

Emanuel DiCicco-Bloom

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/43611/publications.pdf>

Version: 2024-02-01

48
papers

3,231
citations

172457

29
h-index

206112

48
g-index

50
all docs

50
docs citations

50
times ranked

3826
citing authors

#	ARTICLE	IF	CITATIONS
1	The Developmental Neurobiology of Autism Spectrum Disorder. <i>Journal of Neuroscience</i> , 2006, 26, 6897-6906.	3.6	384
2	Stimulation of Neonatal and Adult Brain Neurogenesis by Subcutaneous Injection of Basic Fibroblast Growth Factor. <i>Journal of Neuroscience</i> , 1999, 19, 6006-6016.	3.6	355
3	NT-3 stimulates sympathetic neuroblast proliferation by promoting precursor survival. <i>Neuron</i> , 1993, 11, 1101-1111.	8.1	211
4	Spinal Microgliosis Due to Resident Microglial Proliferation Is Required for Pain Hypersensitivity after Peripheral Nerve Injury. <i>Cell Reports</i> , 2016, 16, 605-614.	6.4	187
5	Support for the Homeobox Transcription Factor Gene ENGRAILED 2 as an Autism Spectrum Disorder Susceptibility Locus. <i>American Journal of Human Genetics</i> , 2005, 77, 851-868.	6.2	164
6	Insulin-Like Growth Factor-1 Promotes G ₁ /S Cell Cycle Progression through Bidirectional Regulation of Cyclins and Cyclin-Dependent Kinase Inhibitors via the Phosphatidylinositol 3-Kinase/Akt Pathway in Developing Rat Cerebral Cortex. <i>Journal of Neuroscience</i> , 2009, 29, 775-788.	3.6	149
7	Autism-Relevant Social Abnormalities and Cognitive Deficits in Engrailed-2 Knockout Mice. <i>PLoS ONE</i> , 2012, 7, e40914.	2.5	143
8	PACAP is an anti-mitogenic signal in developing cerebral cortex. <i>Nature Neuroscience</i> , 2001, 4, 123-124.	14.8	120
9	Pituitary Adenylate Cyclase-Activating Polypeptide and Sonic Hedgehog Interact to Control Cerebellar Granule Precursor Cell Proliferation. <i>Journal of Neuroscience</i> , 2002, 22, 9244-9254.	3.6	116
10	Developmental mercury exposure elicits acute hippocampal cell death, reductions in neurogenesis, and severe learning deficits during puberty. <i>Journal of Neurochemistry</i> , 2007, 103, 1968-1981.	3.9	102
11	Hippocampal granule neuron production and population size are regulated by levels of bFGF. <i>European Journal of Neuroscience</i> , 2002, 15, 3-12.	2.6	100
12	Pituitary Adenylate Cyclase Activating Polypeptide Anti-Mitogenic Signaling in Cerebral Cortical Progenitors Is Regulated by p57Kip2-Dependent CDK2 Activity. <i>Journal of Neuroscience</i> , 2002, 22, 1583-1591.	3.6	77
13	Methylmercury elicits rapid inhibition of cell proliferation in the developing brain and decreases cell cycle regulator, cyclin E. <i>NeuroToxicology</i> , 2006, 27, 970-981.	3.0	75
14	The Cyclin-Dependent Kinase Inhibitor p57Kip2 Regulates Cell Cycle Exit, Differentiation, and Migration of Embryonic Cerebral Cortical Precursors. <i>Cerebral Cortex</i> , 2011, 21, 1840-1856.	2.9	72
15	p57KIP2 regulates radial glia and intermediate precursor cell cycle dynamics and lower layer neurogenesis in developing cerebral cortex. <i>Development (Cambridge)</i> , 2012, 139, 475-487.	2.5	69
16	Hippocampal ER Stress and Learning Deficits Following Repeated Pyrethroid Exposure. <i>Toxicological Sciences</i> , 2015, 143, 220-228.	3.1	61
17	Brain-Derived Neurotrophic Factor Deficiency Restricts Proliferation of Oligodendrocyte Progenitors Following Cuprizone-Induced Demyelination. <i>ASN Neuro</i> , 2015, 7, 175909141456687.	2.7	56
18	Ephrins stimulate or inhibit neurite outgrowth and survival as a function of neuronal cell type. <i>Journal of Neuroscience Research</i> , 2000, 60, 427-436.	2.9	55

#	ARTICLE	IF	CITATIONS
19	A single peripheral injection of basic fibroblast growth factor (bFGF) stimulates granule cell production and increases cerebellar growth in newborn rats. <i>Journal of Neurobiology</i> , 2001, 46, 220-229.	3.6	45
20	<i>Engrailed-2</i> (<i>En2</i>) deletion produces multiple neurodevelopmental defects in monoamine systems, forebrain structures and neurogenesis and behavior. <i>Human Molecular Genetics</i> , 2015, 24, 5805-5827.	2.9	45
21	Methylmercury (MeHg) elicits mitochondrial-dependent apoptosis in developing hippocampus and acts at low exposures. <i>NeuroToxicology</i> , 2011, 32, 535-544.	3.0	43
22	Neural stem cell apoptosis after low-dose methylmercury exposures in postnatal hippocampus produce persistent cell loss and adolescent memory deficits. <i>Developmental Neurobiology</i> , 2013, 73, 936-949.	3.0	43
23	Ketogenic diet exposure during the juvenile period increases social behaviors and forebrain neural activation in adult <i>Engrailed 2</i> null mice. <i>Physiology and Behavior</i> , 2016, 161, 90-98.	2.1	40
24	Ephrins stimulate neurite outgrowth during early cortical neurogenesis. <i>Journal of Neuroscience Research</i> , 2001, 66, 1054-1063.	2.9	38
25	Patterns of p57Kip2 expression in embryonic rat brain suggest roles in progenitor cell cycle exit and neuronal differentiation. <i>Developmental Neurobiology</i> , 2009, 69, 1-21.	3.0	38
26	N-acetyl cysteine treatment reduces mercury-induced neurotoxicity in the developing rat hippocampus. <i>Journal of Neuroscience Research</i> , 2012, 90, 743-750.	2.9	38
27	Aryl hydrocarbon receptor deletion in cerebellar granule neuron precursors impairs neurogenesis. <i>Developmental Neurobiology</i> , 2016, 76, 533-550.	3.0	37
28	Dysregulation of Neurite Outgrowth and Cell Migration in Autism and Other Neurodevelopmental Disorders. <i>Advances in Neurobiology</i> , 2020, 25, 109-153.	1.8	37
29	Pro- and Anti-Mitogenic Actions of Pituitary Adenylate Cyclase-Activating Polypeptide in Developing Cerebral Cortex: Potential Mediation by Developmental Switch of PAC1 Receptor mRNA Isoforms. <i>Journal of Neuroscience</i> , 2013, 33, 3865-3878.	3.6	36
30	Valproic Acid Exposure during Early Postnatal Gliogenesis Leads to Autistic-like Behaviors in Rats. <i>Clinical Psychopharmacology and Neuroscience</i> , 2016, 14, 338-344.	2.0	34
31	Expression of the helix-loop-helix genes <i>Id-1</i> and <i>NSCL-1</i> during cerebellar development. , 1997, 208, 107-114.		31
32	The multiple roles of the cyclin-dependent kinase inhibitory protein p57 ^{KIP2} in cerebral cortical neurogenesis. <i>Developmental Neurobiology</i> , 2012, 72, 821-842.	3.0	29
33	Basic Fibroblast Growth Factor Exhibits Dual and Rapid Regulation of Cyclin D ₁ and p27 ^{KIP1} to Stimulate Proliferation of Rat Cerebral Cortical Precursors. <i>Developmental Neuroscience</i> , 2004, 26, 197-207.	2.0	27
34	DNAse I pre-treatment markedly enhances detection of nuclear cyclin-dependent kinase inhibitor p57Kip2 and BrdU double immunostaining in embryonic rat brain. <i>Histochemistry and Cell Biology</i> , 2007, 127, 195-203.	1.7	22
35	Hippocampal developmental vulnerability to methylmercury extends into prepubescence. <i>Frontiers in Neuroscience</i> , 2015, 9, 150.	2.8	22
36	<i>Engrailed2</i> modulates cerebellar granule neuron precursor proliferation, differentiation and insulin-like growth factor 1 signaling during postnatal development. <i>Molecular Autism</i> , 2014, 5, 9.	4.9	20

#	ARTICLE	IF	CITATIONS
37	Valproic acid stimulates proliferation of glial precursors during cortical gliogenesis in developing rat. <i>Developmental Neurobiology</i> , 2016, 76, 780-798.	3.0	20
38	Spatial gene expression analysis of neuroanatomical differences in mouse models. <i>NeuroImage</i> , 2017, 163, 220-230.	4.2	18
39	Cerebellar granule cells elaborate neurites before mitosis. <i>Developmental Brain Research</i> , 1997, 102, 305-308.	1.7	13
40	Mitotic neuroblasts determine neuritic patterning of progeny. , 1996, 367, 623-635.		11
41	Autism NPCs from both idiopathic and CNV 16p11.2 deletion patients exhibit dysregulation of proliferation and mitogenic responses. <i>Stem Cell Reports</i> , 2022, 17, 1380-1394.	4.8	10
42	Rapid Detection of Neurodevelopmental Phenotypes in Human Neural Precursor Cells (NPCs). <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
43	Altered salt taste response and increased tongue epithelium <i>Scnna1</i> expression in adult <i>Engrailed-2</i> null mice. <i>Physiology and Behavior</i> , 2018, 194, 410-419.	2.1	8
44	Developmental Role of Adenosine Kinase in the Cerebellum. <i>ENeuro</i> , 2021, 8, ENEURO.0011-21.2021.	1.9	7
45	Using Human Induced Neural Precursor Cells to Define Early Neurodevelopmental Defects in Syndromic and Idiopathic Autism. <i>Current Pharmacology Reports</i> , 2018, 4, 422-435.	3.0	2
46	Using iPSC-Based Models to Understand the Signaling and Cellular Phenotypes in Idiopathic Autism and 16p11.2 Derived Neurons. <i>Advances in Neurobiology</i> , 2020, 25, 79-107.	1.8	2
47	<i>Engrailed</i> is a cell autonomous regulator of neurogenesis in cultured hippocampal neural stem cells. <i>Developmental Neurobiology</i> , 2021, 81, 724-735.	3.0	1
48	<i>Engrailed 2</i> deficiency and chronic stress alter avoidance and motivation behaviors. <i>Behavioural Brain Research</i> , 2021, 413, 113466.	2.2	1