

Modeling Transformations of Neurodevelopmental Sequences

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Coexpression Networks Implicate Human Midfetal Deep Cortical Projection Neurons in the Pathogenesis of Autism. <i>Cell</i> , 2013, 155, 997-1007.	13.5	825
2	The evolution of distributed association networks in the human brain. <i>Trends in Cognitive Sciences</i> , 2013, 17, 648-665.	4.0	620
3	Long-term dysregulation of brain corticotrophin and glucocorticoid receptors and stress reactivity by single early-life pain experience in male and female rats. <i>Psychoneuroendocrinology</i> , 2013, 38, 3015-3028.	1.3	34
4	Diffusion MRI of the developing cerebral cortical gray matter can be used to detect abnormalities in tissue microstructure associated with fetal ethanol exposure. <i>NeuroImage</i> , 2013, 83, 1081-1087.	2.1	25
5	Neuromyelitis Optica IgG Causes Placental Inflammation and Fetal Death. <i>Journal of Immunology</i> , 2013, 191, 2999-3005.	0.4	90
6	Human exceptionalism. <i>Trends in Cognitive Sciences</i> , 2013, 17, 199-201.	4.0	34
7	Developmental origins of brain disorders: roles for dopamine. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 260.	1.8	160
8	Early neural disruption and auditory processing outcomes in rodent models: implications for developmental language disability. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 58.	1.2	17
9	Distinct developmental growth patterns account for the disproportionate expansion of the rostral and caudal isocortex in evolution. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 190.	1.0	4
10	Evo-Devo and the Primate Isocortex: The Central Organizing Role of Intrinsic Gradients of Neurogenesis. <i>Brain, Behavior and Evolution</i> , 2014, 84, 81-92.	0.9	53
11	Dysregulated nitric oxide signaling as a candidate mechanism of fragile X syndrome and other neuropsychiatric disorders. <i>Frontiers in Genetics</i> , 2014, 5, 239.	1.1	21
12	Persistent pharmacokinetic challenges to pediatric drug development. <i>Frontiers in Genetics</i> , 2014, 5, 281.	1.1	19
13	Possible Role of GABAergic Depolarization in Neocortical Neurons in Generating Hyperexcitatory Behaviors during Emergence from Sevoflurane Anesthesia in the Rat. <i>ASN Neuro</i> , 2014, 6, AN20140004.	1.5	17
14	Annual Research Review: Towards a developmental neuroscience of atypical social cognition. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2014, 55, 553-577.	3.1	209
15	Nutrition and brain development in early life. <i>Nutrition Reviews</i> , 2014, 72, 267-284.	2.6	691
16	Induction of the ganglion cell differentiation program in human retinal progenitors before cell cycle exit. <i>Developmental Dynamics</i> , 2014, 243, C1-C1.	0.8	0
17	Scaling the primate lateral geniculate nucleus: Niche and neurodevelopment in the regulation of magnocellular and parvocellular cell number and nucleus volume. <i>Journal of Comparative Neurology</i> , 2014, 522, 1839-1857.	0.9	9
18	Induction of the ganglion cell differentiation program in human retinal progenitors before cell cycle exit. <i>Developmental Dynamics</i> , 2014, 243, 712-729.	0.8	18

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20	Effects of prenatal propofol exposure on postnatal development in rats. <i>Neurotoxicology and Teratology</i> , 2014, 43, 51-58.	1.2	23
21	Cell size anomalies in the auditory thalamus of rats with hypoxic-ischemic injury on postnatal day 3 or 7. <i>International Journal of Developmental Neuroscience</i> , 2014, 33, 1-7.	0.7	4
22	Early protein malnutrition negatively impacts physical growth and neurological reflexes and evokes anxiety and depressive-like behaviors. <i>Physiology and Behavior</i> , 2014, 129, 237-254.	1.0	74
23	NSF workshop report: Discovering general principles of nervous system organization by comparing brain maps across species. <i>Journal of Comparative Neurology</i> , 2014, 522, 1445-1453.	0.9	35
25	Dysmorphogenic Effects of First Trimester-Equivalent Ethanol Exposure in Mice: A Magnetic Resonance Microscopy-Based Study. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 2008-2014.	1.4	38
26	Radial glia require PDGF α -PDGFR β signalling in human but not mouse neocortex. <i>Nature</i> , 2014, 515, 264-268.	13.7	145
27	Distinct neurobehavioral dysfunction based on the timing of developmental binge-like alcohol exposure. <i>Neuroscience</i> , 2014, 280, 204-219.	1.1	45
28	The Cerebellum, Sensitive Periods, and Autism. <i>Neuron</i> , 2014, 83, 518-532.	3.8	648
29	Microbiota and neurodevelopmental windows: implications for brain disorders. <i>Trends in Molecular Medicine</i> , 2014, 20, 509-518.	3.5	852
30	Calcium-binding proteins in the laterodorsal thalamic nucleus during development of the guinea pig. <i>Journal of Chemical Neuroanatomy</i> , 2014, 61-62, 88-93.	1.0	4
31	Anesthetic Neurotoxicity. <i>Anesthesiology Clinics</i> , 2014, 32, 133-155.	0.6	82
32	Evaluating negative-symptom-like behavioural changes in developmental models of schizophrenia. <i>European Neuropsychopharmacology</i> , 2014, 24, 774-787.	0.3	15
33	Nitric oxide signaling in the development and evolution of language and cognitive circuits. <i>Neuroscience Research</i> , 2014, 86, 77-87.	1.0	5
34	Allocating structure to function: the strong links between neuroplasticity and natural selection. <i>Frontiers in Human Neuroscience</i> , 2014, 7, 918.	1.0	56
35	Construction of Vapor Chambers Used to Expose Mice to Alcohol During the Equivalent of all Three Trimesters of Human Development. <i>Journal of Visualized Experiments</i> , 2014, , .	0.2	31
36	The Opioid System and Brain Development: Effects of Methadone on the Oligodendrocyte Lineage and the Early Stages of Myelination. <i>Developmental Neuroscience</i> , 2014, 36, 409-421.	1.0	104
37	Anesthetic Preconditioning Inhibits Isoflurane-Mediated Apoptosis in the Developing Rat Brain. <i>Anesthesia and Analgesia</i> , 2014, 119, 939-946.	1.1	29
38	Application of the Neurosphere Assay for DNT Hazard Assessment: Challenges and Limitations. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 1.	0.1	11

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40	Nutrition and Brain Development in Early Life. , 2015, , 79-126.		1
41	Modeling Encephalopathy of Prematurity Using Prenatal Hypoxia-ischemia with Intra-amniotic Lipopolysaccharide in Rats. Journal of Visualized Experiments, 2015, , .	0.2	16
42	A multidisciplinary approach unravels early and persistent effects of X-ray exposure at the onset of prenatal neurogenesis. Journal of Neurodevelopmental Disorders, 2015, 7, 3.	1.5	44
43	Characteristics of the developing human locomotor system: Similarities to other mammals. Developmental Psychobiology, 2015, 57, 397-408.	0.9	17
44	C9ORF72 expression and cellular localization over mouse development. Acta Neuropathologica Communications, 2015, 3, 59.	2.4	27
45	Postnatal accumulation of intermediate filaments in the cat and human primary visual cortex. Journal of Comparative Neurology, 2015, 523, 2111-2126.	0.9	10
46	Epigenetics/Programming in the <scp>HPA</scp> Axis. , 2015, 6, 87-110.		54
47	Sevoflurane exposure during the neonatal period induces long-term memory impairment but not autism-like behaviors. Paediatric Anaesthesia, 2015, 25, 1033-1045.	0.6	51
48	Ontogenesis of oxytocin pathways in the mammalian brain: late maturation and psychosocial disorders. Frontiers in Neuroanatomy, 2014, 8, 164.	0.9	81
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50	Forebrain neuroanatomy of the neonatal and juvenile dolphin (T. truncatus and S. coeruleoalba). Frontiers in Neuroanatomy, 2015, 9, 140.	0.9	14
51	Characterization of Laminar Zones in the Mid-Gestation Primate Brain with Magnetic Resonance Imaging and Histological Methods. Frontiers in Neuroanatomy, 2015, 9, 147.	0.9	22
52	Atlas of the Postnatal Rat Brain in Stereotaxic Coordinates. Frontiers in Neuroanatomy, 2015, 9, 161.	0.9	181
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54	A Developmental Switch for Hebbian Plasticity. PLoS Computational Biology, 2015, 11, e1004386.	1.5	12
55	A holistic view of anesthesia-related neurotoxicity in children. Ambulatory Anesthesia, 2015, , 131.	0.0	0
56	Spinal mediation of motor learning and memory in the rat fetus. Developmental Psychobiology, 2015, 57, 421-434.	0.9	10
57	Species Extrapolation of Life-Stage Physiologically-Based Pharmacokinetic (PBPK) Models to Investigate the Developmental Toxicology of Ethanol Using In vitro to In vivo (IVIVE) Methods. Toxicological Sciences, 2015, 143, 512-535.	1.4	33

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58	Transient postnatal fluoxetine decreases brain concentrations of 20-HETE and 15-epi-LXA4, arachidonic acid metabolites in adult mice. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2015, 101, 9-14.	1.0	8
59	Sensitive and critical periods during neurotypical and aberrant neurodevelopment: A framework for neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 50, 180-188.	2.9	171
60	The Outer Subventricular Zone and Primate-Specific Cortical Complexification. <i>Neuron</i> , 2015, 85, 683-694.	3.8	266
61	The Domestic Piglet: An Important Model for Investigating the Neurodevelopmental Consequences of Early Life Insults. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 245-264.	3.6	62
62	The marmoset monkey as a model for visual neuroscience. <i>Neuroscience Research</i> , 2015, 93, 20-46.	1.0	189
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65	Preclinical Models of Encephalopathy of Prematurity. <i>Developmental Neuroscience</i> , 2015, 37, 277-288.	1.0	56
66	Alterations in sociability and functional brain connectivity caused by early-life seizures are prevented by bumetanide. <i>Neurobiology of Disease</i> , 2015, 77, 204-219.	2.1	42
67	The problem of genotype and sex differences in life expectancy in transgenic AD mice. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 57, 238-251.	2.9	68
68	Mechanisms of Action and Persistent Neuroplasticity by Drugs of Abuse. <i>Pharmacological Reviews</i> , 2015, 67, 872-1004.	7.1	125
69	Early postnatal nociceptive stimulation results in deficits of spatial memory in male rats. <i>Neurobiology of Learning and Memory</i> , 2015, 125, 120-125.	1.0	11
70	Analgesia for Early-Life Pain Prevents Deficits in Adult Anxiety and Stress in Rats. <i>Developmental Neuroscience</i> , 2015, 37, 1-13.	1.0	20
71	Exposure to ethanol during neurodevelopment modifies crucial offspring rat brain enzyme activities in a region-specific manner. <i>Metabolic Brain Disease</i> , 2015, 30, 1467-1477.	1.4	3
72	Developmental mechanisms channeling cortical evolution. <i>Trends in Neurosciences</i> , 2015, 38, 69-76.	4.2	124
73	Perinatal vs Genetic Programming of Serotonin States Associated with Anxiety. <i>Neuropsychopharmacology</i> , 2015, 40, 1456-1470.	2.8	49
74	Systematic, Cross-Cortex Variation in Neuron Numbers in Rodents and Primates. <i>Cerebral Cortex</i> , 2015, 25, 147-160.	1.6	131
75	Early life inflammatory pain induces long-lasting deficits in hippocampal-dependent spatial memory in male and female rats. <i>Neurobiology of Learning and Memory</i> , 2015, 118, 30-41.	1.0	33

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76	Analysis of extinction acquisition to attenuated tones in prenatally stressed and non-stressed offspring following auditory fear conditioning. <i>Physiology and Behavior</i> , 2015, 139, 157-166.	1.0	12
77	Functional Maturation of GABA Synapses During Postnatal Development of the Monkey Dorsolateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2015, 25, 4076-4093.	1.6	61
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79	From stem cells to comparative corticogenesis: a bridge too far?. <i>Stem Cell Investigation</i> , 2016, 3, 39-39.	1.3	8
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81	Exploring Neurogenomics of Schizophrenia With Allen Institute for Brain Science Resources. , 2016, , 83-106.		0
82	Spindle Activity Orchestrates Plasticity during Development and Sleep. <i>Neural Plasticity</i> , 2016, 2016, 1-14.	1.0	49
83	Effects of Sex and Mild Intrainsult Hypothermia on Neuropathology and Neural Reorganization following Neonatal Hypoxic Ischemic Brain Injury in Rats. <i>Neural Plasticity</i> , 2016, 2016, 1-11.	1.0	23
84	Using Bronson Equation to Accurately Predict the Dog Brain Weight Based on Body Weight Parameter. <i>Veterinary Sciences</i> , 2016, 3, 36.	0.6	3
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86	Distinct Effects of Nalmefene on Dopamine Uptake Rates and Kappa Opioid Receptor Activity in the Nucleus Accumbens Following Chronic Intermittent Ethanol Exposure. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1216.	1.8	24
87	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. <i>Journal of Neuroinflammation</i> , 2016, 13, 238.	3.1	39
88	Mechanisms involved in the neurotoxic and cognitive effects of developmental methamphetamine exposure. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2016, 108, 131-141.	3.6	22
89	<i>In Vivo</i> Monitoring of Sevoflurane-induced Adverse Effects in Neonatal Nonhuman Primates Using Small-animal Positron Emission Tomography. <i>Anesthesiology</i> , 2016, 125, 133-146.	1.3	58
90	Dopamine is Required for Activity-Dependent Amplification of ArcmRNA in Developing Postnatal Frontal Cortex. <i>Cerebral Cortex</i> , 2016, 27, 3600-3608.	1.6	12
91	Individual differences in cortical connections of somatosensory cortex are associated with parental rearing style in prairie voles (<i>Microtus ochrogaster</i>). <i>Journal of Comparative Neurology</i> , 2016, 524, 564-577.	0.9	34
92	Etomidate exposure in early infant mice (P10) does not induce apoptosis or affect behaviour. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 588-596.	0.7	10
93	Ketamine exposure during embryogenesis inhibits cellular proliferation in rat fetal cortical neurogenic regions. <i>Acta Anaesthesiologica Scandinavica</i> , 2016, 60, 579-587.	0.7	20

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94	Quantitative comparison of cerebral artery development in metatherians and monotremes with non-human eutherians. <i>Journal of Anatomy</i> , 2016, 228, 384-395.	0.9	6
95	Seeking Synthesis: The Integrative Problem in Understanding Language and Its Evolution. <i>Topics in Cognitive Science</i> , 2016, 8, 371-381.	1.1	5
96	Maternal Western diet increases adiposity even in male offspring of obesity-resistant rat dams: early endocrine risk markers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 311, R1045-R1059.	0.9	25
97	Evolutionary Relevance and Experience Contribute to Face Discrimination in Infant Macaques (<i>Macaca</i>) Tj ETQq1 1 0.784314 rgBT / Over	0.6	16
98	2D and 3D Stem Cell Models of Primate Cortical Development Identify Species-Specific Differences in Progenitor Behavior Contributing to Brain Size. <i>Cell Stem Cell</i> , 2016, 18, 467-480.	5.2	292
99	Severity and timing: How prenatal stress exposure affects glial developmental, emotional behavioural and plasma neurosteroid responses in guinea pig offspring. <i>Psychoneuroendocrinology</i> , 2016, 70, 47-57.	1.3	18
100	Neonatal Prefrontal Inactivation Results in Reversed Dopaminergic Responses in the <i>Shell</i> Subregion of the Nucleus Accumbens to NMDA Antagonists. <i>ACS Chemical Neuroscience</i> , 2016, 7, 964-971.	1.7	6
101	Nicotine ameliorates cognitive deficits induced by maternal LPS exposure: A study in rats. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 1159-1167.	1.2	15
102	Removal of high-fat diet after chronic exposure drives binge behavior and dopaminergic dysregulation in female mice. <i>Neuroscience</i> , 2016, 326, 170-179.	1.1	52
103	Maternal separation prior to neonatal hypoxia-ischemia: Impact on emotional aspects of behavior and markers of synaptic plasticity in hippocampus. <i>International Journal of Developmental Neuroscience</i> , 2016, 52, 1-12.	0.7	18
104	Tyrosine hydroxylase-immunoreactivity and its relations with gonadotropin-releasing hormone and neuropeptide Y in the preoptic area of the guinea pig. <i>Journal of Chemical Neuroanatomy</i> , 2016, 78, 131-139.	1.0	2
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106	Two-dimensional analysis of the supragranular layers in autism spectrum disorder. <i>Research in Autism Spectrum Disorders</i> , 2016, 32, 96-105.	0.8	4
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108	Altered thalamocortical development in the SAP102 knockout model of intellectual disability. <i>Human Molecular Genetics</i> , 2016, 25, 4052-4061.	1.4	11
109	Prenatal Brain-Body Allometry in Mammals. <i>Brain, Behavior and Evolution</i> , 2016, 88, 14-24.	0.9	35
110	Enhanced Abventricular Proliferation Compensates Cell Death in the Embryonic Cerebral Cortex. <i>Cerebral Cortex</i> , 2017, 27, 4701-4718.	1.6	13
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112	Brain evolution and development: adaptation, allometry and constraint. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160433.	1.2	79
113	Transformation of the Radial Glia Scaffold Demarcates Two Stages of Human Cerebral Cortex Development. Neuron, 2016, 91, 1219-1227.	3.8	264
114	The Nature of the Sensory Input to the Neonatal Rat Barrel Cortex. Journal of Neuroscience, 2016, 36, 9922-9932.	1.7	66
116	Short- and long-term effects of neonatal pharmacotherapy with epigallocatechin-3-gallate on hippocampal development in the Ts65Dn mouse model of Down syndrome. Neuroscience, 2016, 333, 277-301.	1.1	60
117	A comprehensive transcriptional map of primate brain development. Nature, 2016, 535, 367-375.	13.7	341
118	Lasting impact of general anaesthesia on the brain: mechanisms and relevance. Nature Reviews Neuroscience, 2016, 17, 705-717.	4.9	371
119	Induction of Maternal Immune Activation in Mice at Mid-gestation Stage with Viral Mimic Poly(I:C). Journal of Visualized Experiments, 2016, , e53643.	0.2	14
120	Long-term Fate Mapping to Assess the Impact of Postnatal Isoflurane Exposure on Hippocampal Progenitor Cell Productivity. Anesthesiology, 2016, 125, 1159-1170.	1.3	22
121	Biomarkers, Genetics, and Epigenetic Studies to Explore the Neurocognitive Effects of Anesthesia in Children. Journal of Neurosurgical Anesthesiology, 2016, 28, 384-388.	0.6	9
122	A Primate lncRNA Mediates Notch Signaling during Neuronal Development by Sequestering miRNA. Neuron, 2016, 90, 1174-1188.	3.8	115
123	Programming the brain: Common outcomes and gaps in knowledge from animal studies of IUGR. Physiology and Behavior, 2016, 164, 233-248.	1.0	35
124	Preferential Delivery of an Opioid Antagonist to the Fetal Brain in Pregnant Mice. Journal of Pharmacology and Experimental Therapeutics, 2016, 358, 22-30.	1.3	10
125	The Cellular and Molecular Landscapes of the Developing Human Central Nervous System. Neuron, 2016, 89, 248-268.	3.8	571
126	Exposure to early life pain: long term consequences and contributing mechanisms. Current Opinion in Behavioral Sciences, 2016, 7, 61-68.	2.0	59
127	Epilepsy and Autism. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a022749.	2.9	191
128	Evolution of cytoarchitectural landscapes in the mammalian isocortex: Sirenians (<i>Trichechus) Tj ETQq1 1 0.784314 rgBT /Overlock 11	0.9	11
129	What lessons for clinical practice can be learned from systematic reviews of animal studies? The case of anesthetic neurotoxicity. Paediatric Anaesthesia, 2016, 26, 4-5.	0.6	11
130	Birthdate of parvalbumin-neurons in the Parvafox-nucleus of the lateral hypothalamus. Brain Research, 2016, 1633, 111-114.	1.1	2

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131	When mothering goes awry: Challenges and opportunities for utilizing evidence across rodent, nonhuman primate and human studies to better define the biological consequences of negative early caregiving. <i>Hormones and Behavior</i> , 2016, 77, 182-192.	1.0	57
132	Early-life adversity and brain development: Is the microbiome a missing piece of the puzzle?. <i>Neuroscience</i> , 2017, 342, 37-54.	1.1	155
133	mTOR inhibitor reverses autistic-like social deficit behaviours in adult rats with both Tsc2 haploinsufficiency and developmental status epilepticus. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2017, 267, 455-463.	1.8	33
134	Sex-dependent effects of early life inflammatory pain on sucrose intake and sucrose-associated hippocampal Arc expression in adult rats. <i>Physiology and Behavior</i> , 2017, 173, 1-8.	1.0	9
135	Exceptional Evolutionary Expansion of Prefrontal Cortex in Great Apes and Humans. <i>Current Biology</i> , 2017, 27, 714-720.	1.8	128
136	Folding, But Not Surface Area Expansion, Is Associated with Cellular Morphological Maturation in the Fetal Cerebral Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 1971-1983.	1.7	46
137	Effects of early or late prenatal immune activation in mice on behavioral and neuroanatomical abnormalities relevant to schizophrenia in the adulthood. <i>International Journal of Developmental Neuroscience</i> , 2017, 58, 1-8.	0.7	45
138	Zika Virus Targeting in the Developing Brain. <i>Journal of Neuroscience</i> , 2017, 37, 2161-2175.	1.7	168
139	Temporal variations in early developmental decisions: an engine of forebrain evolution. <i>Current Opinion in Neurobiology</i> , 2017, 42, 152-159.	2.0	15
140	Maternal and postnatal high-fat diet consumption programs energy balance and hypothalamic melanocortin signaling in nonhuman primate offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R169-R179.	0.9	40
141	Single and multiple sevoflurane exposures during pregnancy and offspring behavior in mice. <i>Paediatric Anaesthesia</i> , 2017, 27, 742-751.	0.6	20
142	Minimal variation in eutherian brain growth rates during fetal neurogenesis. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170219.	1.2	54
143	Concerted and mosaic evolution of functional modules in songbird brains. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170469.	1.2	20
144	The Dynamic Epigenetic Landscape of the Retina During Development, Reprogramming, and Tumorigenesis. <i>Neuron</i> , 2017, 94, 550-568.e10.	3.8	222
145	Selective neuronal expression of the SoxE factor, Sox8, in direct pathway striatal projection neurons of the developing mouse brain. <i>Journal of Comparative Neurology</i> , 2017, 525, 2805-2819.	0.9	16
146	Early life adversity: Lasting consequences for emotional learning. <i>Neurobiology of Stress</i> , 2017, 6, 14-21.	1.9	91
147	Valnoctamide Inhibits Cytomegalovirus Infection in Developing Brain and Attenuates Neurobehavioral Dysfunctions and Brain Abnormalities. <i>Journal of Neuroscience</i> , 2017, 37, 6877-6893.	1.7	20
148	Tactile Defensiveness and Impaired Adaptation of Neuronal Activity in the <i>Fmr1</i> Knock-Out Mouse Model of Autism. <i>Journal of Neuroscience</i> , 2017, 37, 6475-6487.	1.7	105

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149	Long-term effect of neonatal inhibition of APP gamma-secretase on hippocampal development in the Ts65Dn mouse model of Down syndrome. <i>Neurobiology of Disease</i> , 2017, 103, 11-23.	2.1	14
150	Postnatal choline supplementation selectively attenuates hippocampal microRNA alterations associated with developmental alcohol exposure. <i>Alcohol</i> , 2017, 60, 159-167.	0.8	28
151	Intervention strategies for cesarean section-induced alterations in the microbiota-gut-brain axis. <i>Nutrition Reviews</i> , 2017, 75, 225-240.	2.6	73
152	Gradients in cytoarchitectural landscapes of the isocortex: Diprotodont marsupials in comparison to eutherian mammals. <i>Journal of Comparative Neurology</i> , 2017, 525, 1811-1826.	0.9	15
153	PPAR mRNA Levels Are Modified by Dietary ω -3 Fatty Acid Restriction and Energy Restriction in the Brain and Liver of Growing Rats. <i>Journal of Nutrition</i> , 2017, 147, 161-169.	1.3	9
154	Caffeine combined with sedative/anesthetic drugs triggers widespread neuroapoptosis in a mouse model of prematurity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2017, 30, 2734-2741.	0.7	27
155	Fetal Alcohol Exposure Alters Blood Flow and Neurological Responses to Transient Cerebral Ischemia in Adult Mice. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 117-127.	1.4	25
156	The BRAIN Initiative Cell Census Consortium: Lessons Learned toward Generating a Comprehensive Brain Cell Atlas. <i>Neuron</i> , 2017, 96, 542-557.	3.8	235
157	Brain Plasticity and Human Evolution. <i>Annual Review of Anthropology</i> , 2017, 46, 399-419.	0.4	107
158	Coevolution in the timing of GABAergic and pyramidal neuron maturation in primates. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171169.	1.2	18
159	Clinical update regarding general anesthesia-associated neurotoxicity in infants and children. <i>Current Opinion in Anaesthesiology</i> , 2017, 30, 682-687.	0.9	34
160	A flavonoid agonist of the TrkB receptor for BDNF improves hippocampal neurogenesis and hippocampus-dependent memory in the Ts65Dn mouse model of DS. <i>Experimental Neurology</i> , 2017, 298, 79-96.	2.0	50
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