

# Jacob Ellegood

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7901099/jacob-ellegood-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77  
papers

2,509  
citations

28  
h-index

49  
g-index

94  
ext. papers

3,593  
ext. citations

9.5  
avg. IF

4.79  
L-index

#	Paper	IF	Citations
77	haploinsufficiency causes desynchronized growth of brain areas involved in sensory processing.. <i>IScience</i> , <b>2022</b> , 25, 103796	6.1	1
76	Multiple-mouse magnetic resonance imaging with cryogenic radiofrequency probes for evaluation of brain development.. <i>NeuroImage</i> , <b>2022</b> , 252, 119008	7.9	1
75	Examining the effect of chronic intranasal oxytocin administration on the neuroanatomy and behavior of three autism-related mouse models.. <i>NeuroImage</i> , <b>2022</b> , 257, 119243	7.9	0
74	Neuroanatomy and behavior in mice with a haploinsufficiency of AT-rich interactive domain 1B (ARID1B) throughout development. <i>Molecular Autism</i> , <b>2021</b> , 12, 25	6.5	7
73	Autism-linked Cullin3 germline haploinsufficiency impacts cytoskeletal dynamics and cortical neurogenesis through RhoA signaling. <i>Molecular Psychiatry</i> , <b>2021</b> , 26, 3586-3613	15.1	1
72	Effects of Low-Dose Gestational TCDD Exposure on Behavior and on Hippocampal Neuron Morphology and Gene Expression in Mice. <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 57002	8.4	2
71	Developmental and Behavioral Phenotypes in a Mouse Model of DDX3X Syndrome. <i>Biological Psychiatry</i> , <b>2021</b> , 90, 742-755	7.9	2
70	Reduced anterior cingulate cortex volume induced by chronic stress correlates with increased behavioral emotionality and decreased synaptic puncta density. <i>Neuropharmacology</i> , <b>2021</b> , 190, 108562	5.5	1
69	Sexually dimorphic neuroanatomical differences relate to ASD-relevant behavioral outcomes in a maternal autoantibody mouse model. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	2
68	Excitatory neuronal CHD8 in the regulation of neocortical development and sensory-motor behaviors. <i>Cell Reports</i> , <b>2021</b> , 34, 108780	10.6	4
67	Distinct, dosage-sensitive requirements for the autism-associated factor CHD8 during cortical development. <i>Molecular Autism</i> , <b>2021</b> , 12, 16	6.5	4
66	Characterization of mice bearing humanized androgen receptor genes (h/mAr) varying in polymorphism length. <i>NeuroImage</i> , <b>2021</b> , 226, 117594	7.9	
65	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes. <i>Molecular Psychiatry</i> , <b>2021</b> ,	15.1	13
64	Placental endocrine function shapes cerebellar development and social behavior. <i>Nature Neuroscience</i> , <b>2021</b> , 24, 1392-1401	25.5	6
63	Excessive Laughter-like Vocalizations, Microcephaly, and Translational Outcomes in the Deletion Rat Model of Angelman Syndrome. <i>Journal of Neuroscience</i> , <b>2021</b> , 41, 8801-8814	6.6	5
62	A ketogenic diet affects brain volume and metabolome in juvenile mice. <i>NeuroImage</i> , <b>2021</b> , 244, 118542	7.9	2
61	Cyclin D2-knock-out mice with attenuated dentate gyrus neurogenesis have robust deficits in long-term memory formation. <i>Scientific Reports</i> , <b>2020</b> , 10, 8204	4.9	3

60	Translational outcomes in a full gene deletion of ubiquitin protein ligase E3A rat model of Angelman syndrome. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 39	8.6	28
59	The EProtocadherins Regulate the Survival of GABAergic Interneurons during Developmental Cell Death. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 8652-8668	6.6	7
58	Regulation of autism-relevant behaviors by cerebellar-prefrontal cortical circuits. <i>Nature Neuroscience</i> , <b>2020</b> , 23, 1102-1110	25.5	52
57	Atrx Deletion in Neurons Leads to Sexually Dimorphic Dysregulation of miR-137 and Spatial Learning and Memory Deficits. <i>Cell Reports</i> , <b>2020</b> , 31, 107838	10.6	9
56	Translational outcomes relevant to neurodevelopmental disorders following early life exposure of rats to chlorpyrifos. <i>Journal of Neurodevelopmental Disorders</i> , <b>2020</b> , 12, 40	4.6	15
55	Setd5 haploinsufficiency alters neuronal network connectivity and leads to autistic-like behaviors in mice. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 24	8.6	11
54	Precocious myelination in a mouse model of autism. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 251	8.6	12
53	Is There a Hemispheric Disconnect in Neurodevelopmental Disorders?. <i>Trends in Neurosciences</i> , <b>2019</b> , 42, 843-844	13.3	
52	Pten haploinsufficiency disrupts scaling across brain areas during development in mice. <i>Translational Psychiatry</i> , <b>2019</b> , 9, 329	8.6	4
51	Kctd13-deficient mice display short-term memory impairment and sex-dependent genetic interactions. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 1474-1486	5.6	14
50	Altered TAOK2 activity causes autism-related neurodevelopmental and cognitive abnormalities through RhoA signaling. <i>Molecular Psychiatry</i> , <b>2019</b> , 24, 1329-1350	15.1	70
49	Behavioral and neuroanatomical approaches in models of neurodevelopmental disorders: opportunities for translation. <i>Current Opinion in Neurology</i> , <b>2018</b> , 31, 126-133	7.1	16
48	Developmental social communication deficits in the Shank3 rat model of phelan-mcdermid syndrome and autism spectrum disorder. <i>Autism Research</i> , <b>2018</b> , 11, 587-601	5.1	51
47	Shifting priorities: highly conserved behavioral and brain network adaptations to chronic stress across species. <i>Translational Psychiatry</i> , <b>2018</b> , 8, 26	8.6	29
46	Altered Neocortical Gene Expression, Brain Overgrowth and Functional Over-Connectivity in Chd8 Haploinsufficient Mice. <i>Cerebral Cortex</i> , <b>2018</b> , 28, 2192-2206	5.1	65
45	Species-conserved SYNGAP1 phenotypes associated with neurodevelopmental disorders. <i>Molecular and Cellular Neurosciences</i> , <b>2018</b> , 91, 140-150	4.8	29
44	Analysis of neuroanatomical differences in mice with genetically modified serotonin transporters assessed by structural magnetic resonance imaging. <i>Molecular Autism</i> , <b>2018</b> , 9, 24	6.5	10
43	Effects of placental growth factor deficiency on behavior, neuroanatomy, and cerebrovasculature of mice. <i>Physiological Genomics</i> , <b>2018</b> , 50, 862-875	3.6	13

42	Sexually dimorphic behavior, neuronal activity, and gene expression in Chd8-mutant mice. <i>Nature Neuroscience</i> , <b>2018</b> , 21, 1218-1228	25.5	73
41	Sensitive Periods for Cerebellar-Mediated Autistic-like Behaviors. <i>Cell Reports</i> , <b>2018</b> , 25, 357-367.e4	10.6	41
40	Structural covariance of brain region volumes is associated with both structural connectivity and transcriptomic similarity. <i>NeuroImage</i> , <b>2018</b> , 179, 357-372	7.9	33
39	Behavioral and neuroanatomical analyses in a genetic mouse model of 2q13 duplication. <i>Genes To Cells</i> , <b>2017</b> , 22, 436-451	2.3	3
38	Altered cerebellar connectivity in autism and cerebellar-mediated rescue of autism-related behaviors in mice. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 1744-1751	25.5	174
37	Kctd13 deletion reduces synaptic transmission via increased RhoA. <i>Nature</i> , <b>2017</b> , 551, 227-231	50.4	77
36	Foxp1 in Forebrain Pyramidal Neurons Controls Gene Expression Required for Spatial Learning and Synaptic Plasticity. <i>Journal of Neuroscience</i> , <b>2017</b> , 37, 10917-10931	6.6	26
35	Spatial gene expression analysis of neuroanatomical differences in mouse models. <i>NeuroImage</i> , <b>2017</b> , 163, 220-230	7.9	12
34	Repeated exposure to sucrose for procedural pain in mouse pups leads to long-term widespread brain alterations. <i>Pain</i> , <b>2017</b> , 158, 1586-1598	8	24
33	Neuronal overexpression of Ube3a isoform 2 causes behavioral impairments and neuroanatomical pathology relevant to 15q11.2-q13.3 duplication syndrome. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 3995-4010	5.6	35
32	Systemic inflammation combined with neonatal cerebellar haemorrhage aggravates long-term structural and functional outcomes in a mouse model. <i>Brain, Behavior, and Immunity</i> , <b>2017</b> , 66, 257-276	16.6	8
31	Foxp1 regulation of neonatal vocalizations via cortical development. <i>Genes and Development</i> , <b>2017</b> , 31, 2039-2055	12.6	32
30	Germline Chd8 haploinsufficiency alters brain development in mouse. <i>Nature Neuroscience</i> , <b>2017</b> , 20, 1062-1073	25.5	136
29	Neuroanatomy in mouse models of Rett syndrome is related to the severity of Mecp2 mutation and behavioral phenotypes. <i>Molecular Autism</i> , <b>2017</b> , 8, 32	6.5	20
28	Distinct cerebellar foliation anomalies in a CHD7 haploinsufficient mouse model of CHARGE syndrome. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , <b>2017</b> , 175,	3.1	10
27	Cerebellar Vermis and Midbrain Hypoplasia Upon Conditional Deletion of from the Embryonic Mid-Hindbrain Region. <i>Frontiers in Neuroanatomy</i> , <b>2017</b> , 11, 86	3.6	4
26	Regional brain volumes changes in adult male FMR1-KO mouse on the FVB strain. <i>Neuroscience</i> , <b>2016</b> , 318, 12-21	3.9	28
25	Prenatal Ectatinin/Brn2/Tbr2 transcriptional cascade regulates adult social and stereotypic behaviors. <i>Molecular Psychiatry</i> , <b>2016</b> , 21, 1417-33	15.1	54

24	Deep brain stimulation of the ventromedial prefrontal cortex causes reorganization of neuronal processes and vasculature. <i>NeuroImage</i> , <b>2016</b> , 125, 422-427	7.9	32
23	Loss of T cells influences sex differences in behavior and brain structure. <i>Brain, Behavior, and Immunity</i> , <b>2015</b> , 46, 249-60	16.6	22
22	Neuroanatomical Phenotypes Are Consistent With Autism-Like Behavioral Phenotypes in the 15q11-13 Duplication Mouse Model. <i>Autism Research</i> , <b>2015</b> , 8, 545-55	5.1	24
21	Clustering autism: using neuroanatomical differences in 26 mouse models to gain insight into the heterogeneity. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 118-25	15.1	185
20	Altered brain development in an early-onset murine model of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 638-47	5.6	11
19	Behavioral and Neuroanatomical Phenotypes in Mouse Models of Autism. <i>Neurotherapeutics</i> , <b>2015</b> , 12, 521-33	6.4	66
18	3D visualization of the regional differences. <i>Molecular Psychiatry</i> , <b>2015</b> , 20, 1	15.1	12
17	Genetic effects on cerebellar structure across mouse models of autism using a magnetic resonance imaging atlas. <i>Autism Research</i> , <b>2014</b> , 7, 124-37	5.1	91
16	Behavioral abnormalities and circuit defects in the basal ganglia of a mouse model of 16p11.2 deletion syndrome. <i>Cell Reports</i> , <b>2014</b> , 7, 1077-1092	10.6	137
15	A highly specific pattern of volumetric brain changes due to 22q11.2 deletions in both mice and humans. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 6	15.1	6
14	Neuroanatomical phenotypes in a mouse model of the 22q11.2 microdeletion. <i>Molecular Psychiatry</i> , <b>2014</b> , 19, 99-107	15.1	41
13	Neuroanatomical analysis of the BTBR mouse model of autism using magnetic resonance imaging and diffusion tensor imaging. <i>NeuroImage</i> , <b>2013</b> , 70, 288-300	7.9	88
12	Vertebrate intersectin1 is repurposed to facilitate cortical midline connectivity and higher order cognition. <i>Journal of Neuroscience</i> , <b>2013</b> , 33, 4055-65	6.6	19
11	Preparation of fixed mouse brains for MRI. <i>NeuroImage</i> , <b>2012</b> , 60, 933-9	7.9	86
10	Neuroanatomical Assessment of the Integrin $\beta$ Mouse Model Related to Autism and the Serotonin System Using High Resolution MRI. <i>Frontiers in Psychiatry</i> , <b>2012</b> , 3, 37	5	36
9	Brain abnormalities in a Neuroligin3 R451C knockin mouse model associated with autism. <i>Autism Research</i> , <b>2011</b> , 4, 368-76	5.1	45
8	Considerations for measuring the fractional anisotropy of metabolites with diffusion tensor spectroscopy. <i>NMR in Biomedicine</i> , <b>2011</b> , 24, 270-80	4.4	18
7	Dosage-dependent phenotypes in models of 16p11.2 lesions found in autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 17076-81	11.5	209

6	Anatomical phenotyping in a mouse model of fragile X syndrome with magnetic resonance imaging. <i>NeuroImage</i> , <b>2010</b> , 53, 1023-9	7.9	80
5	The gamma-Protocadherins regulate the survival of GABAergic interneurons during developmentally-regulated cell death		4
4	Brain mapping across 16 autism mouse models reveals a spectrum of functional connectivity subtypes		3
3	Non-monotonic regulation of gene expression, neural progenitor fate and brain growth by the chromatin remodeller CHD8		1
2	Atrx deletion in neurons leads to sexually-dimorphic dysregulation of miR-137 and spatial learning and memory deficits		1
1	Examining the effect of chronic intranasal oxytocin administration on the neuroanatomy and behavior of three autism-related mouse models		2