

Jeffrey A Golden

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,632
citations

279701

23
h-index

414303

32
g-index

41
all docs

41
docs citations

41
times ranked

4002
citing authors

#	ARTICLE	IF	CITATIONS
1	Semaphorin III is needed for normal patterning and growth of nerves, bones and heart. <i>Nature</i> , 1996, 383, 525-528.	13.7	544
2	Single cell RNA sequencing of human microglia uncovers a subset associated with Alzheimer's disease. <i>Nature Communications</i> , 2020, 11, 6129.	5.8	371
3	Down Syndrome Developmental Brain Transcriptome Reveals Defective Oligodendrocyte Differentiation and Myelination. <i>Neuron</i> , 2016, 89, 1208-1222.	3.8	201
4	Targeted loss of Arx results in a developmental epilepsy mouse model and recapitulates the human phenotype in heterozygous females. <i>Brain</i> , 2009, 132, 1563-1576.	3.7	178
5	Stage-specific effects of bone morphogenetic proteins on the oligodendrocyte lineage. <i>Development</i> , 2000, 127, 1-17.		125
6	Identification of Arx transcriptional targets in the developing basal forebrain. <i>Human Molecular Genetics</i> , 2008, 17, 3740-3760.	1.4	121
7	Computational Pathology: A Path Ahead. <i>Archives of Pathology and Laboratory Medicine</i> , 2016, 140, 41-50.	1.2	99
8	Implementing the DICOM Standard for Digital Pathology. <i>Journal of Pathology Informatics</i> , 2018, 9, 37.	0.8	93
9	Hereditary spastic paraplegia-linked REEP1 modulates endoplasmic reticulum/mitochondria contacts. <i>Annals of Neurology</i> , 2015, 78, 679-696.	2.8	82
10	Neuronal migration disorders: Focus on the cytoskeleton and epilepsy. <i>Neurobiology of Disease</i> , 2016, 92, 18-45.	2.1	82
11	Computational Pathology: An Emerging Definition. <i>Archives of Pathology and Laboratory Medicine</i> , 2014, 138, 1133-1138.	1.2	78
12	Ascorbate peroxidase proximity labeling coupled with biochemical fractionation identifies promoters of endoplasmic reticulum-mitochondrial contacts. <i>Journal of Biological Chemistry</i> , 2017, 292, 16382-16392.	1.6	70
13	ARX Regulates Cortical Intermediate Progenitor Cell Expansion and Upper Layer Neuron Formation Through Repression of Cdkn1c. <i>Cerebral Cortex</i> , 2015, 25, 322-335.	1.6	56
14	Differential Mitochondrial Requirements for Radially and Non-radially Migrating Cortical Neurons: Implications for Mitochondrial Disorders. <i>Cell Reports</i> , 2016, 15, 229-237.	2.9	51
15	Nlx2.2 and Arx genetically interact to regulate pancreatic endocrine cell development and endocrine hormone expression. <i>Developmental Biology</i> , 2011, 359, 1-11.	0.9	47
16	Frequency of Neuropathological Abnormalities in Very Low Birth Weight Infants. <i>Journal of Neuropathology and Experimental Neurology</i> , 1997, 56, 472-478.	0.9	46
17	Developmental interneuron subtype deficits after targeted loss of Arx. <i>BMC Neuroscience</i> , 2016, 17, 35.	0.8	45
18	Differential effects of a polyalanine tract expansion in Arx on neural development and gene expression. <i>Human Molecular Genetics</i> , 2012, 21, 1090-1098.	1.4	42

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19	Transcriptional Regulation of Cortical Interneuron Development: Figure 1.. Journal of Neuroscience, 2007, 27, 11847-11850.	1.7	40
20	Conditional Loss of Arx From the Developing Dorsal Telencephalon Results in Behavioral Phenotypes Resembling Mild Human <i>ARX</i> Mutations. Cerebral Cortex, 2015, 25, 2939-2950.	1.6	37
21	Arx together with FoxA2, regulates Shh floor plate expression. Developmental Biology, 2014, 393, 137-148.	0.9	34
22	Deciphering serous ovarian carcinoma histopathology and platinum response by convolutional neural networks. BMC Medicine, 2020, 18, 236.	2.3	33
23	Development of a Histopathology Informatics Pipeline for Classification and Prediction of Clinical Outcomes in Subtypes of Renal Cell Carcinoma. Clinical Cancer Research, 2021, 27, 2868-2878.	3.2	32
24	Brain, eye, and face defects as a result of ectopic localization of Sonic hedgehog protein in the developing rostral neural tube. Teratology, 2001, 64, 107-113.	1.7	25
25	Aristaless Related Homeobox (ARX) Interacts with β -Catenin, BCL9, and P300 to Regulate Canonical Wnt Signaling. PLoS ONE, 2017, 12, e0170282.	1.1	17
26	Health Care Infrastructure for Financially Sustainable Clinical Genomics. Journal of Molecular Diagnostics, 2016, 18, 697-706.	1.2	15
27	Clinical teratology counseling and consultation case report: Two distinct anterior neural tube defects in a human fetus: Evidence for an intermittent pattern of neural tube closure. Teratology, 1993, 48, 399-403.	1.7	13
28	Arx Expression Suppresses Ventralization of the Developing Dorsal Forebrain. Scientific Reports, 2019, 9, 226.	1.6	12
29	Snap29 mutant mice recapitulate neurological and ophthalmological abnormalities associated with 22q11 and CEDNIK syndrome. Communications Biology, 2019, 2, 375.	2.0	10
30	PIK3R2 / Pik3r2 Activating Mutations Result in Brain Overgrowth and EEG Changes. Annals of Neurology, 2020, 88, 1077-1094.	2.8	10
31	Developing Models of Aristaless-Related Homeobox Mutations. , 2012, , 813-823.		7
32	Stage-specific effects of bone morphogenetic proteins on the oligodendrocyte lineage. Journal of Neurobiology, 2000, 43, 1.	3.7	3
33	Identification and validation of the phosphorylation sites on Aristaless-related homeobox protein. Bioscience Reports, 2020, 40, .	1.1	2
34	Generation of FLAG-tagged <i>Arx</i> knock-in mouse model. Genesis, 0, , .	0.8	2
35	Congenital and postnatal microcephalies. , 2020, , 377-408.		1
36	Stage-specific effects of bone morphogenetic proteins on the oligodendrocyte lineage. , 2000, 43, 1.		1

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37	Pitfalls of the Morphologic Approach. Journal of Neuropathology and Experimental Neurology, 2006, 65, 302-303.	0.9	0
38	Pathological subtypes of polymicrogyria and brain development. FASEB Journal, 2007, 21, A75.	0.2	0
39	Pax6 ^{+/+} Mice have a Cell Non-Autonomous Defect in Non-Radial Interneuron Migration. FASEB Journal, 2007, 21, A75.	0.2	0
40	The Integrin Co-Activator Kindlin-2 Plays a Critical Role In Angiogenesis and Blood Vessel Integrity. Blood, 2010, 116, 4-4.	0.6	0