3 and its Interaction with PDZ Proteins. <i>Current Molecular Pharmacology</i> , 2015, 8, 95-101.	0.7	24

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21	Article Commentary: The Pivotal Role of Aldehyde Toxicity in Autism Spectrum Disorder: The Therapeutic Potential of Micronutrient Supplementation. <i>Nutrition and Metabolic Insights</i> , 2015, 8s1, NMI.S29531.	0.8	6
22	New Therapeutic Options for Autism Spectrum Disorder: Experimental Evidences. <i>Experimental Neurobiology</i> , 2015, 24, 301-311.	0.7	13
23	Sequence of Molecular Events during the Maturation of the Developing Mouse Prefrontal Cortex. <i>Molecular Neuropsychiatry</i> , 2015, 1, 94-104.	3.0	15
25	Moving from capstones toward cornerstones: successes and challenges in applying systems biology to identify mechanisms of autism spectrum disorders. <i>Frontiers in Genetics</i> , 2015, 6, 301.	1.1	14
26	Cell-type-specific tuning of Cav1.3 Ca ²⁺ -channels by a C-terminal automodulatory domain. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 309.	1.8	41
27	Regulatory domain or CpG site variation in SLC12A5, encoding the chloride transporter KCC2, in human autism and schizophrenia. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 386.	1.8	86
28	Characterizing autism spectrum disorders by key biochemical pathways. <i>Frontiers in Neuroscience</i> , 2015, 9, 313.	1.4	55
29	Brain-specific transcriptional regulator T-brain-1 controls brain wiring and neuronal activity in autism spectrum disorders. <i>Frontiers in Neuroscience</i> , 2015, 9, 406.	1.4	41
30	Mutations and Modeling of the Chromatin Remodeler CHD8 Define an Emerging Autism Etiology. <i>Frontiers in Neuroscience</i> , 2015, 9, 477.	1.4	90
31	Approaching motor and language deficits in autism from below: a biolinguistic perspective. <i>Frontiers in Integrative Neuroscience</i> , 2015, 9, 25.	1.0	7
32	Pharmacology of L-type Calcium Channels: Novel Drugs for Old Targets?. <i>Current Molecular Pharmacology</i> , 2015, 8, 110-122.	0.7	107
33	Functional Impact and Evolution of a Novel Human Polymorphic Inversion That Disrupts a Gene and Creates a Fusion Transcript. <i>PLoS Genetics</i> , 2015, 11, e1005495.	1.5	22
34	Dissecting Allele Architecture of Early Onset IBD Using High-Density Genotyping. <i>PLoS ONE</i> , 2015, 10, e0128074.	1.1	35
35	Integrative Transcriptome Profiling of Cognitive Aging and Its Preservation through Ser/Thr Protein Phosphatase Regulation. <i>PLoS ONE</i> , 2015, 10, e0130891.	1.1	4
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37	Possible functional links among brain- and skull-related genes selected in modern humans. <i>Frontiers in Psychology</i> , 2015, 6, 794.	1.1	58
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39	Annual Research Review: The (epi)genetics of neurodevelopmental disorders in the era of whole-genome sequencing "unveiling the dark matter". <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 278-295.	3.1	47

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40	Exogenous and evoked oxytocin restores social behavior in the <i>Cntnap2</i> mouse model of autism. <i>Science Translational Medicine</i> , 2015, 7, 271ra8.	5.8	308
41	Hijacked in cancer: the KMT2 (MLL) family of methyltransferases. <i>Nature Reviews Cancer</i> , 2015, 15, 334-346.	12.8	486
42	The GABAA Receptor as a Therapeutic Target for Neurodevelopmental Disorders. <i>Neuron</i> , 2015, 86, 1119-1130.	3.8	261
43	Autism-like Deficits in Shank3-Deficient Mice Are Rescued by Targeting Actin Regulators. <i>Cell Reports</i> , 2015, 11, 1400-1413.	2.9	245
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55	Detection and phasing of single base de novo mutations in biopsies from human in vitro fertilized embryos by advanced whole-genome sequencing. <i>Genome Research</i> , 2015, 25, 426-434.	2.4	49
56	Whole-genome sequencing of quartet families with autism spectrum disorder. <i>Nature Medicine</i> , 2015, 21, 185-191.	15.2	457
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66	Challenges in essential tremor genetics. <i>Revue Neurologique</i> , 2015, 171, 466-474.	0.6	30
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125	Developing Medications Targeting Glutamatergic Dysfunction in Autism: Progress to Date. <i>CNS Drugs</i> , 2015, 29, 453-463.	2.7	24
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1923	Genetic Engineering of Nonhuman Primate Models for Studying Neurodevelopmental Disorders. Neuromethods, 2022, , 235-262.	0.2	0
1924	Implications of cell adhesion molecules in autism spectrum disorder pathogenesis. Journal of Microscopy and Ultrastructure, 2022, .	0.1	0
1925	The trilateral interactions between mammalian target of rapamycin (mTOR) signaling, the circadian clock, and psychiatric disorders: an emerging model. Translational Psychiatry, 2022, 12, .	2.4	14
1928	Specific contribution of Reelin expressed by Cajalâ€Retzius cells or GABAergic interneurons to cortical lamination. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	10
1929	Identification of shared and differentiating genetic architecture for autism spectrum disorder, attention-deficit hyperactivity disorder and case subgroups. Nature Genetics, 2022, 54, 1470-1478.	9.4	23
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1933	Mechanisms Underlying Circuit Dysfunction in Neurodevelopmental Disorders. Annual Review of Genetics, 2022, 56, 391-422.	3.2	12
1935	de novo variant calling identifies cancer mutation signatures in the 1000 Genomes Project. Human Mutation, 2022, 43, 1979-1993.	1.1	9
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1947	Tissue-wide cell-specific proteogenomic modeling reveals novel candidate risk genes in autism spectrum disorders. <i>Npj Systems Biology and Applications</i> , 2022, 8, .	1.4	5
1948	Modeling human telencephalic development and autism-associated SHANK3 deficiency using organoids generated from single neural rosettes. <i>Nature Communications</i> , 2022, 13, .	5.8	30
1949	Tissue- and cell-type-specific molecular and functional signatures of 16p11.2 reciprocal genomic disorder across mouse brain and human neuronal models. <i>American Journal of Human Genetics</i> , 2022, 109, 1789-1813.	2.6	13
1950	Cross Talk proposal: The kids will be fine: parental stress rodent models are good for assessing influences on human neurobiology. <i>Journal of Physiology</i> , 2022, 600, 4409-4411.	1.3	0
1951	KnockoffTrio: A knockoff framework for the identification of putative causal variants in genome-wide association studies with trio design. <i>American Journal of Human Genetics</i> , 2022, 109, 1761-1776.	2.6	0
1953	Neurobiological insights into twice-exceptionality: Circuits, cells, and molecules. <i>Neurobiology of Learning and Memory</i> , 2022, 195, 107684.	1.0	2
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1955	A Gene Set-Integrated Approach for Predicting Disease-Associated Genes. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2023, 20, 3440-3450.	1.9	0
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1962	NRSF/REST lies at the intersection between epigenetic regulation, miRNA-mediated gene control and neurodevelopmental pathways associated with Intellectual disability (ID) and Schizophrenia. <i>Translational Psychiatry</i> , 2022, 12, .	2.4	2
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1965	Mast Cell Cytokines in Acute and Chronic Gingival Tissue Inflammation: Role of IL-33 and IL-37. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13242.	1.8	3
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1968	De novo mutations within metabolism networks of amino acid/protein/energy in Chinese autistic children with intellectual disability. <i>Human Genomics</i> , 2022, 16, .	1.4	5

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1975	Estimating the Prevalence of De Novo Monogenic Neurodevelopmental Disorders from Large Cohort Studies. Biomedicines, 2022, 10, 2865.	1.4	5
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1978	Biallelic variants in HECT E3 paralogs, HECTD4 and <i>UBE3C</i> , encoding ubiquitin ligases cause neurodevelopmental disorders that overlap with Angelman syndrome. Genetics in Medicine, 2023, 25, 100323.	1.1	3
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1987	Neuron-specific protein network mapping of autism risk genes identifies shared biological mechanisms and disease-relevant pathologies. Cell Reports, 2022, 41, 111678.	2.9	17

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1998	In Search of Biomarkers to Guide Interventions in Autism Spectrum Disorder: A Systematic Review. <i>American Journal of Psychiatry</i> , 2023, 180, 23-40.	4.0	24
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2001	Epigenomic signatures reveal mechanistic clues and predictive markers for autism spectrum disorder. <i>Molecular Psychiatry</i> , 2023, 28, 1890-1901.	4.1	10
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2003	Autism Spectrum Disorder: Neurodevelopmental Risk Factors, Biological Mechanism, and Precision Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1819.	1.8	24
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2005	Placental DNA methylation profile as predicting marker for autism spectrum disorder (ASD). <i>Molecular Medicine</i> , 2023, 29, .	1.9	5
2006	New insights from the last decade of research in psychiatric genetics: discoveries, challenges and clinical implications. <i>World Psychiatry</i> , 2023, 22, 4-24.	4.8	38
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2010	A transcription factor atlas of directed differentiation. <i>Cell</i> , 2023, 186, 209-229.e26.	13.5	45

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2036	Independent Associated SNPs at SORCS3 and Its Protein Interactors for Multiple Brain-Related Disorders and Traits. <i>Genes</i> , 2023, 14, 482.	1.0	3
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2044	EVL and MIM/MTSS1 regulate actin cytoskeletal remodeling to promote dendritic filopodia in neurons. <i>Journal of Cell Biology</i> , 2023, 222, .	2.3	4
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2047	Identification of de novo Mutations in the Chinese Autism Spectrum Disorder Cohort via Whole-Exome Sequencing Unveils Brain Regions Implicated in Autism. <i>Neuroscience Bulletin</i> , 2023, 39, 1469-1480.	1.5	4

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2066	Assessment of vulnerability dimensions considering Family History and environmental interplay in Autism Spectrum Disorder. <i>BMC Psychiatry</i> , 2023, 23, .	1.1	1
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2121	Implementation of Robots in Autism Spectrum Disorder Research: Diagnosis and Emotion Recognition and Expression. , 2023, , .		1
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2162	Neurobiology of Autism Spectrum Disorder. , 2023, , 1-38.		0
2163	Inheritance of Neurological Disorders. , 2023, , 265-274.		0
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2183	Rare genetic brain disorders with overlapping neurological and psychiatric phenotypes. <i>Nature Reviews Neurology</i> , 2024, 20, 7-21.	4.9	1
2219	Epigenetics of autism spectrum disorder. , 2024, , 81-102.		0
2233	Prenatal and Early Life Environmental Stressors: Chemical Moieties Responsible for the Development of Autism Spectrum Disorder. , 2023, , 37-74.		0
2234	Genes and their Involvement in the Pathogenesis of Autism Spectrum Disorder: Insights from Earlier Genetic Studies. , 2023, , 375-415.		0