Annie Vogel Ciernia

List of Publications by Year
in descending order

25 papers	1,370 citations	471061 17 h-index	642321 23 g-index
31 all docs	31 docs citations	31 times ranked	2646 citing authors

#	Article	IF	Citations
1	The neuron-specific chromatin regulatory subunit BAF53b is necessary for synaptic plasticity and memory. Nature Neuroscience, 2013, 16, 552-561.	7.1	213
2	Targeting H3K4 trimethylation in Huntington disease. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3027-36.	3.3	151
3	The landscape of DNA methylation amid a perfect storm of autism aetiologies. Nature Reviews Neuroscience, 2016, 17, 411-423.	4.9	139
4	Epigenetic regulation of the circadian gene Per1 contributes to age-related changes in hippocampal memory. Nature Communications, 2018, 9, 3323.	5.8	118
5	Differential roles for Nr4a1 and Nr4a2 in object location vs. object recognition long-term memory. Learning and Memory, 2012, 19, 588-592.	0.5	102
6	Neuron-specific chromatin remodeling: A missing link in epigenetic mechanisms underlying synaptic plasticity, memory, and intellectual disability disorders. Neuropharmacology, 2014, 80, 18-27.	2.0	80
7	Conserved Higher-Order Chromatin Regulates NMDA Receptor Gene Expression and Cognition. Neuron, 2014, 84, 997-1008.	3.8	76
8	Promoter-Specific Effects of DREADD Modulation on Hippocampal Synaptic Plasticity and Memory Formation. Journal of Neuroscience, 2016, 36, 3588-3599.	1.7	71
9	Cumulative Impact of Polychlorinated Biphenyl and Large Chromosomal Duplications on DNA Methylation, Chromatin, and Expression of Autism Candidate Genes. Cell Reports, 2016, 17, 3035-3048.	2.9	69
10	Microglia from offspring of dams with allergic asthma exhibit epigenomic alterations in genes dysregulated in autism. Glia, 2018, 66, 505-521.	2.5	54
11	Snord116-dependent diurnal rhythm of DNA methylation in mouse cortex. Nature Communications, 2018, 9, 1616.	5.8	53
12	Whole genome bisulfite sequencing of Down syndrome brain reveals regional DNA hypermethylation and novel disorder insights. Epigenetics, 2019, 14, 672-684.	1.3	39
13	Early motor phenotype detection in a female mouse model of Rett syndrome is improved by cross-fostering. Human Molecular Genetics, 2017, 26, 1839-1854.	1.4	32
14	Epigenomic Convergence of Neural-Immune Risk Factors in Neurodevelopmental Disorder Cortex. Cerebral Cortex, 2020, 30, 640-655.	1.6	29
15	Optogenetic intervention of seizures improves spatial memory in a mouse model of chronic temporal lobe epilepsy. Epilepsia, 2020, 61, 561-571.	2.6	25
16	Mutation of neuron-specific chromatin remodeling subunit BAF53b: rescue of plasticity and memory by manipulating actin remodeling. Learning and Memory, 2017, 24, 199-209.	0.5	21
17	Experience-dependent neuroplasticity of the developing hypothalamus: integrative epigenomic approaches. Epigenetics, 2018, 13, 318-330.	1.3	21
18	Dysregulated gene expression associated with inflammatory and translation pathways in activated monocytes from children with autism spectrum disorder. Translational Psychiatry, 2022, 12, 39.	2.4	21

#	Article	IF	Citations
19	Molecular brake pad hypothesis: pulling off the brakes for emotional memory. Reviews in the Neurosciences, 2012, 23, 607-26.	1.4	19
20	UBE3A-mediated regulation of imprinted genes and epigenome-wide marks in human neurons. Epigenetics, 2017, 12, 982-990.	1.3	18
21	MeCP2 isoform e1 mutant mice recapitulate motor and metabolic phenotypes of Rett syndrome. Human Molecular Genetics, 2018, 27, 4077-4093.	1.4	9
22	MGEnrichment: A web application for microglia gene list enrichment analysis. PLoS Computational Biology, 2021, 17, e1009160.	1.5	5
23	Genetic variants drive altered epigenetic regulation of endotoxin response in BTBR macrophages. Brain, Behavior, and Immunity, 2020, 89, 20-31.	2.0	4
24	19.3 DEVELOPMENTAL EXPOSURE TO NEAR-ROADWAY POLLUTION PRODUCES BEHAVIORAL AND HISTOLOGICAL PHENOTYPES RELEVANT TO NEURODEVELOPMENTAL DISORDERS. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, S294-S295.	0.3	0
25	Chromatin Dynamics and Genetic Variation Combine to Regulate Innate Immune Memory. Journal of Clinical & Cellular Immunology, 2020, 11, .	1.5	0