Paul A Gray

List of Publications by Year in descending order

41 papers	3,556 citations	236925 25 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	4256 citing authors

#	ARTICLE	IF	CITATIONS
1	Barrington's nucleus: Neuroanatomic landscape of the mouse "pontine micturition center" Journal of Comparative Neurology, 2017, 525, 2287-2309.	1.6	57
2	Respiratory Network Stability and Modulatory Response to Substance P Require Nalcn. Neuron, 2017, 94, 294-303.e4.	8.1	52
3	Barrington's nucleus: Neuroanatomic landscape of the mouse "pontine micturition center" Journal of Comparative Neurology, 2017, 525, spc1-spc1.	1.6	1
4	A subset of ipRGCs regulates both maturation of the circadian clock and segregation of retinogeniculate projections in mice. ELife, 2017, 6, .	6.0	64
5	The neural control of respiration in lampreys. Respiratory Physiology and Neurobiology, 2016, 234, 14-25.	1.6	17
6	Absence of mutations in HCRT , HCRTR1 and HCRTR2 in patients with ROHHAD. Respiratory Physiology and Neurobiology, 2016, 221, 59-63.	1.6	19
7	Diving into the mammalian swamp of respiratory rhythm generation with the bullfrog. Respiratory Physiology and Neurobiology, 2016, 224, 37-51.	1.6	18
8	Testing the evolutionary conservation of vocal motoneurons in vertebrates. Respiratory Physiology and Neurobiology, 2016, 224, 2-10.	1.6	23
9	Rapid-Onset Obesity with Hypothalamic Dysfunction, Hypoventilation, and Autonomic Dysregulation (ROHHAD): exome sequencing of trios, monozygotic twins and tumours. Orphanet Journal of Rare Diseases, 2015, 10, 103.	2.7	45
10	Dbx1 precursor cells are a source of inspiratory XII premotoneurons. ELife, 2015, 4, .	6.0	50
11	Dysregulation of locus coeruleus development in congenital central hypoventilation syndrome. Acta Neuropathologica, 2015, 130, 171-183.	7.7	45
12	Testing the role of preBÃ¶tzinger Complex somatostatin neurons in respiratory and vocal behaviors. European Journal of Neuroscience, 2014, 40, 3067-3077.	2.6	25
13	Atoh1-dependent rhombic lip neurons are required for temporal delay between independent respiratory oscillators in embryonic mice. ELife, 2014, 3, e02265.	6.0	23
14	Understanding the Rhythm of Breathing: So Near, Yet So Far. Annual Review of Physiology, 2013, 75, 423-452.	13.1	369
15	Translational profiling of hypocretin neurons identifies candidate molecules for sleep regulation. Genes and Development, 2013, 27, 565-578.	5.9	87
16	Transcription factors define the neuroanatomical organization of the medullary reticular formation. Frontiers in Neuroanatomy, 2013, 7, 7.	1.7	65
17	Identification of molecular compartments and genetic circuitry in the developing mammalian kidney. Development (Cambridge), 2012, 139, 1863-1873.	2.5	51
18	Atoh1 Governs the Migration of Postmitotic Neurons that Shape Respiratory Effectiveness at Birth and Chemoresponsiveness in Adulthood. Neuron, 2012, 75, 799-809.	8.1	51

#	Article	IF	Citations
19	Genome‐scale study of transcription factor expression in the branching mouse lung. Developmental Dynamics, 2012, 241, 1432-1453.	1.8	55
20	FoxP2 expression defines dorsolateral pontine neurons activated by sodium deprivation. Brain Research, 2011, 1375, 19-27.	2.2	52
21	Development, Maturation, and Necessity of Transcription Factors in the Mouse Suprachiasmatic Nucleus. Journal of Neuroscience, 2011, 31, 6457-6467.	3.6	67
22	Developmental Origin of PreBÃ¶tzinger Complex Respiratory Neurons. Journal of Neuroscience, 2010, 30, 14883-14895.	3.6	175
23	A differential developmental pattern of spinal interneuron apoptosis during synaptogenesis: insights from genetic analyses of the protocadherin-Î³ gene cluster. Development (Cambridge), 2008, 135, 4153-4164.	2.5	105
24	Central Respiratory Rhythmogenesis Is Abnormal in Lbx1- Deficient Mice. Journal of Neuroscience, 2008, 28, 11030-11041.	3.6	70
25	Transcription factors and the genetic organization of brain stem respiratory neurons. Journal of Applied Physiology, 2008, 104, 1513-1521.	2.5	86
26	A Multipotent Progenitor Domain Guides Pancreatic Organogenesis. Developmental Cell, 2007, 13, 103-114.	7.0	484
27	A dynamic expression survey identifies transcription factors relevant in mouse digestive tract development. Development (Cambridge), 2006, 133, 4119-4129.	2.5	73
28	Mouse Brain Organization Revealed Through Direct Genome-Scale TF Expression Analysis. Science, 2004, 306, 2255-2257.	12.6	390
29	Tlx3 and Tlx1 are post-mitotic selector genes determining glutamatergic over GABAergic cell fates. Nature Neuroscience, 2004, 7, 510-517.	14.8	311
30	Collaborative Metacomputing with IceT. Journal of Supercomputing, 2002, 23, 139-166.	3.6	0
31	Normal breathing requires preBÃ¶tzinger complex neurokinin-1 receptor-expressing neurons. Nature Neuroscience, 2001, 4, 927-930.	14.8	481
32	A Repository System with Secure File Access for Collaborative Environments. Lecture Notes in Computer Science, 2001, , 404-412.	1.3	1
33	Certificate Use for Supporting Merging and Splitting of Computational Environmentsâ€¹â€ . Lecture Notes in Computer Science, 2001, , 141-150.	1.3	1
34	Aspects of portability and distributed execution for JNI-wrapped message passing libraries. Concurrency and Computation: Practice and Experience, 2000, 12, 1039-1050.	0.5	4
35	Sighs and gasps in a dish. Nature Neuroscience, 2000, 3, 531-532.	14.8	91
36	Building Distributed Applications Using Multiple, Heterogeneous Environments. Lecture Notes in Computer Science, 2000, , 709-717.	1.3	0

#	Article	IF	Citations
37	Metacomputing with the ICET System. International Journal of High Performance Computing Applications, 1999, 13, 241-252.	3.7	5
38	Developing technologies for broad-network concurrent computing. Journal of Systems Architecture, 1999, 45, 1279-1291.	4.3	0
39	Native-language-based distributed computing across network and filesystem boundaries. Concurrency and Computation: Practice and Experience, 1998, 10, 901-909.	0.5	6
40	IceT: distributed computing and Java. Concurrency and Computation: Practice and Experience, 1997, 9, 1161-1167.	0.5	32
41	The IceT environment for parallel and distributed computing. Lecture Notes in Computer Science, 1997, , 275-282.	1.3	5