

Eric E Turner

List of Publications by Year in descending order

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59
papers

4,073
citations

172207

29
h-index

161609

54
g-index

61
all docs

61
docs citations

61
times ranked

5458
citing authors

#	ARTICLE	IF	CITATIONS
1	A toolbox of Cre-dependent optogenetic transgenic mice for light-induced activation and silencing. <i>Nature Neuroscience</i> , 2012, 15, 793-802.	7.1	1,153
2	Brn-3.0 expression identifies early post-mitotic CNS neurons and sensory neural precursors. <i>Mechanisms of Development</i> , 1995, 53, 291-304.	1.7	211
3	A central role for Islet1 in sensory neuron development linking sensory and spinal gene regulatory programs. <i>Nature Neuroscience</i> , 2008, 11, 1283-1293.	7.1	172
4	Brn-3.2: A Brn-3-related transcription factor with distinctive central nervous system expression and regulation by retinoic acid. <i>Neuron</i> , 1994, 12, 205-218.	3.8	165
5	Brn3a-Expressing Retinal Ganglion Cells Project Specifically to Thalamocortical and Collicular Visual Pathways. <i>Journal of Neuroscience</i> , 2005, 25, 11595-11604.	1.7	161
6	Telepsychiatry integration of mental health services into rural primary care settings. <i>International Review of Psychiatry</i> , 2015, 27, 525-539.	1.4	154
7	Lack of association between an RFLP near the D2 dopamine receptor gene and severe alcoholism. <i>Biological Psychiatry</i> , 1992, 31, 285-290.	0.7	126
8	Efferent Pathways of the Mouse Lateral Habenula. <i>Journal of Comparative Neurology</i> , 2015, 523, 32-60.	0.9	124
9	Twin of I-POU: A two amino acid difference in the I-POU homeodomain distinguishes an activator from an inhibitor of transcription. <i>Cell</i> , 1992, 68, 491-505.	13.5	119
10	Brn3a and Nurr1 Mediate a Gene Regulatory Pathway for Habenula Development. <i>Journal of Neuroscience</i> , 2009, 29, 14309-14322.	1.7	101
11	The genetics of auricular development and malformation: New findings in model systems driving future directions for microtia research. <i>European Journal of Medical Genetics</i> , 2014, 57, 394-401.	0.7	100
12	Defects in Sensory Axon Growth Precede Neuronal Death in Brn3a-Deficient Mice. <i>Journal of Neuroscience</i> , 2001, 21, 541-549.	1.7	95
13	Role of the Dorsal Medial Habenula in the Regulation of Voluntary Activity, Motor Function, Hedonic State, and Primary Reinforcement. <i>Journal of Neuroscience</i> , 2014, 34, 11366-11384.	1.7	95
14	Brn3a and Islet1 Act Epistatically to Regulate the Gene Expression Program of Sensory Differentiation. <i>Journal of Neuroscience</i> , 2011, 31, 9789-9799.	1.7	90
15	Medial Habenula Output Circuit Mediated by $\hat{1}\pm 5$ Nicotinic Receptor-Expressing GABAergic Neurons in the Interpeduncular Nucleus. <i>Journal of Neuroscience</i> , 2013, 33, 18022-18035.	1.7	74
16	Coordinated regulation of gene expression by Brn3a in developing sensory ganglia. <i>Development (Cambridge)</i> , 2004, 131, 3859-3870.	1.2	70
17	Direct autoregulation and gene dosage compensation by POU-domain transcription factor Brn3a. <i>Development (Cambridge)</i> , 2003, 130, 111-121.	1.2	60
18	Brn3a regulation of TrkA/NGF receptor expression in developing sensory neurons. <i>Development (Cambridge)</i> , 2003, 130, 3525-3534.	1.2	59

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19	Tlx1 and Tlx3 Coordinate Specification of Dorsal Horn Pain-Modulatory Peptidergic Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 4037-4046.	1.7	58
20	Brn3a regulates neuronal subtype specification in the trigeminal ganglion by promoting Runx expression during sensory differentiation. <i>Neural Development</i> , 2010, 5, 3.	1.1	54
21	Specific connections of the interpeduncular subnuclei reveal distinct components of the habenulopeduncular pathway. <i>Journal of Comparative Neurology</i> , 2017, 525, 2632-2656.	0.9	52
22	Highly Cooperative Homodimerization Is a Conserved Property of Neural POU Proteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 34196-34205.	1.6	50
23	POU-domain factor Brn3a regulates both distinct and common programs of gene expression in the spinal and trigeminal sensory ganglia. <i>Neural Development</i> , 2007, 2, 3.	1.1	47
24	Dorsal Medial Habenula Regulation of Mood-Related Behaviors and Primary Reinforcement by Tachykinin-Expressing Habenula Neurons. <i>ENeuro</i> , 2016, 3, ENEURO.0109-16.2016.	0.9	45
25	Sonic hedgehog regulates the position of the trigeminal ganglia. <i>Developmental Biology</i> , 2003, 261, 456-469.	0.9	43
26	Signals from the ventral midline and isthmus regulate the development of Brn3.0-expressing neurons in the midbrain. <i>Mechanisms of Development</i> , 2001, 105, 129-144.	1.7	40
27	Placodal origin of Brn-3?expressing cranial sensory neurons. , 1998, 36, 572-585.		39
28	Autoregulatory Sequences are Revealed by Complex Stability Screening of the Mousebrn-3.0Locus. <i>Journal of Neuroscience</i> , 1999, 19, 6549-6558.	1.7	38
29	Brn3a regulates the transition from neurogenesis to terminal differentiation and represses non-neural gene expression in the trigeminal ganglion. <i>Developmental Dynamics</i> , 2009, 238, 3065-3079.	0.8	37
30	Positional differences of axon growth rates between sensory neurons encoded by runx3. <i>EMBO Journal</i> , 2012, 31, 3718-3729.	3.5	37
31	Chrna5-Expressing Neurons in the Interpeduncular Nucleus Mediate Aversion Primed by Prior Stimulation or Nicotine Exposure. <i>Journal of Neuroscience</i> , 2018, 38, 6900-6920.	1.7	35
32	Brn3a target gene recognition in embryonic sensory neurons. <i>Developmental Biology</i> , 2007, 302, 703-716.	0.9	32
33	Risperidone-induced retrograde ejaculation: case report and review of the literature. <i>International Clinical Psychopharmacology</i> , 2004, 19, 111-112.	0.9	29
34	GAD2 Expression Defines a Class of Excitatory Lateral Habenula Neurons in Mice that Project to the Raphe and Pontine Tegmentum. <i>ENeuro</i> , 2020, 7, ENEURO.0527-19.2020.	0.9	27
35	Dual recombinase fate mapping reveals a transient cholinergic phenotype in multiple populations of developing glutamatergic neurons. <i>Journal of Comparative Neurology</i> , 2020, 528, 283-307.	0.9	26
36	Regulation of the development of tectal neurons and their projections by transcription factors Brn3a and Pax7. <i>Developmental Biology</i> , 2008, 316, 6-20.	0.9	25

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37	Deletion of a conserved regulatory element required for Hmx1 expression in craniofacial mesenchyme in the dumbo rat: a novel cause of congenital ear malformation. <i>DMM Disease Models and Mechanisms</i> , 2012, 5, 812-22.	1.2	24
38	Hmx1 is required for the normal development of somatosensory neurons in the geniculate ganglion. <i>Developmental Biology</i> , 2012, 365, 152-163.	0.9	23
39	Inhibitory Effects of Ventral Signals on the Development of Brn-3.0-Expressing Neurons in the Dorsal Spinal Cord. <i>Developmental Biology</i> , 1997, 190, 18-31.	0.9	21
40	Extrinsic and intrinsic signals converge on the Runx1/CBF $\hat{1}$ ² transcription factor for nonpeptidergic nociceptor maturation. <i>ELife</i> , 2015, 4, e10874.	2.8	20
41	POU-domain factor expression in the trigeminal ganglion and implications for herpes virus regulation. <i>NeuroReport</i> , 1996, 7, 2829-2832.	0.6	13
42	Similar DNA recognition properties of alternatively spliced <i>Drosophila</i> POU factors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 15097-15101.	3.3	13
43	Bidirectional modulation of deep cerebellar nuclear cells revealed by optogenetic manipulation of inhibitory inputs from Purkinje cells. <i>Neuroscience</i> , 2014, 277, 250-266.	1.1	13
44	A distal 594bp ECR specifies <i>Hmx1</i> expression in pinna and lateral facial morphogenesis and is regulated by Hox-Pbx-Meis. <i>Development (Cambridge)</i> , 2016, 143, 2582-92.	1.2	13
45	Expression of Dopamine Pathway Genes in the Midbrain Is Independent of Known ETS Transcription Factor Activity. <i>Journal of Neuroscience</i> , 2010, 30, 9224-9227.	1.7	12
46	Genetic evidence for conserved non-coding element function across species—the ears have it. <i>Frontiers in Physiology</i> , 2014, 5, 7.	1.3	12
47	Cellular and molecular neuropathology of schizophrenia: new directions from developmental neurobiology. <i>Schizophrenia Research</i> , 1997, 27, 169-180.	1.1	11
48	Optimal Oct-2 Affinity for an Extended DNA Site and the Effect of GST Fusion on Site Preference. <i>Archives of Biochemistry and Biophysics</i> , 2001, 385, 397-405.	1.4	9
49	The POU-domain factor Brn-3.0 recognizes characteristic sites in the herpes simplex virus genome. <i>Nucleic Acids Research</i> , 1997, 25, 2589-2594.	6.5	8
50	The Dorsal Medial Habenula Minimally Impacts Circadian Regulation of Locomotor Activity and Sleep. <i>Journal of Biological Rhythms</i> , 2017, 32, 444-455.	1.4	8
51	Mapping Cell Types and Efferent Pathways in the Ascending Relaxin-3 System of the Nucleus Incertus. <i>ENeuro</i> , 2020, 7, ENEURO.0272-20.2020.	0.9	8
52	Allele specific analysis of the ADRBK2 gene in lymphoblastoid cells from bipolar disorder patients. <i>Journal of Psychiatric Research</i> , 2010, 44, 201-208.	1.5	7
53	Unaltered expression of Bcl-2 and TAG-1/axonin-1 precedes sensory apoptosis in Brn3a knockout mice. <i>NeuroReport</i> , 2003, 14, 173-176.	0.6	5
54	Genetically Targeted Connectivity Tracing Excludes Dopaminergic Inputs to the Interpeduncular Nucleus from the Ventral Tegmentum and Substantia Nigra. <i>ENeuro</i> , 2021, 8, ENEURO.0127-21.2021.	0.9	5

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55	Regulation of FGF10 by POU transcription factor Brn3a in the developing trigeminal ganglion. Journal of Neurobiology, 2006, 66, 1075-1083.	3.7	3
56	Evaluating cerebellar functions using optogenetic transgenic mice. Proceedings of SPIE, 2013, , .	0.8	0
57	A combinatorial optogenetic approach to medial habenula function. , 2013, , .		0
58	Nerve endings reveal hidden diversity in the skin. ELife, 2012, 1, e00352.	2.8	0
59	POU Domain Transcription Factors in the Neuroendocrine System. , 1995, , 85-95.		0