Harrison W Gabel

List of Publications by Year
in descending order

22 papers	2,001 citations	623734 14 h-index	677142 22 g-index
24 all docs	24 docs citations	24 times ranked	3233 citing authors

#	Article	IF	Citations
1	APC7 mediates ubiquitin signaling in constitutive heterochromatin in the developing mammalian brain. Molecular Cell, 2022, 82, 90-105.e13.	9.7	4
2	Transcriptomic mapping uncovers Purkinje neuron plasticity driving learning. Nature, 2022, 605, 722-727.	27.8	24
3	Deconstructing Stepwise Fate Conversion of Human Fibroblasts to Neurons by MicroRNAs. Cell Stem Cell, 2021, 28, 127-140.e9.	11.1	39
4	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. Nature Communications, 2021, 12, 4549.	12.8	21
5	CHARGE syndrome protein CHD7 regulates epigenomic activation of enhancers in granule cell precursors and gyrification of the cerebellum. Nature Communications, 2021, 12, 5702.	12.8	20
6	A MYT1L syndrome mouse model recapitulates patient phenotypes and reveals altered brain development due to disrupted neuronal maturation. Neuron, 2021, 109, 3775-3792.e14.	8.1	34
7	MeCP2 Represses Enhancers through Chromosome Topology-Associated DNA Methylation. Molecular Cell, 2020, 77, 279-293.e8.	9.7	49
8	Emerging Insights into the Distinctive Neuronal Methylome. Trends in Genetics, 2020, 36, 816-832.	6.7	22
9	The chromatin remodeling enzyme Chd4 regulates genome architecture in the mouse brain. Nature Communications, 2020, 11, 3419.	12.8	33
10	DNMT3A Haploinsufficiency Results in Behavioral Deficits and Global Epigenomic Dysregulation Shared across Neurodevelopmental Disorders. Cell Reports, 2020, 33, 108416.	6.4	37
11	Functions of Gtf2i and Gtf2ird1 in the developing brain: transcription, DNA binding and long-term behavioral consequences. Human Molecular Genetics, 2020, 29, 1498-1519.	2.9	18
12	The Transcriptional Regulator SnoN Promotes the Proliferation of Cerebellar Granule Neuron Precursors in the Postnatal Mouse Brain. Journal of Neuroscience, 2019, 39, 44-62.	3.6	12
13	LONGO: an R package for interactive gene length dependent analysis for neuronal identity. Bioinformatics, 2018, 34, i422-i428.	4.1	19
14	Early-Life Gene Expression in Neurons Modulates Lasting Epigenetic States. Cell, 2017, 171, 1151-1164.e16.	28.9	167
15	DNA methylation in the gene body influences MeCP2-mediated gene repression. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 15114-15119.	7.1	100
16	Disruption of DNA-methylation-dependent long gene repression in Rett syndrome. Nature, 2015, 522, 89-93.	27.8	521
17	A Shortcut to Activity-Dependent Transcription. Cell, 2015, 161, 1496-1498.	28.9	9
18	Reading the unique DNA methylation landscape of the brain: Non-CpG methylation, hydroxymethylation, and MeCP2. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6800-6806.	7.1	205

#	Article	IF	Citations
19	Npas4 Regulates Excitatory-Inhibitory Balance within Neural Circuits through Cell-Type-Specific Gene Programs. Cell, 2014, 157, 1216-1229.	28.9	315
20	The Maturing Brain Methylome. Science, 2013, 341, 626-627.	12.6	18
21	Genome-Wide Activity-Dependent MeCP2 Phosphorylation Regulates Nervous System Development and Function. Neuron, 2011, 72, 72-85.	8.1	272
22	The exonuclease ERI-1 has a conserved dual role in 5.8S rRNA processing and RNAi. Nature Structural and Molecular Biology, 2008, 15, 531-533.	8.2	59