Derek van der Kooy

List of Publications by Year
in descending order

218	23,108	9428 76	9605 147
papers	citations	h-index	g-index

223	223	223	19251
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Administration of BDNF in the ventral tegmental area produces a switch from a nicotineâ€nonâ€dependent D1Râ€mediated motivational state to a nicotineâ€dependentâ€like D2Râ€mediated motivational state. European Journal of Neuroscience, 2022, 55, 714-724.	1.2	3
2	Constraintâ€induced movement therapy promotes motor recovery after neonatal stroke in the absence of neural precursor activation. European Journal of Neuroscience, 2021, 53, 1334-1349.	1.2	2
3	Glucocorticoid agonists enhance retinal stem cell self-renewal and proliferation. Stem Cell Research and Therapy, 2021, 12, 83.	2.4	9
4	Stable oxime-crosslinked hyaluronan-based hydrogel as a biomimetic vitreous substitute. Biomaterials, 2021, 271, 120750.	5.7	36
5	A defined subset of clonal retinal stem cell spheres is biased to RPE differentiation. IScience, 2021, 24, 102574.	1.9	0
6	A microfluidic platform enables comprehensive gene expression profiling of mouse retinal stem cells. Lab on A Chip, 2021, 21, 4464-4476.	3.1	3
7	Activation of adult mammalian retinal stem cells in vivo via antagonism of BMP and sFRP2. Stem Cell Research and Therapy, 2021, 12, 560.	2.4	2
8	The leading edge: Emerging neuroprotective and neuroregenerative cell-based therapies for spinal cord injury. Stem Cells Translational Medicine, 2020, 9, 1509-1530.	1.6	76
9	Hydrogel-mediated co-transplantation of retinal pigmented epithelium and photoreceptors restores vision in an animal model of advanced retinal degeneration. Biomaterials, 2020, 257, 120233.	5.7	23
10	Parental Bias Has Benefits. Neuron, 2020, 107, 994-996.	3.8	1
11	Segregation of caffeine reward and aversion in the rat nucleus accumbens shell versus core. European Journal of Neuroscience, 2020, 52, 3074-3086.	1.2	3
12	Cell competition during reprogramming gives rise to dominant clones. Science, 2019, 364, .	6.0	76
13	Expansion of retinal stem cells and their progeny using cell microcarriers in a bioreactor. Biotechnology Progress, 2019, 35, e2800.	1.3	9
14	Analysis of Mutants Suggests Kamin Blocking in C. elegans is Due to Interference with Memory Recall Rather than Storage. Scientific Reports, 2019, 9, 2371.	1.6	2
15	Î²2* nAChRs on VTA dopamine and GABA neurons separately mediate nicotine aversion and reward. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25968-25973.	3.3	26
16	Lineage tracing reveals the hierarchical relationship between neural stem cell populations in the mouse forebrain. Scientific Reports, 2019, 9, 17730.	1.6	9
17	Dual embryonic origin of the mammalian enteric nervous system. Developmental Biology, 2019, 445, 256-270.	0.9	23
18	A Receptor Tyrosine Kinase Plays Separate Roles in Sensory Integration and Associative Learning inC. elegans. ENeuro, 2019, 6, ENEURO.0244-18.2019.	0.9	9

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19	Induction of Rod and Cone Photoreceptor-Specific Progenitors from Stem Cells. Advances in Experimental Medicine and Biology, 2019, 1185, 551-555.	0.8	0
20	Induction of rod versus cone photoreceptor-specific progenitors from retinal precursor cells. Stem Cell Research, 2018, 33, 215-227.	0.3	10
21	Single-Cell Tumbling Enables High-Resolution Size Profiling of Retinal Stem Cells. ACS Applied Materials & Interfaces, 2018, 10, 34811-34816.	4.0	10
22	Mutations in the guanylate cyclase gcyâ€28 neuronally dissociate naÃ¯ve attraction and memory retrieval. European Journal of Neuroscience, 2018, 48, 3367-3378.	1.2	4
23	Exogenous Neural Precursor Cell Transplantation Results in Structural and Functional Recovery in a Hypoxic-Ischemic Hemiplegic Mouse Model. ENeuro, 2018, 5, ENEURO.0369-18.2018.	0.9	20
24	P-Cadherin is necessary for retinal stem cell behavior in vitro , but not in vivo. Stem Cell Research, 2017, 21, 141-147.	0.3	4
25	Deletion of Î±5 nicotine receptor subunits abolishes nicotinic aversive motivational effects in a manner that phenocopies dopamine receptor antagonism. European Journal of Neuroscience, 2017, 46, 1673-1681.	1.2	8
26	A single administration of the hallucinogen, 4â€acetoxyâ€dimethyltryptamine, prevents the shift to a drugâ€dependent state and the expression of withdrawal aversions in rodents. European Journal of Neuroscience, 2017, 45, 1410-1417.	1.2	15
27	Quiescent Oct4+ Neural Stem Cells (NSCs) Repopulate Ablated Glial Fibrillary Acidic Protein+ NSCs in the Adult Mouse Brain. Stem Cells, 2017, 35, 2071-2082.	1.4	21
28	Targeted activation of primitive neural stem cells in the mouse brain. European Journal of Neuroscience, 2016, 43, 1474-1485.	1.2	13
29	Hyaluronic Acidâ€Based Hydrogels Enable Rod Photoreceptor Survival and Maturation In Vitro through Activation of the mTOR Pathway. Advanced Functional Materials, 2016, 26, 1975-1985.	7.8	27
30	Enrichment of Oligodendrocyte Progenitors from Differentiated Neural Precursors by Clonal Sphere Preparations. Stem Cells and Development, 2016, 25, 712-728.	1.1	7
31	EphB2 reverse signaling regulates learned opiate tolerance via hippocampal function. Behavioural Brain Research, 2016, 300, 85-96.	1.2	5
32	Genetic conflict reflected in tissue-specific maps of genomic imprinting in human and mouse. Nature Genetics, 2015, 47, 544-549.	9.4	221
33	A Hyaluronan-Based Injectable Hydrogel Improves the Survival and Integration of Stem Cell Progeny following Transplantation. Stem Cell Reports, 2015, 4, 1031-1045.	2.3	189
34	A proposed resolution to the paradox of drug reward: Dopamine's evolution from an aversive signal to a facilitator of drug reward via negative reinforcement. Neuroscience and Biobehavioral Reviews, 2015, 56, 50-61.	2.9	5
35	Diabetes Enhances the Proliferation of Adult Pancreatic Multipotent Progenitor Cells and Biases Their Differentiation to More Î²-Cell Production. Diabetes, 2015, 64, 1311-1323.	0.3	31
36	The aggregation and inheritance of damaged proteins determines cell fate during mitosis. Cell Cycle, 2014, 13, 1201-1207.	1.3	12

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37	Local acting S tickyâ€trap inhibits vascular endothelial growth factor dependent pathological angiogenesis in the eye. EMBO Molecular Medicine, 2014, 6, 604-623.	3.3	16
38	Surfaceome Profiling Reveals Regulators of Neural Stem Cell Function. Stem Cells, 2014, 32, 258-268.	1.4	22
39	VTA CRF neurons mediate the aversive effects of nicotine withdrawal and promote intake escalation. Nature Neuroscience, 2014, 17, 1751-1758.	7.1	124
40	BDNF Signaling in the VTA Links the Drug-Dependent State to Drug Withdrawal Aversions. Journal of Neuroscience, 2014, 34, 7899-7909.	1.7	54
41	Primitive Neural Stem Cells in the Adult Mammalian Brain Give Rise to GFAP-Expressing Neural Stem Cells. Stem Cell Reports, 2014, 2, 810-824.	2.3	42
42	Ventral tegmental area GABA neurons and opiate motivation. Psychopharmacology, 2013, 227, 697-709.	1.5	20
43	Nicotineâ€motivated behavior in scp>C</scp>aenorhabditis elegans requires the nicotinic acetylcholine receptor subunits acrâ€5 and acrâ€15. European Journal of Neuroscience, 2013, 37, 743-756.	1.2	24
44	Infusion of brainâ€derived neurotrophic factor into the ventral tegmental area switches the substrates mediating ethanol motivation. European Journal of Neuroscience, 2013, 37, 996-1003.	1.2	18
45	Dopamine D1 receptors are not critical for opiate reward but can mediate opiate memory retrieval in a state-dependent manner. Behavioural Brain Research, 2013, 247, 174-177.	1.2	8
46	Bone morphogenetic proteins and secreted frizzled related protein 2 maintain the quiescence of adult mammalian retinal stem cells. Stem Cells, 2013, 31, 2218-2230.	1.4	11
47	The responses of neural stem cells to the level of GSK-3 depend on the tissue of origin. Biology Open, 2013, 2, 812-821.	0.6	6
48	Oct4 Is Required â¼E7.5 for Proliferation in the Primitive Streak. PLoS Genetics, 2013, 9, e1003957.	1.5	72
49	The asymmetric segregation of damaged proteins is stem cellâ€“type dependent. Journal of Cell Biology, 2013, 201, 523-530.	2.3	87
50	Social defeat stress switches the neural system mediating benzodiazepine conditioned motivation.. Behavioral Neuroscience, 2013, 127, 515-523.	0.6	4
51	Critical Evaluation of Imprinted Gene Expression by RNAâ€“Seq: A New Perspective. PLoS Genetics, 2012, 8, e1002600.	1.5	226
52	Phasic D1 and tonic D2 dopamine receptor signaling double dissociate the motivational effects of acute nicotine and chronic nicotine withdrawal. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3101-3106.	3.3	110
53	The adult retinal stem cell is a rare cell in the ciliary epithelium whose progeny can differentiate into photoreceptors. Biology Open, 2012, 1, 237-246.	0.6	66
54	Two Forms of Learning following Training to a Single Odorant in Caenorhabditis elegans AWC Neurons. Journal of Neuroscience, 2012, 32, 9035-9044.	1.7	27

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55	Clonal Neural Stem Cells from Human Embryonic Stem Cell Colonies. Journal of Neuroscience, 2012, 32, 7771-7781.	1.7	42
56	Generation and clonal isolation of retinal stem cells from human embryonic stem cells. European Journal of Neuroscience, 2012, 36, 1951-1959.	1.2	23
57	Genetic deletion of regulator of G-protein signaling 4 (RGS4) rescues a subset of fragile X related phenotypes in the FMR1 knockout mouse. Molecular and Cellular Neurosciences, 2011, 46, 563-572.	1.0	45
58	The Adult Mouse and Human Pancreas Contain Rare Multipotent Stem Cells that Express Insulin. Cell Stem Cell, 2011, 8, 281-293.	5.2	205
59	Neural stem cells are increased after loss of Î²-catenin, but neural progenitors undergo cell death. European Journal of Neuroscience, 2011, 33, 1366-1375.	1.2	17
60	The Adult Mouse Dentate Gyrus Contains Populations of Committed Progenitor Cells that are Distinct from Subependymal Zone Neural Stem Cells. Stem Cells, 2011, 29, 1448-1458.	1.4	36
61	Î²â€Cell evolution: How the pancreas borrowed from the brain. BioEssays, 2011, 33, 582-587.	1.2	80
62	Maximizing Functional Photoreceptor Differentiation From Adult Human Retinal Stem Cells. Stem Cells, 2010, 28, 489-500.	1.4	70
63	A hydrogel-based stem cell delivery system to treat retinal degenerative diseases. Biomaterials, 2010, 31, 2555-2564.	5.7	205
64	Adenosine A₁ and A_{2A} receptors are not upstream of caffeineâ€™s dopamine D₂ receptorâ€dependent aversive effects and dopamineâ€independent rewarding effects. European Journal of Neuroscience, 2010, 32, 143-154.	1.2	15
65	Insulin Signaling Plays a Dual Role in Caenorhabditis elegans Memory Acquisition and Memory Retrieval. Journal of Neuroscience, 2010, 30, 8001-8011.	1.7	66
66	Dopaminergic Signaling Mediates the Motivational Response Underlying the Opponent Process to Chronic but Not Acute Nicotine. Neuropsychopharmacology, 2010, 35, 943-954.	2.8	38
67	A diacetyl-induced quiescence in young Caenorhabditis elegans. Behavioural Brain Research, 2010, 214, 12-17.	1.2	2
68	Biology and therapeutic potential of adult retinal stem cells. Canadian Journal of Ophthalmology, 2010, 45, 342-351.	0.4	14
69	Ventral Tegmental Area BDNF Induces an Opiate-Dependentâ€“Like Reward State in NaÃ¯ve Rats. Science, 2009, 324, 1732-1734.	6.0	161
70	Suppression of Oct4 by Germ Cell Nuclear Factor Restricts Pluripotency and Promotes Neural Stem Cell Development in the Early Neural Lineage. Journal of Neuroscience, 2009, 29, 2113-2124.	1.7	64
71	The germline stem cells of Drosophila melanogaster partition DNA non-randomly. European Journal of Cell Biology, 2009, 88, 397-408.	1.6	26
72	Low Oxygen Enhances Primitive and Definitive Neural Stem Cell Colony Formation by Inhibiting Distinct Cell Death Pathways. Stem Cells, 2009, 27, 1879-1886.	1.4	75

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73	A safer stem cell: inducing pluripotency. Nature Medicine, 2009, 15, 1001-1002.	15.2	9
74	GABA_A receptors mediate the opposing roles of dopamine and the tegmental pedunculopontine nucleus in the motivational effects of ethanol. European Journal of Neuroscience, 2009, 29, 1235-1244.	1.2	23
75	Different neural systems mediate morphine reward and its spontaneous withdrawal aversion. European Journal of Neuroscience, 2009, 29, 2029-2034.	1.2	23
76	Regulation of Vertebrate Nervous System Alternative Splicing and Development by an SR-Related Protein. Cell, 2009, 138, 898-910.	13.5	195
77	E-Cadherin Regulates Neural Stem Cell Self-Renewal. Journal of Neuroscience, 2009, 29, 3885-3896.	1.7	94
78	Tegmental pedunculopontine glutamate and GABA-B synapses mediate morphine reward.. Behavioral Neuroscience, 2009, 123, 145-155.	0.6	16
79	Don't Look: Growing Clonal Versus Nonclonal Neural Stem Cell Colonies. Stem Cells, 2008, 26, 2938-2944.	1.4	139
80	Cortexâ€•and striatumâ€•derived neural stem cells produce distinct progeny in the olfactory bulb and striatum. European Journal of Neuroscience, 2008, 27, 2354-2362.	1.2	29
81	Global Survey of Genomic Imprinting by Transcriptome Sequencing. Current Biology, 2008, 18, 1735-1741.	1.8	154
82	Serotonin mediates a learned increase in attraction to high concentrations of benzaldehyde in aged C. elegans. Learning and Memory, 2008, 15, 844-855.	0.5	20
83	Neurologic Phenotype of Schimke Immuno-Osseous Dysplasia and Neurodevelopmental Expression of SMARCAL1. Journal of Neuropathology and Experimental Neurology, 2008, 67, 565-577.	0.9	26
84	Adhesion Is Prerequisite, But Alone Insufficient, to Elicit Stem Cell Pluripotency. Journal of Neuroscience, 2007, 27, 5437-5447.	1.7	13
85	The proliferation and expansion of retinal stem cells require functional Pax6. Developmental Biology, 2007, 304, 713-721.	0.9	50
86	Ciliary margin transdifferentiation from neural retina is controlled by canonical Wnt signaling. Developmental Biology, 2007, 308, 54-67.	0.9	125
87	A test of the opponent-process theory of motivation using lesions that selectively block morphine reward. European Journal of Neuroscience, 2007, 25, 3713-3718.	1.2	24
88	Notch Signaling Is Required to Maintain All Neural Stem Cell Populations â€“ Irrespective of Spatial or Temporal Niche. Developmental Neuroscience, 2006, 28, 34-48.	1.0	97
89	Loss of retinal progenitor cells leads to an increase in the retinal stem cell populationin vivo. European Journal of Neuroscience, 2006, 23, 75-82.	1.2	43
90	Embryonic stem cells assume a primitive neural stem cell fate in the absence of extrinsic influences. Journal of Cell Biology, 2006, 172, 79-90.	2.3	215

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91	Embryonic cortical neural stem cells migrate ventrally and persist as postnatal striatal stem cells. Journal of Cell Biology, 2006, 175, 159-168.	2.3	65
92	Vascular Endothelial Growth Factor Directly Inhibits Primitive Neural Stem Cell Survival But Promotes Definitive Neural Stem Cell Survival. Journal of Neuroscience, 2006, 26, 6803-6812.	1.7	95
93	A Progressive and Cell Non-Autonomous Increase in Striatal Neural Stem Cells in the Huntington's Disease R6/2 Mouse. Journal of Neuroscience, 2006, 26, 10452-10460.	1.7	53
94	Dopamine Specifically Inhibits Forebrain Neural Stem Cell Proliferation, Suggesting a Novel Effect of Antipsychotic Drugs. Journal of Neuroscience, 2005, 25, 5815-5823.	1.7	188
95	p21 loss compromises the relative quiescence of forebrain stem cell proliferation leading to exhaustion of their proliferation capacity. Genes and Development, 2005, 19, 756-767.	2.7	377
96	Support for the immortal strand hypothesis: neural stem cells partition DNA asymmetrically in vitro. Journal of Cell Biology, 2005, 170, 721-732.	2.3	179
97	Correction: Support for the immortal strand hypothesis: neural stem cells partition DNA asymmetrically in vitro. Journal of Cell Biology, 2005, 170, 1169-1169.	2.3	0
98	Intrinsic differences distinguish transiently neurogenic progenitors from neural stem cells in the early postnatal brain. Developmental Biology, 2005, 278, 71-85.	0.9	58
99	Primitive neural stem cells from the mammalian epiblast differentiate to definitive neural stem cells under the control of Notch signaling. Genes and Development, 2004, 18, 1806-1811.	2.7	164
100	Facile isolation and the characterization of human retinal stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 15772-15777.	3.3	390
101	GABAA receptors signal bidirectional reward transmission from the ventral tegmental area to the tegmental pedunculopontine nucleus as a function of opiate state. European Journal of Neuroscience, 2004, 20, 2179-2187.	1.2	38
102	DREAM ablation selectively alters THC place aversion and analgesia but leaves intact the motivational and analgesic effects of morphine. European Journal of Neuroscience, 2004, 19, 3033-3041.	1.2	36
103	Clonal identification of multipotent precursors from adult mouse pancreas that generate neural and pancreatic lineages. Nature Biotechnology, 2004, 22, 1115-1124.	9.4	527
104	It is ethical to transplant human stem cells into nonhuman embryos. Nature Medicine, 2004, 10, 331-335.	15.2	70
105	Opiate state controls bi-directional reward signaling via GABAA receptors in the ventral tegmental area. Nature Neuroscience, 2004, 7, 160-169.	7.1	203
106	Dopamine modulates the plasticity of mechanosensory responses in Caenorhabditis elegans. EMBO Journal, 2004, 23, 473-482.	3.5	190
107	The neurobiology of nicotine addiction: bridging the gap from molecules to behaviour. Nature Reviews Neuroscience, 2004, 5, 55-65.	4.9	381
108	Disguising adult neural stem cells. Current Opinion in Neurobiology, 2004, 14, 125-131.	2.0	76

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109	Contextual Taste Cues Modulate Olfactory Learning in C. elegans by an Occasion-Setting Mechanism. Current Biology, 2004, 14, 1303-1308.	1.8	28
110	A Genetic Dissociation of Learning and Recall in Caenorhabditis elegans.. Behavioral Neuroscience, 2004, 118, 1206-1213.	0.6	11
111	The motivational valence of nicotine in the rat ventral tegmental area is switched from rewarding to aversive following blockade of the Î±7-subunit-containing nicotinic acetylcholine receptor. Psychopharmacology, 2003, 166, 306-313.	1.5	97
112	The ablation of glial fibrillary acidic protein-positive cells from the adult central nervous system results in the loss of forebrain neural stem cells but not retinal stem cells. European Journal of Neuroscience, 2003, 18, 76-84.	1.2	206
113	Excitotoxic lesions of the tegmental pedunculopontine nucleus impair copulation in naive male rats and block the rewarding effects of copulation in experienced male rats. European Journal of Neuroscience, 2003, 18, 2581-2591.	1.2	36
114	Stem and progenitor cells: the premature desertion of rigorous definitions. Trends in Neurosciences, 2003, 26, 125-131.	4.2	302
115	Serotonin mediates food-odor associative learning in the nematode Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12449-12454.	3.3	153
116	Notch pathway molecules are essential for the maintenance, but not the generation, of mammalian neural stem cells. Genes and Development, 2002, 16, 846-858.	2.7	585
117	DREAM Is a Critical Transcriptional Repressor for Pain Modulation. Cell, 2002, 108, 31-43.	13.5	274
118	Motivational state determines the functional role of the mesolimbic dopamine system in the mediation of opiate reward processes. Behavioural Brain Research, 2002, 129, 17-29.	1.2	90
119	Lesions of the Tegmental Pedunculopontine Nucleus Block the Rewarding Effects and Reveal the Aversive Effects of Nicotine in the Ventral Tegmental Area. Journal of Neuroscience, 2002, 22, 8653-8660.	1.7	89
120	Adult Rodent Neurogenic Regions: The Ventricular Subependyma Contains Neural Stem Cells, But the Dentate Gyrus Contains Restricted Progenitors. Journal of Neuroscience, 2002, 22, 1784-1793.	1.7	490
121	In vivoinfusions of exogenous growth factors into the fourth ventricle of the adult mouse brain increase the proliferation of neural progenitors around the fourth ventricle and the central canal of the spinal cord. European Journal of Neuroscience, 2002, 16, 1045-1057.	1.2	205
122	Hematopoietic competence is a rare property of neural stem cells that may depend on genetic and epigenetic alterations. Nature Medicine, 2002, 8, 268-273.	15.2	381
123	Reply to â€œHematopoietic potential of neural stem cellsâ€. Nature Medicine, 2002, 8, 536-537.	15.2	4
124	Direct Neural Fate Specification from Embryonic Stem Cells. Neuron, 2001, 30, 65-78.	3.8	683
125	Mouse Strain Differences in Opiate Reward Learning Are Explained by Differences in Anxiety, Not Reward or Learning. Journal of Neuroscience, 2001, 21, 9077-9081.	1.7	56
126	The D2receptor is critical in mediating opiate motivation only in opiate-dependent and withdrawn mice. European Journal of Neuroscience, 2001, 13, 995-1001.	1.2	51

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127	GABAAreceptors in the ventral tegmental area control bidirectional reward signalling between dopaminergic and non-dopaminergic neural motivational systems. European Journal of Neuroscience, 2001, 13, 1009-1015.	1.2	121
128	A new â€˜spinâ€™ on neural stem cells?. Current Opinion in Neurobiology, 2001, 11, 59-65.	2.0	47
129	Regulation of Distinct Attractive and Aversive Mechanisms Mediating Benzaldehyde Chemotaxis in Caenorhabditis elegans. Learning and Memory, 2001, 8, 170-181.	0.5	46
130	A cell-survival factor (N-acetyl-L-cysteine) alters thein vivo fate of constitutively proliferating subependymal cells in the adult forebrain. , 2000, 42, 338-346.		13
131	Separate Proliferation Kinetics of Fibroblast Growth Factor-Responsive and Epidermal Growth Factor-Responsive Neural Stem Cells within the Embryonic Forebrain Germinal Zone. Journal of Neuroscience, 2000, 20, 1085-1095.	1.7	135
132	A Behavioral and Genetic Dissection of Two Forms of Olfactory Plasticity in Caenorhabditis elegans: Adaptation and Habituation. Learning and Memory, 2000, 7, 199-212.	0.5	61
133	Retinal Stem Cells in the Adult Mammalian Eye. Science, 2000, 287, 2032-2036.	6.0	994
134	Adult Mammalian Forebrain Ependymal and Subependymal Cells Demonstrate Proliferative Potential, but only Subependymal Cells Have Neural Stem Cell Characteristics. Journal of Neuroscience, 1999, 19, 4462-4471.	1.7	492
135	NGF facilitates the developmental maturation of the previously committed cholinergic interneurons in the striatal matrix. , 1999, 411, 87-96.		7
136	Distinct Neural Stem Cells Proliferate in Response to EGF and FGF in the Developing Mouse Telencephalon. Developmental Biology, 1999, 208, 166-188.	0.9	742
137	A Two-Separate-Motivational-Systems Hypothesis of Opioid Addiction. Pharmacology Biochemistry and Behavior, 1998, 59, 1-17.	1.3	73
138	Striatal cholinergic interneurons: birthdates predict compartmental localization. Developmental Brain Research, 1998, 109, 51-58.	2.1	19
139	CNS stem cells: Where's the biology (a.k.a. beef)?. , 1998, 36, 307-314.		65
140	NEUROBIOLOGICAL CONSTRAINTS ON BEHAVIORAL MODELS OF MOTIVATION. Annual Review of Psychology, 1997, 48, 85-114.	9.9	103
141	Deprivation State Switches the Neurobiological Substrates Mediating Opiate Reward in the Ventral Tegmental Area. Journal of Neuroscience, 1997, 17, 383-390.	1.7	119
142	Transforming Growth Factor-Î± Null and Senescent Mice Show Decreased Neural Progenitor Cell Proliferation in the Forebrain Subependyma. Journal of Neuroscience, 1997, 17, 7850-7859.	1.7	419
143	Is there a neural stem cell in the mammalian forebrain?. Trends in Neurosciences, 1996, 19, 387-393.	4.2	506
144	Early postnatal lesions of the substantia nigra produce massive shrinkage of the rat striatum, disruption of patch neuron distribution, but no loss of patch neurons. Developmental Brain Research, 1996, 94, 242-5.	2.1	10

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145	Drug discrimination learning using a taste aversion paradigm: An assessment of the role of safety cues. Learning and Motivation, 1995, 26, 343-369.	0.6	13
146	Variability and partial synchrony of the cell cycle in the germinal zone of the early embryonic cerebral cortex. Journal of Comparative Neurology, 1995, 360, 536-554.	0.9	47
147	Pattern Formation in the Mammalian Forebrain: Striatal Patch and Matrix Neurons Intermix Prior to Compartment Formation. European Journal of Neuroscience, 1995, 7, 1210-1219.	1.2	38
148	Conditional Control of Fluid Consumption in an Occasion Setting Paradigm Is Independent of Pavlovian Associations. Learning and Motivation, 1994, 25, 368-400.	0.6	19
149	Neural stem cells in the adult mammalian forebrain: A relatively quiescent subpopulation of subependymal cells. Neuron, 1994, 13, 1071-1082.	3.8	1,323
150	Neonatal frontal cortical lesions in rats alter cortical structure and connectivity. Brain Research, 1994, 645, 85-97.	1.1	78
151	Developmental expression of a novel murine homeobox gene (Chx10): Evidence for roles in determination of the neuroretina and inner nuclear layer. Neuron, 1994, 13, 377-393.	3.8	354
152	The motivation produced by morphine and food is isomorphic: Approaches to specific motivational stimuli are learned. Cognitive, Affective and Behavioral Neuroscience, 1994, 22, 68-76.	1.2	17
153	Morphine acts in the parabrachial nucleus, a pontine viscerosensory relay, to produce discriminative stimulus effects. Psychopharmacology, 1993, 110, 76-84.	1.5	36
154	Pattern Formation in the Developing Mammalian Forebrain: Selective Adhesion of Early but Not Late Postmitotic Cortical and Striatal Neurons within Forebrain Reaggregate Cultures. Developmental Biology, 1993, 158, 145-162.	0.9	32
155	Neurobiology of motivation: Double dissociation of two motivational mechanisms mediating opiate reward in drug-naive versus drug-dependent animals.. Behavioral Neuroscience, 1992, 106, 798-807.	0.6	96
156	Embryonic lesions of the substantia nigra prevent the patchy expression of opiate receptors, but not the segregation of patch and matrix compartment neurons, in the developing rat striatum. Developmental Brain Research, 1992, 66, 141-145.	2.1	27
157	Lesions of the tegmental pedunculopontine nucleus: Effects on the locomotor activity induced by morphine and amphetamine. Pharmacology Biochemistry and Behavior, 1992, 42, 9-18.	1.3	46
158	Cortical and striatal structure and connectivity are altered by neonatal hemidecortication in rats. Journal of Comparative Neurology, 1992, 322, 311-324.	0.9	60
159	Deprivation state determines the motivational effects of neuroleptics in rats. Cognitive, Affective and Behavioral Neuroscience, 1992, 20, 294-299.	1.2	15
160	Pattern formation in the striatum: Neurons with early projections to the substantia nigra survive the cell death period. Journal of Comparative Neurology, 1991, 312, 33-42.	0.9	67
161	Mechanisms of striatal pattern formation: conservation of mammalian compartmentalization. Developmental Brain Research, 1990, 57, 93-102.	2.1	118
162	Neuronal lineages in chimeric mouse forebrain are segregated between compartments and in the rostrocaudal and radial planes. Developmental Biology, 1990, 141, 70-83.	0.9	46

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163	Separate blood and brain origins of proliferating cells during gliosis in adult brains. Brain Research, 1990, 535, 237-244.	1.1	50
164	Pattern formation in the striatum: developmental changes in the distribution of striatonigral projections. Developmental Brain Research, 1989, 45, 239-255.	2.1	39
165	Pattern formation in the mammalian forebrain: patch neurons from the rat striatum selectively reassociate in vitro. Developmental Brain Research, 1989, 47, 137-142.	2.1	35
166	Visceral cortex: Integration of the mucosal senses with limbic information in the rat agranular insular cortex. Journal of Comparative Neurology, 1988, 270, 39-54.	0.9	124
167	Morphine Preexposure attenuates the aversive properties of opiates without preexposure to the aversive properties. Pharmacology Biochemistry and Behavior, 1988, 30, 687-692.	1.3	33
168	Separate non-cholinergic descending projections and cholinergic ascending projections from the nucleus tegmenti pedunculopontinus. Brain Research, 1988, 445, 386-391.	1.1	61
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