Stephen B Dunnett

List of Publications by Year
in descending order

453	31,156	5126 86	7627 156
papers	citations	h-index	g-index

466	466	466	20610
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dopaminergic Progenitors Derived From Epiblast Stem Cells Function Similarly to Primary VM-Derived Progenitors When Transplanted Into a Parkinsonâ€™s Disease Model. Frontiers in Neuroscience, 2020, 14, 312.	1.4	0
2	The Amphetamine Induced Rotation Test: A Re-Assessment of Its Use as a Tool to Monitor Motor Impairment and Functional Recovery in Rodent Models of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2019, 9, 17-29.	1.5	60
3	Human Pluripotent Stem Cell-Derived Striatal Interneurons: Differentiation and Maturation InÂVitro and in the Rat Brain. Stem Cell Reports, 2019, 12, 191-200.	2.3	16
4	The Effect of Tissue Preparation and Donor Age on Striatal Graft Morphology in the Mouse. Cell Transplantation, 2018, 27, 230-244.	1.2	3
5	Phosphorylation of Parkin at serine 65 is essential for its activationin vivo. Open Biology, 2018, 8, 180108.	1.5	81
6	Outcome of cell suspension allografts in a patient with Huntington's disease. Annals of Neurology, 2018, 84, 950-956.	2.8	16
7	Motor Assessment in Huntingtonâ€™s Disease Mice. Methods in Molecular Biology, 2018, 1780, 121-141.	0.4	12
8	Generating Excitotoxic Lesion Models of Huntingtonâ€™s Disease. Methods in Molecular Biology, 2018, 1780, 209-220.	0.4	7
9	I21â€…Functional assessment of grafted human embryonic stem cells-derived progenitors in a rat model of huntingtonâ€™s disease. , 2018, , .		0
10	Systematic and detailed analysis of behavioural tests in the rat middle cerebral artery occlusion model of stroke: Tests for long-term assessment. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 1349-1361.	2.4	48
11	Is there a place for human fetal-derived stem cells for cell replacement therapy in Huntington's disease?. Neurochemistry International, 2017, 106, 114-121.	1.9	20
12	Transplantation site influences the phenotypic differentiation of dopamine neurons in ventral mesencephalic grafts in Parkinsonian rats. Experimental Neurology, 2017, 291, 8-19.	2.0	11
13	Lickometry: A novel and sensitive method for assessing functional deficits in rats after stroke. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 755-761.	2.4	4
14	Reprogramming the diseased brain. Nature Biotechnology, 2017, 35, 426-428.	9.4	1
15	Motivational, proteostatic and transcriptional deficits precede synapse loss, gliosis and neurodegeneration in the B6.HttQ111/+ model of Huntingtonâ€™s disease. Scientific Reports, 2017, 7, 41570.	1.6	16
16	Mechanisms and use of neural transplants for brain repair. Progress in Brain Research, 2017, 230, 1-51.	0.9	11
17	Influence of chronic L-DOPA treatment on immune response following allogeneic and xenogeneic graft in a rat model of Parkinsonâ€™s disease. Brain, Behavior, and Immunity, 2017, 61, 155-164.	2.0	12
18	Predictive Markers Guide Differentiation to Improve Graft Outcome in Clinical Translation of hESC-Based Therapy for Parkinsonâ€™s Disease. Cell Stem Cell, 2017, 20, 135-148.	5.2	215

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19	Rehabilitation training in neural restitution. Progress in Brain Research, 2017, 230, 305-329.	0.9	5
20	Comparison of mHTT Antibodies in Huntingtonâ€™s Disease Mouse Models Reveal Specific Binding Profiles and Steady-State Ubiquitin Levels with Disease Development. PLoS ONE, 2016, 11, e0155834.	1.1	16
21	A Longitudinal Operant Assessment of Cognitive and Behavioural Changes in the HdhQ111 Mouse Model of Huntingtonâ€™s Disease. PLoS ONE, 2016, 11, e0164072.	1.1	14
22	Direct Comparison of Rat- and Human-Derived Ganglionic Eminence Tissue Grafts on Motor Function. Cell Transplantation, 2016, 25, 665-675.	1.2	11
23	B12â€...Characterising gene expression changes in mouse lines with varying repeat lengths in HTT. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A13.1-A13.	0.9	0
24	Intraspinal stem cell transplantation for amyotrophic lateral sclerosis: Ready for efficacy clinical trials?. Cytotherapy, 2016, 18, 1471-1475.	0.3	21
25	C4â€...Motivation and reward seeking in HD mouse lines: possible association with ventral striatal mHTT load and dopamine receptor loss. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, A28.1-A28.	0.9	0
26	A Longitudinal Motor Characterisation of the HdhQ111 Mouse Model of Huntingtonâ€™s Disease. Journal of Huntington's Disease, 2016, 5, 149-161.	0.9	14
27	Targeting delivery in Parkinson's disease. Drug Discovery Today, 2016, 21, 1313-1320.	3.2	15
28	Cognitive training modifies disease symptoms in a mouse model of Huntington's disease. Experimental Neurology, 2016, 282, 19-26.	2.0	14
29	Using Actiwatch to monitor circadian rhythm disturbance in Huntingtonâ€™ disease: A cautionary note. Journal of Neuroscience Methods, 2016, 265, 13-18.	1.3	13
30	The utilisation of operant delayed matching and non-matching to position for probing cognitive flexibility and working memory in mouse models of Huntington's disease. Journal of Neuroscience Methods, 2016, 265, 72-80.	1.3	23
31	Optimising Golgiâ€“Cox staining for use with perfusion-fixed brain tissue validated in the zQ175 mouse model of Huntington's disease. Journal of Neuroscience Methods, 2016, 265, 81-88.	1.3	39
32	Similar striatal gene expression profiles in the striatum of the YAC128 and HdhQ150 mouse models of Huntingtonâ€™s disease are not reflected in mutant Huntingtin inclusion prevalence. BMC Genomics, 2015, 16, 1079.	1.2	7
33	Translation of Cell Therapies to the Clinic: Characteristics of Cell Suspensions in Large-Diameter Injection Cannulae. Cell Transplantation, 2015, 24, 737-749.	1.2	15
34	A Prospective Pilot Trial for Pallidal Deep Brain Stimulation in Huntingtonâ€™s Disease. Frontiers in Neurology, 2015, 6, 177.	1.1	47
35	Activin A directs striatal projection neuron differentiation of human pluripotent stem cells. Development (Cambridge), 2015, 142, 1375-1386.	1.2	134
36	The 6-OHDA mouse model of Parkinson's disease â€“ Terminal striatal lesions provide a superior measure of neuronal loss and replacement than median forebrain bundle lesions. Behavioural Brain Research, 2015, 288, 107-117.	1.2	46

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37	Huntingtin Subcellular Localisation Is Regulated by Kinase Signalling Activity in the StHdhQ111 Model of HD. PLoS ONE, 2015, 10, e0144864.	1.1	4
38	Nigral 6-hydroxydopamine lesion impairs performance in a lateralised choice reaction time taskâ€"Impact of training and task parameters. Behavioural Brain Research, 2014, 266, 207-215.	1.2	5
39	Identification of Novel Alternative Splicing Events in the Huntingtin Gene and Assessment of the Functional Consequences Using Structural Protein Homology Modelling. Journal of Molecular Biology, 2014, 426, 1428-1438.	2.0	19
40	The effect of additional noradrenergic and serotonergic depletion on a lateralised choice reaction time task in rats with nigral 6-OHDA lesions. Experimental Neurology, 2014, 253, 52-62.	2.0	9
41	Challenges for taking primary and stem cells into clinical neurotransplantation trials for neurodegenerative disease. Neurobiology of Disease, 2014, 61, 79-89.	2.1	56
42	Differentiation of pluripotent stem cells into striatal projection neurons: a pure MSN fate may not be sufficient. Frontiers in Cellular Neuroscience, 2014, 8, 398.	1.8	16
43	Neurotoxins. , 2014, , 1-8.		0
44	Neural tissue transplantation, repair, and rehabilitation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2013, 110, 43-59.	1.0	19
45	What helps can also hinder: A dissociation in the acute effect of levodopa treatment on motor and cognitive functions. Movement Disorders, 2013, 28, 563-564.	2.2	0
46	Exercise attenuates neuropathology and has greater benefit on cognitive than motor deficits in the R6/1 Huntington's disease mouse model. Experimental Neurology, 2013, 248, 457-469.	2.0	59
47	Comparison of rating scales used to evaluate l-DOPA-induced dyskinesia in the 6-OHDA lesioned rat. Neurobiology of Disease, 2013, 50, 142-150.	2.1	37
48	Developmentally coordinated extrinsic signals drive human pluripotent stem cell differentiation toward authentic DARPP-32+ medium-sized spiny neurons. Development (Cambridge), 2013, 140, 301-312.	1.2	146
49	Characterisation of spatial neglect induced by unilateral 6-OHDA lesions on a choice reaction time task in rats. Behavioural Brain Research, 2013, 237, 215-222.	1.2	5
50	115. Cytokine, 2013, 63, 270.	1.4	0
51	Lesions of the dorsomedial striatum impair formation of attentional set in rats. Neuropharmacology, 2013, 71, 148-153.	2.0	41
52	Dopamine-rich grafts alleviate deficits in contralateral response space induced by extensive dopamine depletion in rats. Experimental Neurology, 2013, 247, 485-495.	2.0	19
53	Comparison of 6â€hydroxydopamine lesions of the substantia nigra and the medial forebrain bundle on a lateralised choice reaction time task in mice. European Journal of Neuroscience, 2013, 37, 294-302.	1.2	16
54	Cognitive deficits in animal models of basal ganglia disorders. Brain Research Bulletin, 2013, 92, 29-40.	1.4	10

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55	Behavioural recovery on simple and complex tasks by means of cell replacement therapy in unilateral 6â€hydroxydopamineâ€lesioned mice. European Journal of Neuroscience, 2013, 37, 1691-1704.	1.2	9
56	Is the adult mouse striatum a hostile host for neural transplant survival?. NeuroReport, 2013, 24, 1010-1015.	0.6	15
57	Mouse Models of Huntingtonâ€™s Disease. Current Topics in Behavioral Neurosciences, 2013, 22, 101-133.	0.8	21
58	The long-term safety and efficacy of bilateral transplantation of human fetal striatal tissue in patients with mild to moderate Huntington's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 657-665.	0.9	80
59	Long-term restorative effects of bromocriptine on operant responding in the 6-hydroxydopamine-lesioned rat. NeuroReport, 2013, 24, 1019-1024.	0.6	0
60	Survival and Functional Restoration of Human Fetal Ventral Mesencephalon following Transplantation in a Rat Model of Parkinson's Disease. Cell Transplantation, 2013, 22, 1281-1293.	1.2	40
61	Brain Repair in a Unilateral Rat Model of Huntington's Disease: New Insights into Impairment and Restoration of Forelimb Movement Patterns. Cell Transplantation, 2013, 22, 1735-1751.	1.2	17
62	Reply to "Neonatal desensitization does not universally prevent xenograft rejection". Nature Methods, 2012, 9, 858-858.	9.0	0
63	Amphetamine-Induced Dyskinesia in the Transplanted Hemi-Parkinsonian Mouse. Journal of Parkinson's Disease, 2012, 2, 107-113.	1.5	9
64	Unilateral 6-OHDA Lesions Induce Lateralised Deficits in a â€˜Skinner boxâ€™ Operant Choice Reaction Time Task in Rats. Journal of Parkinson's Disease, 2012, 2, 309-320.	1.5	5
65	Drug repositioning for Alzheimer's disease. Nature Reviews Drug Discovery, 2012, 11, 833-846.	21.5	239
66	Intrastriatal excitotoxic lesion or dopamine depletion of the neostriatum differentially impairs response execution in extrapersonal space. European Journal of Neuroscience, 2012, 36, 3420-3428.	1.2	6
67	Amphetamine-induced rotation in the transplanted hemi-parkinsonian rat â€“ Response to pharmacological modulation. Behavioural Brain Research, 2012, 232, 411-415.	1.2	3
68	Do alpha-synuclein vector injections provide a better model of Parkinson's disease than the classic 6-hydroxydopamine model?. Experimental Neurology, 2012, 237, 36-42.	2.0	31
69	The search for genetic mouse models of prodromal Parkinson's disease. Experimental Neurology, 2012, 237, 267-273.	2.0	24
70	Unilateral nigrostriatal 6-hydroxydopamine lesions in mice II: Predicting l-DOPA-induced dyskinesia. Behavioural Brain Research, 2012, 226, 281-292.	1.2	51
71	Unilateral nigrostriatal 6-hydroxydopamine lesions in mice I: Motor impairments identify extent of dopamine depletion at three different lesion sites. Behavioural Brain Research, 2012, 228, 30-43.	1.2	88
72	Longitudinal analysis of the behavioural phenotype in HdhQ92 Huntington's disease knock-in mice. Brain Research Bulletin, 2012, 88, 148-155.	1.4	37

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73	Longitudinal analysis of the behavioural phenotype in Hdh(CAG)150 Huntington's disease knock-in mice. Brain Research Bulletin, 2012, 88, 182-188.	1.4	49
74	Longitudinal analysis of the behavioural phenotype in YAC128 (C57BL/6J) Huntington's disease transgenic mice. Brain Research Bulletin, 2012, 88, 113-120.	1.4	50
75	A novel extended sequence learning task (ESLeT) for rodents: Validation and the effects of amphetamine, scopolamine and striatal lesions. Brain Research Bulletin, 2012, 88, 237-250.	1.4	10
76	Longitudinal analysis of the behavioural phenotype in R6/1 (C57BL/6J) Huntington's disease transgenic mice. Brain Research Bulletin, 2012, 88, 94-103.	1.4	53
77	Proteomic changes in the brains of Huntington's disease mouse models reflect pathology and implicate mitochondrial changes. Brain Research Bulletin, 2012, 88, 210-222.	1.4	23
78	Early onset deficits on the delayed alternation task in the HdhQ92 knock-in mouse model of Huntington's disease. Brain Research Bulletin, 2012, 88, 156-162.	1.4	17
79	Light and electron microscopic characterization of the evolution of cellular pathology in HdhQ92 Huntington's disease knock-in mice. Brain Research Bulletin, 2012, 88, 171-181.	1.4	27
80	Light and electron microscopic characterization of the evolution of cellular pathology in the Hdh(CAG)150 Huntington's disease knock-in mouse. Brain Research Bulletin, 2012, 88, 189-198.	1.4	31
81	Operant-based instrumental learning for analysis of genetically modified models of Huntington's disease. Brain Research Bulletin, 2012, 88, 261-275.	1.4	12
82	Bilateral striatal lesions disrupt performance in an operant delayed reinforcement task in rats. Brain Research Bulletin, 2012, 88, 251-260.	1.4	13
83	Light and electron microscopic characterization of the evolution of cellular pathology in YAC128 Huntington's disease transgenic mice. Brain Research Bulletin, 2012, 88, 137-147.	1.4	36
84	Selective cognitive impairment in the YAC128 Huntington's disease mouse. Brain Research Bulletin, 2012, 88, 121-129.	1.4	42
85	Longitudinal analyses of operant performance on the serial implicit learning task (SILT) in the YAC128 Huntington's disease mouse line. Brain Research Bulletin, 2012, 88, 130-136.	1.4	22
86	Light and electron microscopic characterization of the evolution of cellular pathology in the R6/1 Huntington's disease transgenic mice. Brain Research Bulletin, 2012, 88, 104-112.	1.4	42
87	Gene expression and behaviour in mouse models of HD. Brain Research Bulletin, 2012, 88, 276-284.	1.4	28
88	Profiles of motor and cognitive impairment in the transgenic rat model of Huntington's disease. Brain Research Bulletin, 2012, 88, 223-236.	1.4	25
89	Longitudinal analysis of gene expression and behaviour in the HdhQ150 mouse model of Huntington's disease. Brain Research Bulletin, 2012, 88, 199-209.	1.4	18
90	Comparative analysis of pathology and behavioural phenotypes in mouse models of Huntington's disease. Brain Research Bulletin, 2012, 88, 81-93.	1.4	34

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91	Five choice serial reaction time performance in the HdhQ92 mouse model of Huntington's disease. Brain Research Bulletin, 2012, 88, 163-170.	1.4	17
92	Introduction (Part I). Progress in Brain Research, 2012, 200, 3-5.	0.9	2
93	Pharmacological modulation of amphetamine-induced dyskinesia in transplanted hemi-parkinsonian rats. Neuropharmacology, 2012, 63, 818-828.	2.0	16
94	Analysis of Skilled Forelimb Movement in Rats: The Single Pellet Reaching Test and Staircase Test. Current Protocols in Neuroscience, 2012, 58, Unit8.28.	2.6	31
95	Assessment of Motor Coordination and Balance in Mice Using the Rotarod, Elevated Bridge, and Footprint Tests. Current Protocols in Mouse Biology, 2012, 2, 37-53.	1.2	49
96	Introduction (Part II). Progress in Brain Research, 2012, 201, 3-5.	0.9	2
97	Nigral grafts in animal models of Parkinson's disease. Is recovery beyond motor function possible?. Progress in Brain Research, 2012, 200, 113-142.	0.9	9
98	Long-term expansion of human foetal neural progenitors leads to reduced graft viability in the neonatal rat brain. Experimental Neurology, 2012, 235, 563-573.	2.0	15
99	The use of rodent skilled reaching as a translational model for investigating brain damage and disease. Neuroscience and Biobehavioral Reviews, 2012, 36, 1030-1042.	2.9	111
100	Cognitive dysfunction and depression in Parkinsonâ€™s disease: what can be learned from rodent models?. European Journal of Neuroscience, 2012, 35, 1894-1907.	1.2	46
101	Longitudinal analysis of the behavioural phenotype in Hdh(CAG)150 Huntington's disease knock-in mice. Brain Research Bulletin, 2012, 88, 182-188.	1.4	29
102	Choice Reaction Time and Learning. , 2012, , 534-537.		4
103	Observing Huntington's disease: the European Huntington's Disease Network's REGISTRY. Journal of Neurology, Neurosurgery and Psychiatry, 2011, 82, 1409-1412.	0.9	82
104	Three-dimensional motion analysis of postural adjustments during over-ground locomotion in a rat model of Parkinson's disease. Behavioural Brain Research, 2011, 220, 119-125.	1.2	10
105	Impaired sensitivity to Pavlovian stimulusâ€“outcome learning after excitotoxic lesion of the ventrolateral neostriatum. Behavioural Brain Research, 2011, 225, 522-528.	1.2	7
106	Technical factors that influence neural transplant safety in Huntington's disease. Experimental Neurology, 2011, 227, 1-9.	2.0	49
107	Aberrant Dopamine Transmission and Cognitive Dysfunction in Animal Models of Parkinson's Disease. Journal of Parkinson's Disease, 2011, 1, 151-165.	1.5	9
108	Medical Terminations of Pregnancy: A Viable Source of Tissue for Cell Replacement Therapy for Neurodegenerative Disorders. Cell Transplantation, 2011, 20, 503-513.	1.2	25

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109	Proximal movements compensate for distal forelimb movement impairments in a reach-to-eat task in Huntington's disease: New insights into motor impairments in a real-world skill. Neurobiology of Disease, 2011, 41, 560-569.	2.1	38
110	Context-driven changes in l-DOPA-induced behaviours in the 6-OHDA lesioned rat. Neurobiology of Disease, 2011, 42, 99-107.	2.1	10
111	A Critical Re-Examination of the Intraluminal Filament MCAO Model: Impact of External Carotid Artery Transection. Translational Stroke Research, 2011, 2, 651-661.	2.3	43
112	Validating the use of M4-BAC-GFP mice as tissue donors in cell replacement therapies in a rodent model of Huntington's disease. Journal of Neuroscience Methods, 2011, 197, 6-13.	1.3	4
113	Increased efficacy of the 6-hydroxydopamine lesion of the median forebrain bundle in small rats, by modification of the stereotaxic coordinates. Journal of Neuroscience Methods, 2011, 200, 29-35.	1.3	35
114	Cell-Based Treatments for Huntington's Disease. International Review of Neurobiology, 2011, 98, 483-508.	0.9	13
115	Clinical translation of cell transplantation in the brain. Current Opinion in Organ Transplantation, 2011, 16, 632-639.	0.8	29
116	Cell transplantation for Huntingtonâ€™s disease: practical and clinical considerations. Future Neurology, 2011, 6, 45-62.	0.9	9
117	Environmental Enrichment Facilitates Long-Term Potentiation in Embryonic Striatal Grafts. Neurorehabilitation and Neural Repair, 2011, 25, 548-557.	1.4	16
118	6-OHDA Lesion Models of Parkinsonâ€™s Disease in the Rat. Neuromethods, 2011, , 267-279.	0.2	9
119	NMDA receptor gene variations as modifiers in Huntington disease: a replication study. PLOS Currents, 2011, 3, RRN1247.	1.4	20
120	Review: Neurorehabilitation With Neural Transplantation. Neurorehabilitation and Neural Repair, 2010, 24, 692-701.	1.4	44
121	Neural grafting in Parkinsonâ€™s disease. Progress in Brain Research, 2010, 184, 295-309.	0.9	57
122	Age-Dependent Maintenance of Motor Controland Corticostriatal Innervation by Death Receptor 3. Journal of Neuroscience, 2010, 30, 3782-3792.	1.7	21
123	Lewy Body Dementia. , 2010, , 705-705.		0
124	Challenges Facing Quantification of Rat Locomotion along Beams of Varying Widths. Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine, 2010, 224, 1257-1265.	1.0	7
125	Pre-treatment with dopamine agonists influence l-dopa mediated rotations without affecting abnormal involuntary movements in the 6-OHDA lesioned rat. Behavioural Brain Research, 2010, 213, 66-72.	1.2	21
126	Behavioral analysis of motor and non-motor symptoms in rodent models of Parkinsonâ€™s disease. Progress in Brain Research, 2010, 184, 35-51.	0.9	38

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127	Observing Huntingtonâ€™s Disease: the European Huntingtonâ€™s Disease Networkâ€™s REGISTRY. PLOS Currents, 2010, 2, RRN1184.	1.4	124
128	Chapter 55 Neural transplantation. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2009, 95, 885-912.	1.0	11
129	Brain-derived neurotrophic factor (BDNF) overexpression in the forebrain results in learning and memory impairments. Neurobiology of Disease, 2009, 33, 358-368.	2.1	101
130	Lesions of the premotor and supplementary motor areas fail to prevent implicit learning in the operant serial implicit learning task. Brain Research, 2009, 1284, 116-124.	1.1	3
131	Neonatal desensitization allows long-term survival of neural xenotransplants without immunosuppression. Nature Methods, 2009, 6, 271-273.	9.0	41
132	Tests to assess motor phenotype in mice: a user's guide. Nature Reviews Neuroscience, 2009, 10, 519-529.	4.9	513
133	Embryonic striatal grafts restore biâ€directional synaptic plasticity in a rodent model of Huntingtonâ€™s disease. European Journal of Neuroscience, 2009, 30, 2134-2142.	1.2	40
134	Membrane permeability coefficients of murine primary neural brain cells in the presence of cryoprotectant. Cryobiology, 2009, 58, 308-314.	0.3	9
135	Genetic, temporal and diurnal influences on L-dopa-induced dyskinesia in the 6-OHDA model. Brain Research Bulletin, 2009, 78, 248-253.	1.4	12
136	Subtle but progressive cognitive deficits in the female tgHD hemizygote rat as demonstrated by operant SILT performance. Brain Research Bulletin, 2009, 79, 310-315.	1.4	18
137	Rule learning, visuospatial function and motor performance in the HdhQ92 knock-in mouse model of Huntington's disease. Behavioural Brain Research, 2009, 203, 215-222.	1.2	33
138	A Simple Breeding Protocol for the Procurement of Accurately Staged Rat Donor Embryos for Neural Transplantation. Cell Transplantation, 2009, 18, 471-476.	1.2	4
139	Medium spiny neurons for transplantation in Huntington's disease. Biochemical Society Transactions, 2009, 37, 323-328.	1.6	28
140	9.4 Transplantation of Dopamine Neurons: Extent and Mechanisms of Functional Recovery in Rodent Models of Parkinson's Disease. , 2009, , 454-477.		3
141	Animal models of Parkinsonâ€™s disease and L-dopa induced dyskinesia: How close are we to the clinic?. Psychopharmacology, 2008, 199, 303-312.	1.5	60
142	Human stem cells for CNS repair. Cell and Tissue Research, 2008, 331, 301-322.	1.5	69
143	Onâ€Chip Alginate Microencapsulation of Functional Cells. Macromolecular Rapid Communications, 2008, 29, 165-170.	2.0	51
144	Animal Models of Parkinsonâ€™s Disease. , 2008, , 313-322.		3

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145	Brain gene expression correlates with changes in behavior in the R6/1 mouse model of Huntingtonâ€™s disease. Genes, Brain and Behavior, 2008, 7, 288-299.	1.1	58
146	Recovery of functional deficits following early donor age ventral mesencephalic grafts in a rat model of Parkinson's disease. Neuroscience, 2008, 154, 631-640.	1.1	46
147	Time course of choice reaction time deficits in the HdhQ92 knock-in mouse model of Huntington's disease in the operant Serial Implicit Learning Task (SILT). Behavioural Brain Research, 2008, 189, 317-324.	1.2	36
148	Ascorbic Acid Increases the Number of Dopamine Neurons In Vitro and in Transplants to the 6-OHDA-Lesioned Rat Brain. Cell Transplantation, 2008, 17, 763-773.	1.2	31
149	Potential cellular and regenerative approaches for the treatment of Parkinson’s disease. Neuropsychiatric Disease and Treatment, 2008, 4, 835.	1.0	19
150	Functional Analysis of Fronto-Striatal Reconstruction by Striatal Grafts. Novartis Foundation Symposium, 2008, , 21-52.	1.2	17
151	Environmental Housing and Duration of Exposure Affect Striatal Graft Morphology in a Rodent Model of Huntington's Disease. Cell Transplantation, 2008, 17, 1125-1134.	1.2	23
152	Striatal graft projections are influenced by donor cell type and not the immunogenic background. Brain, 2007, 130, 1317-1329.	3.7	40
153	Microfluidic chip-based synthesis of alginate microspheres for encapsulation of immortalized human cells. Biomicrofluidics, 2007, 1, 014105.	1.2	60
154	Mutant huntingtin's effects on striatal gene expression in mice recapitulate changes observed in human Huntington's disease brain and do not differ with mutant huntingtin length or wild-type huntingtin dosage. Human Molecular Genetics, 2007, 16, 1845-1861.	1.4	304
155	Movement without dopamine: striatal dopamine is required to maintain but not to perform learned actions. Biochemical Society Transactions, 2007, 35, 428-432.	1.6	22
156	Stem cell transplantation for neurodegenerative diseases. Current Opinion in Neurology, 2007, 20, 688-692.	1.8	68
157	Fifty years of dopamine research. Trends in Neurosciences, 2007, 30, 185-187.	4.2	109
158	Dopamine neuron systems in the brain: an update. Trends in Neurosciences, 2007, 30, 194-202.	4.2	1,414
159	Improved survival of young donor age dopamine grafts in a rat model of Parkinsonâ€™s disease. Neuroscience, 2007, 146, 1606-1617.	1.1	46
160	The corridor task: Striatal lesion effects and graft-mediated recovery in a model of Huntington's disease. Behavioural Brain Research, 2007, 179, 326-330.	1.2	20
161	Stem cell transplantation for Huntington's disease. Experimental Neurology, 2007, 203, 279-292.	2.0	57
162	Cell transplantation for Huntington's disease. Brain Research Bulletin, 2007, 72, 132-147.	1.4	35

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163	Amphetamine induced rotation in the assessment of lesions and grafts in the unilateral rat model of Parkinson's disease. European Neuropsychopharmacology, 2007, 17, 206-214.	0.3	28
164	Neural Transplantation in Parkinson's Disease. , 2007, , 439-454.		1
165	An operant serial implicit learning task (SILT) in rats: Task acquisition, performance and the effects of striatal lesions. Journal of Neuroscience Methods, 2007, 163, 235-244.	1.3	24
166	The operant serial implicit learning task reveals early onset motor learning deficits in the HdhQ92knock-in mouse model of Huntington's disease. European Journal of Neuroscience, 2007, 25, 551-558.	1.2	56
167	Striatal lesions in the mouse disrupt acquisition and retention, but not implicit learning, in the SILT procedural motor learning task. Brain Research, 2007, 1185, 179-188.	1.1	17
168	Neural Transplantation in Huntington's Disease. , 2007, , 417-437.		2
169	The effects of lateralized training on spontaneous forelimb preference, lesion deficits, and graft-mediated functional recovery after unilateral striatal lesions in rats. Experimental Neurology, 2006, 199, 373-383.	2.0	31
170	Striatal grafts alleviate bilateral striatal lesion deficits in operant delayed alternation in the rat. Experimental Neurology, 2006, 199, 479-489.	2.0	28
171	Double dissociation between hippocampal and prefrontal lesions on an operant delayed matching task and a water maze reference memory task. Behavioural Brain Research, 2006, 171, 116-126.	1.2	123
172	Hippocampal lesions impair performance on a conditional delayed matching and non-matching to position task in the rat. Behavioural Brain Research, 2006, 171, 240-250.	1.2	16
173	Selective extra-dimensional set shifting deficit in a knock-in mouse model of Huntington's disease. Brain Research Bulletin, 2006, 69, 452-457.	1.4	42
174	Pharmaceutical, cellular and genetic therapies for Huntington's disease. Clinical Science, 2006, 110, 73-88.	1.8	47
175	Fronto-striatal disconnection disrupts operant delayed alternation performance in the rat. NeuroReport, 2006, 17, 435-441.	0.6	14
176	Neural Transplantation in Huntington's Disease: The NEST-UK Donor Tissue Microbiological Screening Program and Review of the Literature. Cell Transplantation, 2006, 15, 279-294.	1.2	15
177	Re-examining the ontogeny of substantia nigra dopamine neurons. European Journal of Neuroscience, 2006, 23, 1384-1390.	1.2	71
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