

Gail Mandel

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

7,219
citations

236612

25
h-index

395343

33
g-index

40
all docs

40
docs citations

40
times ranked

7582
citing authors

#	ARTICLE	IF	CITATIONS
1	REST: A mammalian silencer protein that restricts sodium channel gene expression to neurons. <i>Cell</i> , 1995, 80, 949-957.	13.5	1,034
2	REST and Its Corepressors Mediate Plasticity of Neuronal Gene Chromatin throughout Neurogenesis. <i>Cell</i> , 2005, 121, 645-657.	13.5	830
3	Reciprocal actions of REST and a microRNA promote neuronal identity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 2422-2427.	3.3	683
4	Primary structure and functional expression of a mammalian skeletal muscle sodium channel. <i>Neuron</i> , 1989, 3, 33-49.	3.8	552
5	Corepressor-Dependent Silencing of Chromosomal Regions Encoding Neuronal Genes. <i>Science</i> , 2002, 298, 1747-1752.	6.0	434
6	A role for glia in the progression of Rett's syndrome. <i>Nature</i> , 2011, 475, 497-500.	13.7	431
7	Non-cell autonomous influence of MeCP2-deficient glia on neuronal dendritic morphology. <i>Nature Neuroscience</i> , 2009, 12, 311-317.	7.1	409
8	Regulation of Neuronal Traits by a Novel Transcriptional Complex. <i>Neuron</i> , 2001, 31, 353-365.	3.8	400
9	The many faces of REST oversee epigenetic programming of neuronal genes. <i>Current Opinion in Neurobiology</i> , 2005, 15, 500-506.	2.0	391
10	Silencing the type II sodium channel gene: A model for neural-specific gene regulation. <i>Neuron</i> , 1992, 9, 37-44.	3.8	310
11	A core-BRAF35 complex containing histone deacetylase mediates repression of neuronal-specific genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7420-7425.	3.3	279
12	A New Binding Motif for the Transcriptional Repressor REST Uncovers Large Gene Networks Devoted to Neuronal Functions. <i>Journal of Neuroscience</i> , 2007, 27, 6729-6739.	1.7	210
13	The Co-repressor mSin3A Is a Functional Component of the REST-CoREST Repressor Complex. <i>Journal of Biological Chemistry</i> , 2000, 275, 9461-9467.	1.6	207
14	Systemic Delivery of MeCP2 Rescues Behavioral and Cellular Deficits in Female Mouse Models of Rett Syndrome. <i>Journal of Neuroscience</i> , 2013, 33, 13612-13620.	1.7	194
15	MeCP2 Is Critical for Maintaining Mature Neuronal Networks and Global Brain Anatomy during Late Stages of Postnatal Brain Development and in the Mature Adult Brain. <i>Journal of Neuroscience</i> , 2012, 32, 10021-10034.	1.7	165
16	Site-directed RNA repair of endogenous Mecp2 RNA in neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9395-E9402.	3.3	77
17	A High-Resolution Imaging Approach to Investigate Chromatin Architecture in Complex Tissues. <i>Cell</i> , 2015, 163, 246-255.	13.5	67
18	The accessible chromatin landscape of the murine hippocampus at single-cell resolution. <i>Genome Research</i> , 2019, 29, 857-869.	2.4	67

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19	Repressor element 1 silencing transcription factor (REST) controls radial migration and temporal neuronal specification during neocortical development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16789-16794.	3.3	66
20	The REST remodeling complex protects genomic integrity during embryonic neurogenesis. <i>ELife</i> , 2016, 5, e09584.	2.8	61
21	REST corepressors RCOR1 and RCOR2 and the repressor INSM1 regulate the proliferationâ€“differentiation balance in the developing brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E406-E415.	3.3	57
22	InÂVivo Repair of a Protein Underlying a Neurological Disorder by Programmable RNA Editing. <i>Cell Reports</i> , 2020, 32, 107878.	2.9	44
23	Polycomb- and REST-associated histone deacetylases are independent pathways toward a mature neuronal phenotype. <i>ELife</i> , 2014, 3, e04235.	2.8	43
24	C-terminal domain small phosphatase 1 and MAP kinase reciprocally control REST stability and neuronal differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3929-36.	3.3	39
25	Synchronous and asynchronous modes of synaptic transmission utilize different calcium sources. <i>ELife</i> , 2013, 2, e01206.	2.8	35
26	Acute and crucial requirement for MeCP2 function upon transition from early to late adult stages of brain maturation. <i>Human Molecular Genetics</i> , 2016, 25, 1690-1702.	1.4	27
27	Corepressor Rcor1 is essential for murine erythropoiesis. <i>Blood</i> , 2014, 123, 3175-3184.	0.6	24
28	Astrocytic modulation of excitatory synaptic signaling in a mouse model of Rett syndrome. <i>ELife</i> , 2018, 7, .	2.8	20
29	Nonequivalent release sites govern synaptic depression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E378-86.	3.3	18
30	DREAM on without calcium. <i>Nature</i> , 1999, 398, 29-30.	13.7	14
31	An RNA Binding Protein Promotes Axonal Integrity in Peripheral Neurons by Destabilizing REST. <i>Journal of Neuroscience</i> , 2014, 34, 16650-16661.	1.7	14
32	The Genome-Wide Binding Profile for Human RE1 Silencing Transcription Factor Unveils a Unique Genetic Circuitry in Hippocampus. <i>Journal of Neuroscience</i> , 2021, 41, 6582-6595.	1.7	10
33	Influences: Sodium channel excitement. <i>Journal of General Physiology</i> , 2018, 150, 1047-1049.	0.9	2
34	Astrocytes play an essential role in reversing respiratory disturbances in a mouse model of Rett syndrome. <i>FASEB Journal</i> , 2010, 24, 1064.18.	0.2	0