

# Bryan E Kolb

## List of Publications by Year in descending order

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Version: 2024-02-01

310  
papers

24,728  
citations

7568

77  
h-index

8866

145  
g-index

322  
all docs

322  
docs citations

322  
times ranked

16384  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hearing Loss, Tinnitus, and Dizziness in COVID-19: A Systematic Review and Meta-Analysis. <i>Canadian Journal of Neurological Sciences</i> , 2022, 49, 184-195.	0.5	100
2	Sensitive Periods for Recovery from Early Brain Injury. <i>Current Topics in Behavioral Neurosciences</i> , 2022, , 1.	1.7	1
3	Knowledge gaps for functional outcomes after multilobar resective and disconnective pediatric epilepsy surgery: Conference Proceedings of the Patient-Centered Stakeholder Meeting 2019. <i>Epileptic Disorders</i> , 2022, 24, 50-66.	1.3	4
4	Tinnitus, sound intolerance, and mental health: the role of long-term occupational noise exposure. <i>European Archives of Oto-Rhino-Laryngology</i> , 2022, 279, 5161-5170.	1.6	6
5	Complex housing partially mitigates low dose radiation-induced changes in brain and behavior in rats. <i>Restorative Neurology and Neuroscience</i> , 2022, , 1-16.	0.7	0
6	A Systematic Review and Meta-Analysis of Extended High-Frequency Hearing Thresholds in Tinnitus With a Normal Audiogram. <i>Ear and Hearing</i> , 2022, 43, 1643-1652.	2.1	11
7	Traffic noise exposure, cognitive decline, and amyloid-beta pathology in an AD mouse model. <i>Synapse</i> , 2021, 75, e22192.	1.2	6
8	An assessment of the functional effects of amphetamine-induced dendritic changes in the nucleus accumbens, medial prefrontal cortex, and hippocampus on different types of learning and memory function. <i>Neurobiology of Learning and Memory</i> , 2021, 180, 107408.	1.9	1
9	Prefrontal neuronal morphology in kindling-prone (FAST) and kindling-resistant (SLOW) rats. <i>Synapse</i> , 2021, 75, e22217.	1.2	4
10	Age-related hearing loss and cognitive decline: MRI and cellular evidence. <i>Annals of the New York Academy of Sciences</i> , 2021, 1500, 17-33.	3.8	27
11	Bilingual experience and intrinsic functional connectivity in adults, aging, and Alzheimer's disease. <i>Annals of the New York Academy of Sciences</i> , 2021, 1505, 8-22.	3.8	6
12	Prenatal stress dysregulates resting-state functional connectivity and sensory motifs. <i>Neurobiology of Stress</i> , 2021, 15, 100345.	4.0	2
13	Brenda Milner: Pioneer of the Study of the Human Frontal Lobes. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 786167.	2.0	2
14	Noise exposure accelerates the risk of cognitive impairment and Alzheimer's disease: Adulthood, gestational, and prenatal mechanistic evidence from animal studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 110-128.	6.1	54
15	Life-Course Contribution of Prenatal Stress in Regulating the Neural Modulation Network Underlying the Prepulse Inhibition of the Acoustic Startle Reflex in Male Alzheimer's Disease Mice. <i>Cerebral Cortex</i> , 2020, 30, 311-325.	2.9	9
16	Neonatal tactile stimulation reverses alterations in fine structure of small, but not large myelinated fibers, from the optic nerve of iron-deficient rats: A size-based selectivity. <i>Behavioural Brain Research</i> , 2020, 379, 112357.	2.2	0
17	Caffeine consumption during development alters spine density and recovery from repetitive mild traumatic brain injury in young adult rats. <i>Synapse</i> , 2020, 74, e22142.	1.2	10
18	Analysis of Behavior in Laboratory Rats. , 2020, , 215-242.		4

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19	Short predictable stress promotes resistance to anxiety behavior and increases dendritic spines in prefrontal cortex and hippocampus. <i>Brain Research</i> , 2020, 1746, 147020.	2.2	5
20	Reply to a Letter by Dr. Stefani and Colleagues on: "Auditory Dysfunction in Parkinson's Disease", <i>Movement Disorders</i> , 2020, 35, 1284-1285.	3.9	1
21	Critical period regulation across multiple timescales. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 23242-23251.	7.1	250
22	Neural oscillations and brain stimulation in Alzheimer's disease. <i>Progress in Neurobiology</i> , 2020, 194, 101878.	5.7	81
23	Prepulse inhibition of the acoustic startle reflex and P50 gating in aging and Alzheimer's disease. <i>Ageing Research Reviews</i> , 2020, 59, 101028.	10.9	25
24	Auditory Dysfunction in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 537-550.	3.9	27
25	Social and olfactory experiences modify neuronal morphology of orbital frontal cortex. <i>Behavioral Neuroscience</i> , 2020, 134, 59-68.	1.2	5
26	Noise Damage Accelerates Auditory Aging and Tinnitus: A Canadian Population-Based Study. <i>Otology and Neurotology</i> , 2020, 41, 1316-1326.	1.3	10
27	Considerations for advancing a well integrated comparative psychology research approach directed toward improving our understanding of fronto-executive functions. <i>Psychology and Neuroscience</i> , 2020, 13, 473-479.	0.8	5
28	Chronic alterations in behavior and neuronal morphology associated with methylphenidate treatment during development in rats. <i>Psychology and Neuroscience</i> , 2020, 13, 424-437.	0.8	0
29	Age-related hearing loss and tinnitus, dementia risk, and auditory amplification outcomes. <i>Ageing Research Reviews</i> , 2019, 56, 100963.	10.9	100
30	Prenatal noise stress aggravates cognitive decline and the onset and progression of beta amyloid pathology in a mouse model of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 77, 66-86.	3.1	36
31	Ancestral Stress Alters Lifetime Mental Health Trajectories and Cortical Neuromorphology via Epigenetic Regulation. <i>Scientific Reports</i> , 2019, 9, 6389.	3.3	23
32	Gestational Stress Augments Postpartum $\beta$ -Amyloid Pathology and Cognitive Decline in a Mouse Model of Alzheimer's Disease. <i>Cerebral Cortex</i> , 2019, 29, 3712-3724.	2.9	21
33	Epigenetics of Brain Aging: Lessons from Chemo Brain and Tumor Brain. <i>Healthy Ageing and Longevity</i> , 2019, , 185-202.	0.2	0
34	Neonatal Stress Has a Long-Lasting Sex-Dependent Effect on Anxiety-Like Behavior and Neuronal Morphology in the Prefrontal Cortex and Hippocampus. <i>Developmental Neuroscience</i> , 2018, 40, 93-103.	2.0	20
35	Overview of Factors Influencing Brain Development. , 2018, , 51-79.		1
36	Brain Plasticity and Experience. , 2018, , 341-389.		6

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37	DCC Receptors Drive Prefrontal Cortex Maturation by Determining Dopamine Axon Targeting in Adolescence. <i>Biological Psychiatry</i> , 2018, 83, 181-192.	1.3	81
38	THC alters morphology of neurons in medial prefrontal cortex, orbital prefrontal cortex, and nucleus accumbens and alters the ability of later experience to promote structural plasticity. <i>Synapse</i> , 2018, 72, e22020.	1.2	18
39	Juvenile social experience and differential age-related changes in the dendritic morphologies of subareas of the prefrontal cortex in rats. <i>Synapse</i> , 2018, 72, e22022.	1.2	12
40	Chronic traffic noise stress accelerates brain impairment and cognitive decline in mice. <i>Experimental Neurology</i> , 2018, 308, 1-12.	4.1	72
41	Preconception Paternal Stress in Rats Alters Brain and Behavior in Offspring. <i>Neuroscience</i> , 2018, 388, 474-485.	2.3	12
42	Growth of Malignant Non-CNS Tumors Alters Brain Metabolome. <i>Frontiers in Genetics</i> , 2018, 9, 41.	2.3	2
43	Growth of Triple Negative and Progesterone Positive Breast Cancer Causes Oxidative Stress and Down-Regulates Neuroprotective Transcription Factor NPAS4 and NPAS4-Regulated Genes in Hippocampal Tissues of TumorGraft Mice—an Aging Connection. <i>Frontiers in Genetics</i> , 2018, 9, 58.	2.3	8
44	Stress and prefrontal cortical plasticity in the developing brain. <i>Cognitive Development</i> , 2017, 42, 15-26.	1.3	18
45	Tactile stimulation partially prevents neurodevelopmental changes in visual tract caused by early iron deficiency. <i>Brain Research</i> , 2017, 1657, 130-139.	2.2	10
46	The mane effect in the horse ( <i>Equus ferus caballus</i> ): Right mane dominance enhanced in mares but not associated with left and right manoeuvres in a reining competition. <i>Laterality</i> , 2017, 22, 495-513.	1.0	1
47	Assessment of a nutritional supplement containing resveratrol, prebiotic fiber, and omega-3 fatty acids for the prevention and treatment of mild traumatic brain injury in rats. <i>Neuroscience</i> , 2017, 365, 146-157.	2.3	37
48	Principles of plasticity in the developing brain. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 1218-1223.	2.1	104
49	Prenatal noise stress impairs HPA axis and cognitive performance in mice. <i>Scientific Reports</i> , 2017, 7, 10560.	3.3	58
50	The Adverse Effects of Auditory Stress on Mouse Uterus Receptivity and Behaviour. <i>Scientific Reports</i> , 2017, 7, 4720.	3.3	36
51	Low dose radiation effects on the brain—from mechanisms and behavioral outcomes to mitigation strategies. <i>Cell Cycle</i> , 2017, 16, 1266-1270.	2.6	33
52	Chemo brain: From discerning mechanisms to lifting the brain fog—An aging connection. <i>Cell Cycle</i> , 2017, 16, 1345-1349.	2.6	50
53	Effect of acute stress on auditory processing: a systematic review of human studies. <i>Reviews in the Neurosciences</i> , 2017, 28, 1-13.	2.9	26
54	Corticosterone response to gestational stress and postpartum memory function in mice. <i>PLoS ONE</i> , 2017, 12, e0180306.	2.5	33

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55	Chemo brain or tumor brain - that is the question: the presence of extracranial tumors profoundly affects molecular processes in the prefrontal cortex of TumorGraft mice. <i>Aging</i> , 2017, 9, 1660-1676.	3.1	9
56	Growth of malignant extracranial tumors alters microRNAome in the prefrontal cortex of TumorGraft mice. <i>Oncotarget</i> , 2017, 8, 88276-88293.	1.8	10
57	Profound and Sexually Dimorphic Effects of Clinically-Relevant Low Dose Scatter Irradiation on the Brain and Behavior. <i>Frontiers in Behavioral Neuroscience</i> , 2016, 10, 84.	2.0	18
58	Assessing cognitive function in adults during or following chemotherapy: a scoping review. <i>Supportive Care in Cancer</i> , 2016, 24, 3223-34.	2.2	12
59	Ancestral Exposure to Stress Generates New Behavioral Traits and a Functional Hemispheric Dominance Shift. <i>Cerebral Cortex</i> , 2016, 27, bhw063.	2.9	27
60	Chronic stress induces persistent changes in global DNA methylation and gene expression in the medial prefrontal cortex, orbitofrontal cortex, and hippocampus. <i>Neuroscience</i> , 2016, 322, 489-499.	2.3	40
61	Sex-specific effects of cytotoxic chemotherapy agents cyclophosphamide and mitomycin C on gene expression, oxidative DNA damage, and epigenetic alterations in the prefrontal cortex and hippocampus – an aging connection. <i>Aging</i> , 2016, 8, 697-708.	3.1	23
62	Liver irradiation causes distal bystander effects in the rat brain and affects animal behaviour. <i>Oncotarget</i> , 2016, 7, 4385-4398.	1.8	32
63	Effects of prenatal exposure to valproic acid on the development of juvenile-typical social play in rats. <i>Behavioural Pharmacology</i> , 2015, 26, 707-719.	1.7	31
64	Childhood Poverty and Brain Development. <i>Human Development</i> , 2015, 58, 215-217.	2.0	11
65	Impulsivity and Concussion in Juvenile Rats: Examining Molecular and Structural Aspects of the Frontostriatal Pathway. <i>PLoS ONE</i> , 2015, 10, e0139842.	2.5	36
66	Tactile stimulation improves neuroanatomical pathology but not behavior in rats prenatally exposed to valproic acid. <i>Behavioural Brain Research</i> , 2015, 282, 25-36.	2.2	27
67	Recovery of Function: Dependency on Age. , 2015, , 56-60.		0
68	Prefrontal Cortex Development and Development of Cognitive Function. , 2015, , 817-823.		1
69	Prefrontal Cortex. , 2015, , 811-816.		3
70	Plasticity in the prefrontal cortex of adult rats. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 15.	3.7	50
71	The Effect of Age on Brain Plasticity in Animal Models of Developmental Disability. <i>NeuroMethods</i> , 2015, , 247-263.	0.3	1
72	The development of lasting impairments: A mild pediatric brain injury alters gene expression, dendritic morphology, and synaptic connectivity in the prefrontal cortex of rats. <i>Neuroscience</i> , 2015, 288, 145-155.	2.3	32

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73	Preconception paternal stress in rats alters dendritic morphology and connectivity in the brain of developing male and female offspring. <i>Neuroscience</i> , 2015, 303, 200-210.	2.3	28
74	Prenatal enrichment and recovery from perinatal cortical damage: effects of maternal complex housing. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 223.	2.0	16
75	Harnessing the power of neuroplasticity for intervention. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 377.	2.0	47
76	The role of the medial prefrontal cortex in regulating interanimal coordination of movements.. <i>Behavioral Neuroscience</i> , 2014, 128, 603-613.	1.2	25
77	Environmental enrichment alters structural plasticity of the adolescent brain but does not remediate the effects of prenatal nicotine exposure. <i>Synapse</i> , 2014, 68, n/a-n/a.	1.2	16
78	Juvenile play experience does not affect nicotine sensitization and voluntary consumption of nicotine in adult rats. <i>Developmental Psychobiology</i> , 2014, 56, 1052-1060.	1.6	2
79	Searching for the principles of brain plasticity and behavior. <i>Cortex</i> , 2014, 58, 251-260.	2.4	109
80	Brain development, experience, and behavior. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1720-1723.	1.5	31
81	Are 50-kHz calls used as play signals in the playful interactions of rats? I. Evidence from the timing and context of their use. <i>Behavioural Processes</i> , 2014, 106, 60-66.	1.1	66
82	Does prenatal nicotine exposure alter the brain's response to nicotine in adolescence? A neuroanatomical analysis. <i>European Journal of Neuroscience</i> , 2013, 38, 2491-2503.	2.6	13
83	Long-term alterations to dendritic morphology and spine density associated with prenatal exposure to nicotine. <i>Brain Research</i> , 2013, 1499, 53-60.	2.2	43
84	Training on motor and visual spatial learning tasks in early adulthood produces large changes in dendritic organization of prefrontal cortex and nucleus accumbens in rats given nicotine prenatally. <i>Neuroscience</i> , 2013, 252, 178-189.	2.3	14
85	Juvenile play experience primes neurons in the medial prefrontal cortex to be more responsive to later experiences. <i>Neuroscience Letters</i> , 2013, 556, 42-45.	2.1	56
86	Persistent gene expression changes in NAc, mPFC, and OFC associated with previous nicotine or amphetamine exposure. <i>Behavioural Brain Research</i> , 2013, 256, 655-661.	2.2	45
87	Stress and risk avoidance by exploring rats: Implications for stress management in fear-related behaviours. <i>Behavioural Processes</i> , 2013, 94, 89-98.	1.1	13
88	Brain Plasticity in the Developing Brain. <i>Progress in Brain Research</i> , 2013, 207, 35-64.	1.4	77
89	Olanzapine treatment of adolescent rats alters adult reward behaviour and nucleus accumbens function. <i>International Journal of Neuropsychopharmacology</i> , 2013, 16, 1599-1609.	2.1	30
90	dcc orchestrates the development of the prefrontal cortex during adolescence and is altered in psychiatric patients. <i>Translational Psychiatry</i> , 2013, 3, e338-e338.	4.8	83

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91	Visualizing the Effects of a Positive Early Experience, Tactile Stimulation, on Dendritic Morphology and Synaptic Connectivity with Golgi-Cox Staining. <i>Journal of Visualized Experiments</i> , 2013, , e50694.	0.3	6
92	Olanzapine Treatment of Adolescent Rats Causes Enduring Specific Memory Impairments and Alters Cortical Development and Function. <i>PLoS ONE</i> , 2013, 8, e57308.	2.5	47
93	Embryonic Pretreatment with Bromodeoxyuridine Blocks Regeneration and Functional Recovery from Perinatal Medial Frontal Lesions in Rats. <i>Developmental Neuroscience</i> , 2012, 34, 228-239.	2.0	6
94	Experience and the developing prefrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17186-17193.	7.1	447
95	Stress during development alters dendritic morphology in the nucleus accumbens and prefrontal cortex. <i>Neuroscience</i> , 2012, 216, 103-109.	2.3	120
96	Recovery from medial prefrontal cortex injury during adolescence: Implications for age-dependent plasticity. <i>Behavioural Brain Research</i> , 2012, 229, 168-175.	2.2	24
97	Tactile stimulation during development alters behaviour and neuroanatomical organization of normal rats. <i>Behavioural Brain Research</i> , 2012, 231, 86-91.	2.2	54
98	Prenatal nicotine exposure alters neuroanatomical organization of the developing brain. <i>Synapse</i> , 2012, 66, 950-954.	1.2	47
99	Effects of Rat Prenatal Exposure to Valproic Acid on Behaviour and Neuro-Anatomy. <i>Developmental Neuroscience</i> , 2012, 34, 268-276.	2.0	63
100	Prenatal stress alters dendritic morphology and synaptic connectivity in the prefrontal cortex and hippocampus of developing offspring. <i>Synapse</i> , 2012, 66, 308-314.	1.2	105
101	Age, experience, injury, and the changing brain. <i>Developmental Psychobiology</i> , 2012, 54, 311-325.	1.6	73
102	Epigenetic bystander-like effects of stroke in somatic organs. <i>Aging</i> , 2012, 4, 224-234.	3.1	11
103	Prenatal Stress Produces Sexually Dimorphic and Regionally Specific Changes in Gene Expression in Hippocampus and Frontal Cortex of Developing Rat Offspring. <i>Developmental Neuroscience</i> , 2011, 33, 531-538.	2.0	69
104	Mild Prenatal Stress-Modulated Behavior and Neuronal Spine Density without Affecting Amphetamine Sensitization. <i>Developmental Neuroscience</i> , 2011, 33, 85-98.	2.0	64
105	Tactile stimulation during development attenuates amphetamine sensitization and structurally reorganizes prefrontal cortex and striatum in a sex-dependent manner.. <i>Behavioral Neuroscience</i> , 2011, 125, 161-174.	1.2	41
106	Maternal separation altered behavior and neuronal spine density without influencing amphetamine sensitization. <i>Behavioural Brain Research</i> , 2011, 223, 7-16.	2.2	89
107	FGF-2 induces behavioral recovery after early adolescent injury to the motor cortex of rats. <i>Behavioural Brain Research</i> , 2011, 225, 184-191.	2.2	5
108	Sex-specific radiation-induced microRNAome responses in the hippocampus, cerebellum and frontal cortex in a mouse model. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 722, 114-118.	1.7	96

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109	Intensity matters: brain, behaviour and the epigenome of prenatally stressed rats. <i>Neuroscience</i> , 2011, 180, 105-110.	2.3	84
110	Induction and persistence of radiation-induced DNA damage is more pronounced in young animals than in old animals. <i>Aging</i> , 2011, 3, 609-620.	3.1	42
111	Brain plasticity and recovery from early cortical injury. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 4-8.	2.1	50
112	Searching for factors underlying cerebral plasticity in the normal and injured brain. <i>Journal of Communication Disorders</i> , 2011, 44, 503-514.	1.5	30
113	Prenatal tactile stimulation attenuates drug-induced behavioral sensitization, modifies behavior, and alters brain architecture. <i>Brain Research</i> , 2011, 1400, 53-65.	2.2	23
114	Prenatal bystander stress induces neuroanatomical changes in the prefrontal cortex and hippocampus of developing rat offspring. <i>Brain Research</i> , 2011, 1412, 55-62.	2.2	38
115	Prenatal Bystander Stress Alters Brain, Behavior, and the Epigenome of Developing Rat Offspring. <i>Developmental Neuroscience</i> , 2011, 33, 159-169.	2.0	36
116	The Netrin Receptor DCC Is Required in the Pubertal Organization of Mesocortical Dopamine Circuitry. <i>Journal of Neuroscience</i> , 2011, 31, 8381-8394.	3.6	104
117	Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.	7.6	907
118	Brain plasticity and behaviour in the developing brain. <i>Journal of the Canadian Academy of Child and Adolescent Psychiatry</i> , 2011, 20, 265-76.	0.6	223
119	Motor cortex injury has different behavioral and anatomical effects in early and late adolescence.. <i>Behavioral Neuroscience</i> , 2010, 124, 612-622.	1.2	18
120	Effects of neonatal medial versus lateral temporal cortex injury: Theoretical comment on Malkova et al. (2010).. <i>Behavioral Neuroscience</i> , 2010, 124, 873-876.	1.2	3
121	Early exposure to haloperidol or olanzapine induces long-term alterations of dendritic form. <i>Synapse</i> , 2010, 64, 191-199.	1.2	45
122	Integrating multidisciplinary research for translation from the laboratory to the clinic. , 2010, , 207-224.		0
123	Knowing Beans: Human Mirror Mechanisms Revealed Through Motor Adaptation. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 204.	2.0	61
124	Juvenile peer play experience and the development of the orbitofrontal and medial prefrontal cortices. <i>Behavioural Brain Research</i> , 2010, 207, 7-13.	2.2	181
125	Acoustic tone or medial geniculate stimulation cue training in the rat is associated with neocortical neuroplasticity and reduced akinesia under haloperidol challenge. <i>Behavioural Brain Research</i> , 2010, 214, 85-90.	2.2	3
126	Tactile stimulation promotes motor recovery following cortical injury in adult rats. <i>Behavioural Brain Research</i> , 2010, 214, 102-107.	2.2	44



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127	Tactile stimulation after frontal or parietal cortical injury in infant rats facilitates functional recovery and produces synaptic changes in adjacent cortex. Behavioural Brain Research, 2010, 214, 115-120.	2.2	53
128	Learning-induced alterations in prefrontal cortical dendritic morphology. Behavioural Brain Research, 2010, 214, 91-101.	2.2	49
129	A comparison of the effects of days 1 and 10 unilateral lesions of medial prefrontal cortex on cerebral morphogenesis and behavior. Behavioural Brain Research, 2010, 214, 108-114.	2.2	1
130	The hippocampus makes a significant contribution to experience-dependent neocortical plasticity. Behavioural Brain Research, 2010, 214, 121-124.	2.2	8
131	Factors influencing frontal cortex development and recovery from early frontal injury. Developmental Neurorehabilitation, 2009, 12, 269-278.	1.1	12
132	Hitting a moving target: Basic mechanisms of recovery from acquired developmental brain injury. Developmental Neurorehabilitation, 2009, 12, 255-268.	1.1	64
133	Amphetamine-Induced Changes in Dendritic Morphology in Rat Forebrain Correspond to Associative Drug Conditioning Rather than Nonassociative Drug Sensitization. Biological Psychiatry, 2009, 65, 835-840.	1.3	101
134	The role of the medial prefrontal cortex in the play fighting of rats.. Behavioral Neuroscience, 2009, 123, 1158-1168.	1.2	97
135	Brain and behavioural plasticity in the developing brain: Neuroscience and public policy. Paediatrics and Child Health, 2009, 14, 651-652.	0.6	17
136	FGF-2-induced functional improvement from neonatal motor cortex injury via corticospinal projections. Experimental Brain Research, 2008, 185, 453-460.	1.5	18
137	Therapeutic effects of complex rearing or bFGF after perinatal frontal lesions. Developmental Psychobiology, 2008, 50, 134-146.	1.6	20
138	Contrasting effects of motor and visual spatial learning tasks on dendritic arborization and spine density in rats. Neurobiology of Learning and Memory, 2008, 90, 295-300.	1.9	90
139	Social instability blocks functional restitution following motor cortex stroke in rats. Behavioural Brain Research, 2008, 188, 219-226.	2.2	19
140	The problem of relating plasticity and skilled reaching after motor cortex stroke in the rat. Behavioural Brain Research, 2008, 192, 124-136.	2.2	76
141	Sex-specific microRNAome deregulation in the shielded bystander spleen of cranially exposed mice. Cell Cycle, 2008, 7, 1658-1667.	2.6	62
142	Principles of neuroplasticity and behavior. , 2008, , 6-21.		16
143	Effects of hypophysectomy on compulsive checking and cortical dendrites in an animal model of obsessive-compulsive disorder. Behavioural Pharmacology, 2008, 19, 271-283.	1.7	7
144	The modulation of play fighting in rats: Role of the motor cortex.. Behavioral Neuroscience, 2007, 121, 164-176.	1.2	25

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145	Motor inhibitory role of dopamine D1 receptors: Implications for ADHD. <i>Physiology and Behavior</i> , 2007, 92, 155-160.	2.1	41
146	Chronic inhibition of cyclooxygenase-2 induces dendritic hypertrophy and limited functional improvement following motor cortex stroke. <i>Neuroscience</i> , 2007, 144, 1160-1168.	2.3	13
147	Pre- and postnatal FGF-2 both facilitate recovery and alter cortical morphology following early medial prefrontal cortical injury. <i>Behavioural Brain Research</i> , 2007, 180, 18-27.	2.2	36
148	Brain plasticity and recovery from early cortical injury. <i>Developmental Psychobiology</i> , 2007, 49, 107-118.	1.6	102
149	Chronic phencyclidine treatment increases dendritic spine density in prefrontal cortex and nucleus accumbens neurons. <i>Synapse</i> , 2007, 61, 978-984.	1.2	27
150	Growth Factor-Stimulated Generation of New Cortical Tissue and Functional Recovery after Stroke Damage to the Motor Cortex of Rats. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2007, 27, 983-997.	4.3	232
151	Netrin-1 receptor-deficient mice show enhanced mesocortical dopamine transmission and blunted behavioural responses to amphetamine. <i>European Journal of Neuroscience</i> , 2007, 26, 3215-3228.	2.6	60
152	Neurophysiological properties of cells filling the neonatal medial prefrontal cortex lesion cavity. <i>Brain Research</i> , 2007, 1178, 38-43.	2.2	7
153	Chronic low-dose administration of nicotine facilitates recovery and synaptic change after focal ischemia in rats. <i>Neuropharmacology</i> , 2006, 50, 777-787.	4.1	43
154	Differential expression of basic fibroblast growth factor-2 in the developing rat brain. <i>Neuroscience</i> , 2006, 141, 213-221.	2.3	23
155	Experience-dependent amelioration of motor impairments in adulthood following neonatal medial frontal cortex injury in rats is accompanied by motor map expansion. <i>Neuroscience</i> , 2006, 141, 1315-1326.	2.3	18
156	The effects of orbital frontal cortex damage on the modulation of defensive responses by rats in playful and nonplayful social contexts.. <i>Behavioral Neuroscience</i> , 2006, 120, 72-84.	1.2	97
157	Neocortical kindling is associated with opposing alterations in dendritic morphology in neocortical layer V and striatum from neocortical layer III. <i>Synapse</i> , 2006, 59, 1-9.	1.2	28
158	Chronic treatment with $\Delta^9$ -tetrahydrocannabinol alters the structure of neurons in the nucleus accumbens shell and medial prefrontal cortex of rats. <i>Synapse</i> , 2006, 60, 429-436.	1.2	81
159	FGF-2-induced cell proliferation stimulates anatomical, neurophysiological and functional recovery from neonatal motor cortex injury. <i>European Journal of Neuroscience</i> , 2006, 24, 739-749.	2.6	48
160	Dendritic Plasticity in the Adult Rat Following Middle Cerebral Artery Occlusion and Nogo-A Neutralization. <i>Cerebral Cortex</i> , 2006, 16, 529-536.	2.9	118
161	Neonatal handling alters brain organization but does not influence recovery from perinatal cortical injury.. <i>Behavioral Neuroscience</i> , 2005, 119, 1375-1383.	1.2	21
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