Evan S Deneris

List of Publications by Year in Descending Order

67 papers	7,461 citations	40 h-index	71 g-index
71 ext. papers	8,145 ext. citations	10 avg, IF	5.45 L-index

#	Paper	IF	Citations
67	An adult-stage transcriptional program for survival of serotonergic connectivity.. *Cell Reports*, **2022**, 39, 110711	10.6	1
66	A brain-wide functional map of the serotonergic responses to acute stress and fluoxetine. *Nature Communications*, **2019**, 10, 350	17.4	44
65	Lmx1b is required at multiple stages to build expansive serotonergic axon architectures. *ELife*, **2019**, 8,	8.9	17
64	Author response: Lmx1b is required at multiple stages to build expansive serotonergic axon architectures **2019**,		2
63	Serotonin neuron development: shaping molecular and structural identities. *Wiley Interdisciplinary Reviews: Developmental Biology*, **2018**, 7, e301	5.9	44
62	Regulatory Mechanisms Controlling Maturation of Serotonin Neuron Identity and Function. *Frontiers in Cellular Neuroscience*, **2017**, 11, 215	6.1	17
61	Adult Brain Serotonin Deficiency Causes Hyperactivity, Circadian Disruption, and Elimination of Siestas. *Journal of Neuroscience*, **2016**, 36, 9828-42	6.6	38
60	Pet-1 Switches Transcriptional Targets Postnatally to Regulate Maturation of Serotonin Neuron Excitability. *Journal of Neuroscience*, **2016**, 36, 1758-74	6.6	34
59	Preservation of Essential Odor-Guided Behaviors and Odor-Based Reversal Learning after Targeting Adult Brain Serotonin Synthesis. *ENeuro*, **2016**, 3,	3.9	11
58	Gi/o-coupled receptor signaling restricts pancreatic β-cell expansion. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2888-93	11.5	44
57	Pet-1 Controls Tetrahydrobiopterin Pathway and Slc22a3 Transporter Genes in Serotonin Neurons. *ACS Chemical Neuroscience*, **2015**, 6, 1198-205	5.7	15
56	Vertebrate cone opsins enable sustained and highly sensitive rapid control of Gi/o signaling in anxiety circuitry. *Neuron*, **2014**, 81, 1263-1273	13.9	66
55	Maintenance of postmitotic neuronal cell identity. *Nature Neuroscience*, **2014**, 17, 899-907	25.5	117
54	MicroRNA 135 is essential for chronic stress resiliency, antidepressant efficacy, and intact serotonergic activity. *Neuron*, **2014**, 83, 344-360	13.9	270
53	Pet-1 deficiency alters the circadian clock and its temporal organization of behavior. *PLoS ONE*, **2014**, 9, e97412	3.7	12
52	Gq/5-HT2c receptor signals activate a local GABAergic inhibitory feedback circuit to modulate serotonergic firing and anxiety in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 6479-84	11.5	56
51	Postnatal growth defects in mice with constitutive depletion of central serotonin. *ACS Chemical Neuroscience*, **2013**, 4, 171-81	5.7	60

50	A subpopulation of serotonergic neurons that do not express the 5-HT1A autoreceptor. *ACS Chemical Neuroscience*, **2013**, 4, 89-95	5.7	26
49	Paradoxical increase in survival of newborn neurons in the dentate gyrus of mice with constitutive depletion of serotonin. *European Journal of Neuroscience*, **2013**, 38, 2650-8	3.5	35
48	HDAC6 regulates glucocorticoid receptor signaling in serotonin pathways with critical impact on stress resilience. *Journal of Neuroscience*, **2012**, 32, 4400-16	6.6	99
47	Serotonergic transcriptional networks and potential importance to mental health. *Nature Neuroscience*, **2012**, 15, 519-27	25.5	84
46	Engrailed is required in maturing serotonin neurons to regulate the cytoarchitecture and survival of the dorsal raphe nucleus. *Journal of Neuroscience*, **2012**, 32, 7832-42	6.6	34
45	The presynaptic component of the serotonergic system is required for clozapine's efficacy. *Neuropsychopharmacology*, **2011**, 36, 638-51	8.7	55
44	Convergence of the insulin and serotonin programs in the pancreatic β-cell. *Diabetes*, **2011**, 60, 3208-16	0.9	109
43	Molecular genetics of mouse serotonin neurons across the lifespan. *Neuroscience*, **2011**, 197, 17-27	3.9	30
42	A transient placental source of serotonin for the fetal forebrain. *Nature*, **2011**, 472, 347-50	50.4	369
41	The unusual response of serotonergic neurons after CNS Injury: lack of axonal dieback and enhanced sprouting within the inhibitory environment of the glial scar. *Journal of Neuroscience*, **2011**, 31, 5605-16	6.6	79
40	Transcriptional control of serotonin-modulated behavior and physiology. *Neuropsychopharmacology*, **2011**, 36, 361-2	8.7	7
39	Pet-1 is required across different stages of life to regulate serotonergic function. *Nature Neuroscience*, **2010**, 13, 1190-8	25.5	132
38	The ETS oncogene family transcription factor FEV identifies serotonin-producing cells in normal and neoplastic small intestine. *Endocrine-Related Cancer*, **2010**, 17, 283-91	5.7	13
37	Substitution of 5-HT1A receptor signaling by a light-activated G protein-coupled receptor. *Journal of Biological Chemistry*, **2010**, 285, 30825-36	5.4	101
36	Distinct transcriptomes define rostral and caudal serotonin neurons. *Journal of Neuroscience*, **2010**, 30, 670-84	6.6	92
35	Serotonergic neurons migrate radially through the neuroepithelium by dynamin-mediated somal translocation. *Journal of Neuroscience*, **2010**, 30, 420-30	6.6	39
34	Bradycardia in serotonin-deficient Pet-1-/- mice: influence of respiratory dysfunction and hyperthermia over the first 2 postnatal weeks. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2010**, 298, R1333-42	3.2	32
33	Medullary serotonin neurons and central CO2 chemoreception. *Respiratory Physiology and Neurobiology*, **2009**, 168, 49-58	2.8	106

32	Serotonergic transcriptional programming determines maternal behavior and offspring survival. *Nature Neuroscience*, **2008**, 11, 1001-3	25.5	86
31	Redefining the serotonergic system by genetic lineage. *Nature Neuroscience*, **2008**, 11, 417-9	25.5	195
30	Defects in breathing and thermoregulation in mice with near-complete absence of central serotonin neurons. *Journal of Neuroscience*, **2008**, 28, 2495-505	6.6	252
29	Serotonergic transcription of human FEV reveals direct GATA factor interactions and fate of Pet-1-deficient serotonin neuron precursors. *Journal of Neuroscience*, **2008**, 28, 12748-58	6.6	26
28	Mice lacking central serotonergic neurons show enhanced inflammatory pain and an impaired analgesic response to antidepressant drugs. *Journal of Neuroscience*, **2007**, 27, 6045-53	6.6	115
27	Developmental cell death is enhanced in the cerebral cortex of mice lacking the brain vesicular monoamine transporter. *Journal of Neuroscience*, **2007**, 27, 1315-24	6.6	35
26	Arrest of 5HT neuron differentiation delays respiratory maturation and impairs neonatal homeostatic responses to environmental challenges. *Respiratory Physiology and Neurobiology*, **2007** , 159, 85-101	2.8	82
25	Lmx1b is required for maintenance of central serotonergic neurons and mice lacking central serotonergic system exhibit normal locomotor activity. *Journal of Neuroscience*, **2006**, 26, 12781-8	6.6	165
24	Shared long-range regulatory elements coordinate expression of a gene cluster encoding nicotinic receptor heteromeric subtypes. *Molecular and Cellular Biology*, **2006**, 26, 5636-49	4.8	38
23	Making and breaking serotonin neurons and autism. *International Journal of Developmental Neuroscience*, **2005**, 23, 277-85	2.7	61
22	Regional distribution and cellular localization of the ETS-domain transcription factor, FEV, mRNA in the human postmortem brain. *Synapse*, **2005**, 57, 223-8	2.4	17
21	A differentially autoregulated Pet-1 enhancer region is a critical target of the transcriptional cascade that governs serotonin neuron development. *Journal of Neuroscience*, **2005**, 25, 2628-36	6.6	52
20	A genetic approach to access serotonin neurons for in vivo and in vitro studies. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 16472-7	11.5	169
19	Lmx1b is essential for the development of serotonergic neurons. *Nature Neuroscience*, **2003**, 6, 933-8	25.5	212
18	Pet-1 ETS gene plays a critical role in 5-HT neuron development and is required for normal anxiety-like and aggressive behavior. *Neuron*, **2003**, 37, 233-47	13.9	371
17	Retinal neuron activity of ETS domain-binding sites in a nicotinic acetylcholine receptor gene cluster enhancer. *Journal of Biological Chemistry*, **2002**, 277, 6511-9	5.4	10
16	Nicotinic acetylcholine receptor subunit proteins alpha7 and beta4 decrease in the superior cervical ganglion after axotomy. *Journal of Neurobiology*, **2001**, 46, 178-92		26
15	Regulation of transcription in the neuronal nicotinic receptor subunit gene cluster by a neuron-selective enhancer and ETS domain factors. *Journal of Biological Chemistry*, **2000**, 275, 28962-70	5.4	20

14	The ETS domain factor Pet-1 is an early and precise marker of central serotonin neurons and interacts with a conserved element in serotonergic genes. *Journal of Neuroscience*, **1999**, 19, 10348-56	6.6	244
13	Pet-1, a novel ETS domain factor that can activate neuronal nAchR gene transcription **1998**, 34, 151-163		45
12	Differential regulation of levels of nicotinic receptor subunit transcripts in adult sympathetic neurons after axotomy. *Journal of Neurobiology*, **1998**, 34, 164-78		44
11	beta43d An enhancer displaying neural-restricted activity is located in the 3duntranslated exon of the rat nicotinic acetylcholine receptor beta4 gene. *Journal of Neuroscience*, **1997**, 17, 2273-83	6.6	37
10	Elements between the protein-coding regions of the adjacent □4 and □3 acetylcholine receptor genes direct neuron-specific expression in the central nervous system **1997**, 32, 311-324		24
9	Transcriptional analysis of acetylcholine receptor alpha 3 gene promoter motifs that bind Sp1 and AP2. *Journal of Biological Chemistry*, **1995**, 270, 8514-20	5.4	62
8	Pharmacological and functional diversity of neuronal nicotinic acetylcholine receptors. *Trends in Pharmacological Sciences*, **1991**, 12, 34-40	13.2	267
7	Cloning of a novel glutamate receptor subunit, GluR5: expression in the nervous system during development. *Neuron*, **1990**, 5, 583-95	13.9	569
6	Distribution of alpha 2, alpha 3, alpha 4, and beta 2 neuronal nicotinic receptor subunit mRNAs in the central nervous system: a hybridization histochemical study in the rat. *Journal of Comparative Neurology*, **1989**, 284, 314-35	3.4	943
5	The functional diversity of the neuronal nicotinic acetylcholine receptors is increased by a novel subunit: beta 4. *Neuron*, **1989**, 3, 487-96	13.9	276
4	Structure and function of neuronal nicotinic acetylcholine receptors deduced from cDNA clones. *Progress in Brain Research*, **1989**, 79, 27-33	2.9	12
3	Primary structure and expression of beta 2: a novel subunit of neuronal nicotinic acetylcholine receptors. *Neuron*, **1988**, 1, 45-54	13.9	292
2	Members of a nicotinic acetylcholine receptor gene family are expressed in different regions of the mammalian central nervous system. *Cell*, **1987**, 48, 965-73	56.2	372
1	In vitro biosynthesis of isoprene from mevalonate utilizing a rat liver cytosolic fraction. *Biochemical and Biophysical Research Communications*, **1984**, 123, 691-6	3.4	52