

Paul A Gray

List of Publications by Year in descending order

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Version: 2024-02-01

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	A Multipotent Progenitor Domain Guides Pancreatic Organogenesis. <i>Developmental Cell</i> , 2007, 13, 103-114.	7.0	484
2	Normal breathing requires preBötzing complex neurokinin-1 receptor-expressing neurons. <i>Nature Neuroscience</i> , 2001, 4, 927-930.	14.8	481
3	Mouse Brain Organization Revealed Through Direct Genome-Scale TF Expression Analysis. <i>Science</i> , 2004, 306, 2255-2257.	12.6	390
4	Understanding the Rhythm of Breathing: So Near, Yet So Far. <i>Annual Review of Physiology</i> , 2013, 75, 423-452.	13.1	369
5	Tlx3 and Tlx1 are post-mitotic selector genes determining glutamatergic over GABAergic cell fates. <i>Nature Neuroscience</i> , 2004, 7, 510-517.	14.8	311
6	Developmental Origin of PreBötzing Complex Respiratory Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 14883-14895.	3.6	175
7	A differential developmental pattern of spinal interneuron apoptosis during synaptogenesis: insights from genetic analyses of the protocadherin-13 gene cluster. <i>Development (Cambridge)</i> , 2008, 135, 4153-4164.	2.5	105
8	Sighs and gasps in a dish. <i>Nature Neuroscience</i> , 2000, 3, 531-532.	14.8	91
9	Translational profiling of hypocretin neurons identifies candidate molecules for sleep regulation. <i>Genes and Development</i> , 2013, 27, 565-578.	5.9	87
10	Transcription factors and the genetic organization of brain stem respiratory neurons. <i>Journal of Applied Physiology</i> , 2008, 104, 1513-1521.	2.5	86
11	A dynamic expression survey identifies transcription factors relevant in mouse digestive tract development. <i>Development (Cambridge)</i> , 2006, 133, 4119-4129.	2.5	73
12	Central Respiratory Rhythmogenesis Is Abnormal in Lbx1- Deficient Mice. <i>Journal of Neuroscience</i> , 2008, 28, 11030-11041.	3.6	70
13	Development, Maturation, and Necessity of Transcription Factors in the Mouse Suprachiasmatic Nucleus. <i>Journal of Neuroscience</i> , 2011, 31, 6457-6467.	3.6	67
14	Transcription factors define the neuroanatomical organization of the medullary reticular formation. <i>Frontiers in Neuroanatomy</i> , 2013, 7, 7.	1.7	65
15	A subset of ipRGCs regulates both maturation of the circadian clock and segregation of retinogeniculate projections in mice. <i>ELife</i> , 2017, 6, .	6.0	64
16	Barrington's nucleus: Neuroanatomic landscape of the mouse œpontine micturition centerœ. <i>Journal of Comparative Neurology</i> , 2017, 525, 2287-2309.	1.6	57
17	Genome-scale study of transcription factor expression in the branching mouse lung. <i>Developmental Dynamics</i> , 2012, 241, 1432-1453.	1.8	55
18	FoxP2 expression defines dorsolateral pontine neurons activated by sodium deprivation. <i>Brain Research</i> , 2011, 1375, 19-27.	2.2	52

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19	Respiratory Network Stability and Modulatory Response to Substance P Require Nalcn. <i>Neuron</i> , 2017, 94, 294-303.e4.	8.1	52
20	Identification of molecular compartments and genetic circuitry in the developing mammalian kidney. <i>Development (Cambridge)</i> , 2012, 139, 1863-1873.	2.5	51
21	Atoh1 Governs the Migration of Postmitotic Neurons that Shape Respiratory Effectiveness at Birth and Chemosensitiveness in Adulthood. <i>Neuron</i> , 2012, 75, 799-809.	8.1	51
22	Dbx1 precursor cells are a source of inspiratory XII premotoneurons. <i>ELife</i> , 2015, 4, .	6.0	50
23	Rapid-Onset Obesity with Hypothalamic Dysfunction, Hypoventilation, and Autonomic Dysregulation (ROHHAD): exome sequencing of trios, monozygotic twins and tumours. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, 103.	2.7	45
24	Dysregulation of locus coeruleus development in congenital central hypoventilation syndrome. <i>Acta Neuropathologica</i> , 2015, 130, 171-183.	7.7	45
25	IceT: distributed computing and Java. <i>Concurrency and Computation: Practice and Experience</i> , 1997, 9, 1161-1167.	0.5	32
26	Testing the role of preBötzing Complex somatostatin neurons in respiratory and vocal behaviors. <i>European Journal of Neuroscience</i> , 2014, 40, 3067-3077.	2.6	25
27	Testing the evolutionary conservation of vocal motoneurons in vertebrates. <i>Respiratory Physiology and Neurobiology</i> , 2016, 224, 2-10.	1.6	23
28	Atoh1-dependent rhombic lip neurons are required for temporal delay between independent respiratory oscillators in embryonic mice. <i>ELife</i> , 2014, 3, e02265.	6.0	23
29	Absence of mutations in HCRT , HCRTR1 and HCRTR2 in patients with ROHHAD. <i>Respiratory Physiology and Neurobiology</i> , 2016, 221, 59-63.	1.6	19
30	Diving into the mammalian swamp of respiratory rhythm generation with the bullfrog. <i>Respiratory Physiology and Neurobiology</i> , 2016, 224, 37-51.	1.6	18
31	The neural control of respiration in lampreys. <i>Respiratory Physiology and Neurobiology</i> , 2016, 234, 14-25.	1.6	17
32	Native-language-based distributed computing across network and filesystem boundaries. <i>Concurrency and Computation: Practice and Experience</i> , 1998, 10, 901-909.	0.5	6
33	Metacomputing with the ICET System. <i>International Journal of High Performance Computing Applications</i> , 1999, 13, 241-252.	3.7	5
34	The IceT environment for parallel and distributed computing. <i>Lecture Notes in Computer Science</i> , 1997, , 275-282.	1.3	5
35	Aspects of portability and distributed execution for JNI-wrapped message passing libraries. <i>Concurrency and Computation: Practice and Experience</i> , 2000, 12, 1039-1050.	0.5	4
36	Barrington's nucleus: Neuroanatomic landscape of the mouse "œpontine micturition center". <i>Journal of Comparative Neurology</i> , 2017, 525, spc1-spc1.	1.6	1

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37	A Repository System with Secure File Access for Collaborative Environments. Lecture Notes in Computer Science, 2001, , 404-412.	1.3	1
38	Certificate Use for Supporting Merging and Splitting of Computational Environments. Lecture Notes in Computer Science, 2001, , 141-150.	1.3	1
39	Developing technologies for broad-network concurrent computing. Journal of Systems Architecture, 1999, 45, 1279-1291.	4.3	0
40	Collaborative Metacomputing with IceT. Journal of Supercomputing, 2002, 23, 139-166.	3.6	0
41	Building Distributed Applications Using Multiple, Heterogeneous Environments. Lecture Notes in Computer Science, 2000, , 709-717.	1.3	0