

Harrison W Gabel

List of Publications by Year in descending order

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Version: 2024-02-01

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	Disruption of DNA-methylation-dependent long gene repression in Rett syndrome. <i>Nature</i> , 2015, 522, 89-93.	27.8	521
2	Npas4 Regulates Excitatory-Inhibitory Balance within Neural Circuits through Cell-Type-Specific Gene Programs. <i>Cell</i> , 2014, 157, 1216-1229.	28.9	315
3	Genome-Wide Activity-Dependent MeCP2 Phosphorylation Regulates Nervous System Development and Function. <i>Neuron</i> , 2011, 72, 72-85.	8.1	272
4	Reading the unique DNA methylation landscape of the brain: Non-CpG methylation, hydroxymethylation, and MeCP2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6800-6806.	7.1	205
5	Early-Life Gene Expression in Neurons Modulates Lasting Epigenetic States. <i>Cell</i> , 2017, 171, 1151-1164.e16.	28.9	167
6	DNA methylation in the gene body influences MeCP2-mediated gene repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 15114-15119.	7.1	100
7	The exonuclease ERI-1 has a conserved dual role in 5.8S rRNA processing and RNAi. <i>Nature Structural and Molecular Biology</i> , 2008, 15, 531-533.	8.2	59
8	MeCP2 Represses Enhancers through Chromosome Topology-Associated DNA Methylation. <i>Molecular Cell</i> , 2020, 77, 279-293.e8.	9.7	49
9	Deconstructing Stepwise Fate Conversion of Human Fibroblasts to Neurons by MicroRNAs. <i>Cell Stem Cell</i> , 2021, 28, 127-140.e9.	11.1	39
10	DNMT3A Haploinsufficiency Results in Behavioral Deficits and Global Epigenomic Dysregulation Shared across Neurodevelopmental Disorders. <i>Cell Reports</i> , 2020, 33, 108416.	6.4	37
11	A MYT1L syndrome mouse model recapitulates patient phenotypes and reveals altered brain development due to disrupted neuronal maturation. <i>Neuron</i> , 2021, 109, 3775-3792.e14.	8.1	34
12	The chromatin remodeling enzyme Chd4 regulates genome architecture in the mouse brain. <i>Nature Communications</i> , 2020, 11, 3419.	12.8	33
13	Transcriptomic mapping uncovers Purkinje neuron plasticity driving learning. <i>Nature</i> , 2022, 605, 722-727.	27.8	24
14	Emerging Insights into the Distinctive Neuronal Methylome. <i>Trends in Genetics</i> , 2020, 36, 816-832.	6.7	22
15	Functional and epigenetic phenotypes of humans and mice with DNMT3A Overgrowth Syndrome. <i>Nature Communications</i> , 2021, 12, 4549.	12.8	21
16	CHARGE syndrome protein CHD7 regulates epigenomic activation of enhancers in granule cell precursors and gyrification of the cerebellum. <i>Nature Communications</i> , 2021, 12, 5702.	12.8	20
17	LONGO: an R package for interactive gene length dependent analysis for neuronal identity. <i>Bioinformatics</i> , 2018, 34, i422-i428.	4.1	19
18	The Maturing Brain Methylome. <i>Science</i> , 2013, 341, 626-627.	12.6	18

#	ARTICLE	IF	CITATIONS
19	Functions of <i>Gtf2i</i> and <i>Gtf2ird1</i> in the developing brain: transcription, DNA binding and long-term behavioral consequences. <i>Human Molecular Genetics</i> , 2020, 29, 1498-1519.	2.9	18
20	The Transcriptional Regulator SnoN Promotes the Proliferation of Cerebellar Granule Neuron Precursors in the Postnatal Mouse Brain. <i>Journal of Neuroscience</i> , 2019, 39, 44-62.	3.6	12
21	A Shortcut to Activity-Dependent Transcription. <i>Cell</i> , 2015, 161, 1496-1498.	28.9	9
22	APC7 mediates ubiquitin signaling in constitutive heterochromatin in the developing mammalian brain. <i>Molecular Cell</i> , 2022, 82, 90-105.e13.	9.7	4