

Jane E Johnson

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

7,809
citations

126907

33
h-index

149698

56
g-index

63
all docs

63
docs citations

63
times ranked

8674
citing authors

#	ARTICLE	IF	CITATIONS
1	Mammalian achaete-scute homolog 1 is required for the early development of olfactory and autonomic neurons. <i>Cell</i> , 1993, 75, 463-476.	28.9	989
2	Molecular subtypes of small cell lung cancer: a synthesis of human and mouse model data. <i>Nature Reviews Cancer</i> , 2019, 19, 289-297.	28.4	692
3	Wnt signalling required for expansion of neural crest and CNS progenitors. <i>Nature</i> , 1997, 389, 966-970.	27.8	655
4	Two rat homologues of <i>Drosophila</i> achaete-scute specifically expressed in neuronal precursors. <i>Nature</i> , 1990, 346, 858-861.	27.8	525
5	MYC Drives Progression of Small Cell Lung Cancer to a Variant Neuroendocrine Subtype with Vulnerability to Aurora Kinase Inhibition. <i>Cancer Cell</i> , 2017, 31, 270-285.	16.8	406
6	The role of Math1 in inner ear development: Uncoupling the establishment of the sensory primordium from hair cell fate determination. <i>Development (Cambridge)</i> , 2002, 129, 2495-2505.	2.5	396
7	ASCL1 and NEUROD1 Reveal Heterogeneity in Pulmonary Neuroendocrine Tumors and Regulate Distinct Genetic Programs. <i>Cell Reports</i> , 2016, 16, 1259-1272.	6.4	340
8	Specification of dorsal spinal cord interneurons. <i>Current Opinion in Neurobiology</i> , 2003, 13, 42-49.	4.2	318
9	Crossinhibitory Activities of Ngn1 and Math1 Allow Specification of Distinct Dorsal Interneurons. <i>Neuron</i> , 2001, 31, 219-232.	8.1	286
10	ASCL1 is a lineage oncogene providing therapeutic targets for high-grade neuroendocrine lung cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14788-14793.	7.1	205
11	Ptf1a determines GABAergic over glutamatergic neuronal cell fate in the spinal cord dorsal horn. <i>Development (Cambridge)</i> , 2005, 132, 5461-5469.	2.5	195
12	SOX2 Reprograms Resident Astrocytes into Neural Progenitors in the Adult Brain. <i>Stem Cell Reports</i> , 2015, 4, 780-794.	4.8	192
13	Adult Lineage-Restricted CNS Progenitors Specify Distinct Glioblastoma Subtypes. <i>Cancer Cell</i> , 2015, 28, 429-440.	16.8	171
14	Making sense out of spinal cord somatosensory development. <i>Development (Cambridge)</i> , 2016, 143, 3434-3448.	2.5	161
15	Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?. <i>Journal of Thoracic Oncology</i> , 2016, 11, 453-474.	1.1	156
16	Ascl1 defines sequentially generated lineage-restricted neuronal and oligodendrocyte precursor cells in the spinal cord. <i>Development (Cambridge)</i> , 2007, 134, 285-293.	2.5	154
17	Ascl1 (Mash1) lineage cells contribute to discrete cell populations in CNS architecture. <i>Molecular and Cellular Neurosciences</i> , 2008, 38, 595-606.	2.2	137
18	Prospective identification of functionally distinct stem cells and neurosphere-initiating cells in adult mouse forebrain. <i>ELife</i> , 2014, 3, e02669.	6.0	128

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19	New Approaches to SCLC Therapy: From the Laboratory to the Clinic. <i>Journal of Thoracic Oncology</i> , 2020, 15, 520-540.	1.1	119
20	A nonclassical bHLH-Rbpj transcription factor complex is required for specification of GABAergic neurons independent of Notch signaling. <i>Genes and Development</i> , 2008, 22, 166-178.	5.9	116
21	Sequential roles for Mash1 and Ngn2 in the generation of dorsal spinal cord interneurons. <i>Development (Cambridge)</i> , 2005, 132, 2709-2719.	2.5	110
22	TrkB dependent adult hippocampal progenitor differentiation mediates sustained ketamine antidepressant response. <i>Nature Communications</i> , 2017, 8, 1668.	12.8	103
23	The Comparative Pathology of Genetically Engineered Mouse Models for Neuroendocrine Carcinomas of the Lung. <i>Journal of Thoracic Oncology</i> , 2015, 10, 553-564.	1.1	100
24	Distinct domains within Mash1 and Math1 are required for function in neuronal differentiation versus neuronal cell-type specification. <i>Development (Cambridge)</i> , 2004, 131, 1319-1330.	2.5	95
25	Transcriptional Autoregulation Controls Pancreatic <i>Ptf1a</i> Expression during Development and Adulthood. <i>Molecular and Cellular Biology</i> , 2008, 28, 5458-5468.	2.3	93
26	A transcription factor network specifying inhibitory versus excitatory neurons in the dorsal spinal cord. <i>Development (Cambridge)</i> , 2014, 141, 2803-2812.	2.5	86
27	Prdm13 Mediates the Balance of Inhibitory and Excitatory Neurons in Somatosensory Circuits. <i>Developmental Cell</i> , 2013, 25, 182-195.	7.0	60
28	In Vivo Neuronal Subtype-Specific Targets of Atoh1 (Math1) in Dorsal Spinal Cord. <i>Journal of Neuroscience</i> , 2011, 31, 10859-10871.	3.6	56
29	Multiple Transcriptional Mechanisms Control Ptf1a Levels during Neural Development Including Autoregulation by the PTF1-J Complex. <i>Journal of Neuroscience</i> , 2009, 29, 11139-11148.	3.6	54
30	Commissural neuron identity is specified by a homeodomain protein, Mbh1, that is directly downstream of Math1. <i>Development (Cambridge)</i> , 2005, 132, 2147-2155.	2.5	50
31	<i>Prdm12</i> specifies V1 interneurons through cross-repressive interactions with <i>Dbx1</i> and <i>Nrx6</i> genes in <i>Xenopus</i> . <i>Development (Cambridge)</i> , 2015, 142, 3416-3428.	2.5	45
32	Cell-autonomous immune gene expression is repressed in pulmonary neuroendocrine cells and small cell lung cancer. <i>Communications Biology</i> , 2021, 4, 314.	4.4	44
33	Neurogenin 1 (Neurog1) expression in the ventral neural tube is mediated by a distinct enhancer and preferentially marks ventral interneuron lineages. <i>Developmental Biology</i> , 2010, 340, 283-292.	2.0	41
34	Evasion of Innate Immunity Contributes to Small Cell Lung Cancer Progression and Metastasis. <i>Cancer Research</i> , 2021, 81, 1813-1826.	0.9	41
35	Notch-Independent Functions of CSL. <i>Current Topics in Developmental Biology</i> , 2011, 97, 55-74.	2.2	39
36	Repression by PRDM13 is critical for generating precision in neuronal identity. <i>ELife</i> , 2017, 6, .	6.0	37

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37	Ascl1 controls the number and distribution of astrocytes and oligodendrocytes in the gray matter and white matter of the spinal cord. <i>Development (Cambridge)</i> , 2014, 141, 3721-3731.	2.5	36
38	Phox2a Defines a Developmental Origin of the Anterolateral System in Mice and Humans. <i>Cell Reports</i> , 2020, 33, 108425.	6.4	35
39	Numb and Numbl like control cell number during vertebrate neurogenesis. <i>Trends in Neurosciences</i> , 2003, 26, 395-396.	8.6	32
40	ASCL1 represses a SOX9 ⁺ neural crest stem-like state in small cell lung cancer. <i>Genes and Development</i> , 2021, 35, 847-869.	5.9	32
41	Program Specificity for Ptf1a in Pancreas versus Neural Tube Development Correlates with Distinct Collaborating Cofactors and Chromatin Accessibility. <i>Molecular and Cellular Biology</i> , 2013, 33, 3166-3179.	2.3	31
42	Intrinsic DNA binding properties demonstrated for lineage-specifying basic helix-loop-helix transcription factors. <i>Genome Research</i> , 2018, 28, 484-496.	5.5	31
43	ASCL1 regulates neurodevelopmental transcription factors and cell cycle genes in brain tumors of glioma mouse models. <i>Glia</i> , 2020, 68, 2613-2630.	4.9	31
44	Subtype-specific secretomic characterization of pulmonary neuroendocrine tumor cells. <i>Nature Communications</i> , 2019, 10, 3201.	12.8	26
45	ASCL1, NKX2-1, and PROX1 co-regulate subtype-specific genes in small-cell lung cancer. <i>iScience</i> , 2021, 24, 102953.	4.1	21
46	ASCL1 regulates proliferation of NG2 ⁺ glia in the embryonic and adult spinal cord. <i>Glia</i> , 2018, 66, 1862-1880.	4.9	20
47	Prdm13 is required for Ebf3 ⁺ amacrine cell formation in the retina. <i>Developmental Biology</i> , 2018, 434, 149-163.	2.0	19
48	The Epithelial Sodium Channel (ENaC) Is a Downstream Therapeutic Target of ASCL1 in Pulmonary Neuroendocrine Tumors. <i>Translational Oncology</i> , 2018, 11, 292-299.	3.7	14
49	Identifying a missing lineage driver in a subset of lung neuroendocrine tumors. <i>Genes and Development</i> , 2018, 32, 865-867.	5.9	13
50	Misexpression of Ptf1a in Cortical Pyramidal Cells In Vivo Promotes an Inhibitory Peptidergic Identity. <i>Journal of Neuroscience</i> , 2015, 35, 6028-6037.	3.6	9
51	Positive autofeedback regulation of Ptf1a transcription generates the levels of PTF1A required to generate itch circuit neurons. <i>Genes and Development</i> , 2020, 34, 621-636.	5.9	9
52	Regulating the dorsal neural tube expression of Ptf1a through a distal 3â€² enhancer. <i>Developmental Biology</i> , 2016, 418, 216-225.	2.0	8
53	Inhibition of Karyopherin Î²1-Mediated Nuclear Import Disrupts Oncogenic Lineage-Defining Transcription Factor Activity in Small Cell Lung Cancer. <i>Cancer Research</i> , 2022, 82, 3058-3073.	0.9	6
54	Opening a Chromatin Gate to Metastasis. <i>Cell</i> , 2016, 166, 275-276.	28.9	3

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55	bHLH factors in neurogenesis and neuronal subtype specification. , 2020, , 311-332.		3
56	Different Originating Cells Underlie Intertumoral Heterogeneity in Lung Neuroendocrine Tumors. Cancer Discovery, 2018, 8, 1216-1218.	9.4	2