Eric M Morrow

List of Publications by Year
in descending order

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91 papers	12,784 citations	87723 38 h-index	53109 85 g-index
95 all docs	95 docs citations	95 times ranked	17569 citing authors

#	Article	IF	Citations
1	Moderators of Age of Diagnosis inâ€‰>â€‰20,000 Females with Autism in Two Large US Studies. Journal of Autism and Developmental Disorders, 2023, 53, 864-869.	1.7	11
2	Mitochondrial enzyme GPT2 regulates metabolic mechanisms required for neuron growth and motor functionin vivo. Human Molecular Genetics, 2022, 31, 587-603.	1.4	5
3	Early lysosome defects precede neurodegeneration with amyloid-Î² and tau aggregation in NHE6-null rat brain. Brain, 2022, 145, 3187-3202.	3.7	14
4	Parental age and autism severity in the Rhode Island Consortium for Autism Research and Treatment (<scp>RIâ€CART</scp>) study. Autism Research, 2022, 15, 86-92.	2.1	1
5	Human neurons from Christianson syndrome iPSCs reveal mutation-specific responses to rescue strategies. Science Translational Medicine, 2021, 13, .	5.8	21
6	Generation of pathogenic TPP1 mutations in human stem cells as a model for neuronal ceroid lipofuscinosis type 2 disease. Stem Cell Research, 2021, 53, 102323.	0.3	6
7	Human iPSC lines from a Christianson syndrome patient with NHE6 W523X mutation, a biologically-related control, and CRISPR/Cas9 gene-corrected isogenic controls. Stem Cell Research, 2021, 54, 102435.	0.3	3
8	Loss of Christianson Syndrome Na⁺/H⁺Exchanger 6 (NHE6) Causes Abnormal Endosome Maturation and Trafficking Underlying Lysosome Dysfunction in Neurons. Journal of Neuroscience, 2021, 41, 9235-9256.	1.7	26
9	Early Human Postnatal Brain Development Through the Lens of Rare Genetic Disorders. Biological Psychiatry, 2021, 90, 281-282.	0.7	0
10	Autism severity aggregates with family psychiatric history in a <scp>communityâ€based</scp> autism sample. Autism Research, 2021, 14, 2524-2532.	2.1	5
11	Paternal sperm DNA mosaicism and recurrence risk of autism in families. Nature Medicine, 2020, 26, 26-28.	15.2	11
12	Homozygous deletions implicate non-coding epigenetic marks in Autism spectrum disorder. Scientific Reports, 2020, 10, 14045.	1.6	12
13	Clinical Genetic Testing in Autism Spectrum Disorder in a Large Community-Based Population Sample. JAMA Psychiatry, 2020, 77, 979.	6.0	31
14	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
15	Autism Heterogeneity in a Densely Sampled U.S. Population: Results From the First 1,000 Participants in the RIâ€CART Study. Autism Research, 2020, 13, 474-488.	2.1	33
16	Longitudinal MRI findings in patient with SLC25A12 pathogenic variants inform disease progression and classification. American Journal of Medical Genetics, Part A, 2019, 179, 2284-2291.	0.7	14
17	Mitochondrial Function in 22q11 Deletion Syndrome. Neuron, 2019, 102, 1089-1091.	3.8	4
18	GPT2 mutations in autosomal recessive developmental disability: extending the clinical phenotype and population prevalence estimates. Human Genetics, 2019, 138, 1183-1200.	1.8	6

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19	Complex Neurological Phenotype in Female Carriers of <i>NHE6</i> Mutations. Molecular Neuropsychiatry, 2019, 5, 98-108.	3.0	10
20	Clinical Presentation of a Complex Neurodevelopmental Disorder Caused by Mutations in ADNP. Biological Psychiatry, 2019, 85, 287-297.	0.7	108
21	Functional Assessment In Vivo of the Mouse Homolog of the Human Ala-9-Ser NHE6 Variant. ENeuro, 2019, 6, ENEURO.0046-19.2019.	0.9	10
22	Predictors of Inpatient Psychiatric Hospitalization for Children and Adolescents with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2018, 48, 3647-3657.	1.7	40
23	Characterization of Medication Use in a Multicenter Sample of Pediatric Inpatients with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2018, 48, 3711-3719.	1.7	13
24	The Role of Mitochondrial Glutamate Metabolism in Cognitive Development and Disease. Neuropsychopharmacology, 2018, 43, 229-230.	2.8	0
25	Strong correlation of downregulated genes related to synaptic transmission and mitochondria in post-mortem autism cerebral cortex. Journal of Neurodevelopmental Disorders, 2018, 10, 18.	1.5	51
26	Genetic control of postnatal human brain growth. Current Opinion in Neurology, 2017, 30, 114-124.	1.8	80
27	Brief Report: Factors Influencing Healthcare Satisfaction in Adults with Autism Spectrum Disorder. Journal of Autism and Developmental Disorders, 2017, 47, 1896-1903.	1.7	14
28	Live-cell Microscopy and Fluorescence-based Measurement of Luminal pH in Intracellular Organelles. Frontiers in Cell and Developmental Biology, 2017, 5, 71.	1.8	63
29	Mixed Neurodevelopmental and Neurodegenerative Pathology in Nhe6-Null Mouse Model of Christianson Syndrome. ENeuro, 2017, 4, ENEURO.0388-17.2017.	0.9	23
30	Graph Metrics of Structural Brain Networks in Individuals with Schizophrenia and Healthy Controls: Group Differences, Relationships with Intelligence, and Genetics. Journal of the International Neuropsychological Society, 2016, 22, 240-249.	1.2	49
31	Mutations in mitochondrial enzyme GPT2 cause metabolic dysfunction and neurological disease with developmental and progressive features. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5598-607.	3.3	51
32	Modeling developmental neuropsychiatric disorders with iPSC technology: challenges and opportunities. Current Opinion in Neurobiology, 2016, 36, 66-73.	2.0	29
33	ISDN2014_0077: REMOVED: Novel endosomal mechanisms in human axonal growth mediated by Christianson syndrome protein NHE6. International Journal of Developmental Neuroscience, 2015, 47, 20-20.	0.7	0
34	Risk assessment models in genetics clinic for array comparative genomic hybridization: Clinical information can be used to predict the likelihood of an abnormal result in patients. Journal of Pediatric Genetics, 2015, 02, 025-031.	0.3	2
35	Quantifying the Effects of Rare Variants in Pedigrees. JAMA Psychiatry, 2015, 72, 106.	6.0	2
36	Creating Patient-Specific Neural Cells for the InÂVitro Study of Brain Disorders. Stem Cell Reports, 2015, 5, 933-945.	2.3	72

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37	Discovery of Rare Mutations in Autism: Elucidating Neurodevelopmental Mechanisms. Neurotherapeutics, 2015, 12, 553-571.	2.1	21
38	Insights into Autism Spectrum Disorder Genomic Architecture and Biology from 71 Risk Loci. Neuron, 2015, 87, 1215-1233.	3.8	1,219
39	Female Autism Phenotypes Investigated at Different Levels of Language and Developmental Abilities. Journal of Autism and Developmental Disorders, 2015, 45, 3537-3549.	1.7	50
40	The autism inpatient collection: methods and preliminary sample description. Molecular Autism, 2015, 6, 61.	2.6	51
41	Uncovering a Role for SK2 in Angelman Syndrome. Cell Reports, 2015, 12, 359-360.	2.9	4
42	MicroRNAs in Copy Number Variants in Schizophrenia: Misregulation of Genome-wide Gene Expression Programs. Biological Psychiatry, 2015, 77, 93-94.	0.7	4
43	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
44	Observation-centered Approach to ASD Assessment in Tanzania. Intellectual and Developmental Disabilities, 2014, 52, 330-347.	0.6	17
45	Expansion of the clinical phenotype associated with mutations inactivity-dependent neuroprotective protein. Journal of Medical Genetics, 2014, 51, 587-589.	1.5	28
46	Genetic and phenotypic diversity of <scp>NHE</scp>6 mutations in <scp>C</scp>hristianson syndrome. Annals of Neurology, 2014, 76, 581-593.	2.8	73
47	The association between epilepsy and autism symptoms and maladaptive behaviors in children with autism spectrum disorder. Autism, 2014, 18, 996-1006.	2.4	58
48	Executive Function in Probands With Autism With Average IQ and Their Unaffected First-Degree Relatives. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 1001-1009.	0.3	51
49	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
50	Inaugural Christianson Syndrome Association conference: families meeting for the first time. Journal of Neurodevelopmental Disorders, 2014, 6, 13.	1.5	1
51	Genetic influences on cognitive endophenotypes in schizophrenia. Schizophrenia Research, 2014, 156, 71-75.	1.1	14
52	Ascertainment and Gender in Autism Spectrum Disorders. Journal of the American Academy of Child and Adolescent Psychiatry, 2014, 53, 698-700.	0.3	10
53	Tractatus: An Exact and Subquadratic Algorithm for Inferring Identical-by-Descent Multi-shared Haplotype Tracts. Lecture Notes in Computer Science, 2014, , 1-17.	1.0	0
54	The Rhode Island Consortium for Autism Research and Treatment (RI-CART): a new statewide autism collaborative. Rhode Island Medical Journal (2013), 2014, 97, 31-4.	0.2	4

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55	Intellectual Disability Is Associated with Increased Runs of Homozygosity in Simplex Autism. American Journal of Human Genetics, 2013, 93, 103-109.	2.6	63
56	An unbalanced translocation involving loss of 10q26.2 and gain of 11q25 in a pedigree with autism spectrum disorder and cerebellar juvenile pilocytic astrocytoma. American Journal of Medical Genetics, Part A, 2013, 161, 787-791.	0.7	25
57	Adjusting Head Circumference for Covariates in Autism: Clinical Correlates of a Highly Heritable Continuous Trait. Biological Psychiatry, 2013, 74, 576-584.	0.7	70
58	Genetic relationship between five psychiatric disorders estimated from genome-wide SNPs. Nature Genetics, 2013, 45, 984-994.	9.4	2,067
59	SFARI Gene 2.0: a community-driven knowledgebase for the autism spectrum disorders (ASDs). Molecular Autism, 2013, 4, 36.	2.6	632
60	Christianson Syndrome Protein NHE6 Modulates TrkB Endosomal Signaling Required for Neuronal Circuit Development. Neuron, 2013, 80, 97-112.	3.8	127
61	The Impact of Copy Number Deletions on General Cognitive Ability and Ventricle Size in Patients with Schizophrenia and Healthy Control Subjects. Biological Psychiatry, 2013, 73, 540-545.	0.7	19
62	Distribution of Disease-Associated Copy Number Variants Across Distinct Disorders of Cognitive Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2013, 52, 414-430.e14.	0.3	28
63	Using Whole-Exome Sequencing to Identify Inherited Causes of Autism. Neuron, 2013, 77, 259-273.	3.8	383
64	Clinical Characteristics of Children with Autism Spectrum Disorder and Co-Occurring Epilepsy. PLoS ONE, 2013, 8, e67797.	1.1	186
65	Further clinical and molecular delineation of the 15q24 microdeletion syndrome. Journal of Medical Genetics, 2012, 49, 110-118.	1.5	40
66	DELISHUS: an efficient and exact algorithm for genome-wide detection of deletion polymorphism in autism. Bioinformatics, 2012, 28, i154-i162.	1.8	3
67	Methods for Study of Neuronal Morphogenesis: Ex vivo RNAi Electroporation in Embryonic Murine Cerebral Cortex. Journal of Visualized Experiments, 2012, , e3621.	0.2	5
68	Genome-wide transcriptome analysis in murine neural retina using high-throughput RNA sequencing. Genomics, 2012, 99, 44-51.	1.3	36
69	Common genetic variants, acting additively, are a major source of risk for autism. Molecular Autism, 2012, 3, 9.	2.6	357
70	A novel familial 11p15.4 microduplication associated with intellectual disability, dysmorphic features, and obesity with involvement of the ZNF214 gene. American Journal of Medical Genetics, Part A, 2012, 158A, 50-58.	0.7	19
71	Lighting a path: genetic studies pinpoint neurodevelopmental mechanisms in autism and related disorders. Dialogues in Clinical Neuroscience, 2012, 14, 239-52.	1.8	15
72	Lighting a path: genetic studies pinpoint neurodevelopmental mechanisms in autism and related disorders. Dialogues in Clinical Neuroscience, 2012, 14, 239-252.	1.8	23

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73	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
74	Genetics in autism diagnosis: adding molecular subtypes to neurobehavioral diagnoses. Medicine and Health, Rhode Island, 2011, 94, 124-6.	0.1	7
75	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
76	Genomic Copy Number Variation in Disorders of Cognitive Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 1091-1104.	0.3	15
77	The COMT Val108/158Met polymorphism and medial temporal lobe volumetry in patients with schizophrenia and healthy adults. NeuroImage, 2010, 53, 992-1000.	2.1	70
78	Genomic Copy Number Variation in Disorders of Cognitive Development. Journal of the American Academy of Child and Adolescent Psychiatry, 2010, 49, 1091-1104.	0.3	106
79	Temporal order of bipolar cell genesis in the neural retina. Neural Development, 2008, 3, 2.	1.1	65
80	Identifying Autism Loci and Genes by Tracing Recent Shared Ancestry. Science, 2008, 321, 218-223.	6.0	688
81	Sequence analysis of P21-activated kinase 3 (PAK3) in chronic schizophrenia with cognitive impairment. Schizophrenia Research, 2008, 106, 265-267.	1.1	14
82	Autism and Brain Development. Cell, 2008, 135, 396-400.	13.5	175
83	BK_{ca}Channel in Autism and Mental Retardation. American Journal of Psychiatry, 2007, 164, 977-978.	4.0	6
84	Postictal psychosis: presymptomatic risk factors and the need for further investigation of genetics and pharmacotherapy. Annals of General Psychiatry, 2006, 5, 9.	1.2	13
85	Introduction. Harvard Review of Psychiatry, 2006, 14, 45-46.	0.9	0
86	Synaptogenesis and outer segment formation are perturbed in the neural retina of Crx mutant mice. BMC Neuroscience, 2005, 6, 5.	0.8	69
87	rax, Hes1, and notch1 Promote the Formation of MÃ¼ller Glia by Postnatal Retinal Progenitor Cells. Neuron, 2000, 26, 383-394.	3.8	482
88	Retinopathy and attenuated circadian entrainment in Crx-deficient mice. Nature Genetics, 1999, 23, 466-470.	9.4	476
89	Vertebrate photoreceptor cell development and disease. Trends in Cell Biology, 1998, 8, 353-358.	3.6	93
90	Two Phases of Rod Photoreceptor Differentiation during Rat Retinal Development. Journal of Neuroscience, 1998, 18, 3738-3748.	1.7	151

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91	Crx, a Novel otx-like Homeobox Gene, Shows Photoreceptor-Specific Expression and Regulates Photoreceptor Differentiation. Cell, 1997, 91, 531-541.	13.5	822