Elena Cattaneo

List of Publications by Year
in descending order

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181	21,161	15880	11608
papers	citations	67 h-index	140 g-index

191	191	191	26355
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The evolutionary history of the polyQ tract in huntingtin sheds light on its functional pro-neural activities. Cell Death and Differentiation, 2022, 29, 293-305.	5.0	12
2	The need for a standard for informed consent for collection of human fetal material. Stem Cell Reports, 2022, 17, 1245-1247.	2.3	3
3	ADAM10 hyperactivation acts on piccolo to deplete synaptic vesicle stores in Huntingtonâ€™s disease. Human Molecular Genetics, 2021, 30, 1175-1187.	1.4	11
4	Insights into kinetics, release, and behavioral effects of brain-targeted hybrid nanoparticles for cholesterol delivery in Huntington's disease. Journal of Controlled Release, 2021, 330, 587-598.	4.8	33
5	hiPSCs for predictive modelling of neurodegenerative diseases: dreaming the possible. Nature Reviews Neurology, 2021, 17, 381-392.	4.9	30
6	SREBP2 gene therapy targeting striatal astrocytes ameliorates Huntingtonâ€™s disease phenotypes. Brain, 2021, 144, 3175-3190.	3.7	17
7	The coding and long noncoding single-cell atlas of the developing human fetal striatum. Science, 2021, 372, .	6.0	40
8	Efficacy of Cholesterol Nose-to-Brain Delivery for Brain Targeting in Huntingtonâ€™s Disease. ACS Chemical Neuroscience, 2020, 11, 367-372.	1.7	22
9	Huntingtin gene CAG repeat size affects autism risk: Familyâ€based and caseâ€“control association study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2020, 183, 341-351.	1.1	5
10	Stem Cell-Derived Human Striatal Progenitors Innervate Striatal Targets and Alleviate Sensorimotor Deficit in a Rat Model of Huntington Disease. Stem Cell Reports, 2020, 14, 876-891.	2.3	24
11	RUES2 hESCs exhibit MGE-biased neuronal differentiation and muHTT-dependent defective specification hinting at SP1. Neurobiology of Disease, 2020, 146, 105140.	2.1	4
12	A CRISPR-strategy for the generation of a detectable fluorescent hESC reporter line (WAe009-A-37) for the subpallial determinant GSX2. Stem Cell Research, 2020, 49, 102016.	0.3	0
13	DNAJB6, a Key Factor in Neuronal Sensitivity to Amyloidogenesis. Molecular Cell, 2020, 78, 346-358.e9.	4.5	62
14	Striatal infusion of cholesterol promotes doseâ€dependent behavioral benefits and exerts diseaseâ€modifying effects in Huntington's disease mice. EMBO Molecular Medicine, 2020, 12, e12519.	3.3	13
15	Allele-specific silencing as treatment for gene duplication disorders: proof-of-principle in autosomal dominant leukodystrophy. Brain, 2019, 142, 1905-1920.	3.7	15
16	Dynamic and Cell-Specific DACH1 Expression in Human Neocortical and Striatal Development. Cerebral Cortex, 2019, 29, 2115-2124.	1.6	19
17	Inhibiting pathologically active ADAM10 rescues synaptic and cognitive decline in Huntingtonâ€™s disease. Journal of Clinical Investigation, 2019, 129, 2390-2403.	3.9	38
18	Differentiation of human telencephalic progenitor cells into MSNs by inducible expression of Gsx2 and Ebf1. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E1234-E1242.	3.3	28

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19	Early and brain region-specific decrease of de novo cholesterol biosynthesis in Huntington's disease: A cross-validation study in Q175 knock-in mice. Neurobiology of Disease, 2017, 98, 66-76.	2.1	36
20	Phosphorylation of huntingtin at residue T3 is decreased in Huntingtonâ€™s disease and modulates mutant huntingtin protein conformation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10809-E10818.	3.3	63
21	Sexâ€specific effects of the Huntington gene on normal neurodevelopment. Journal of Neuroscience Research, 2017, 95, 398-408.	1.3	41
22	Dans lâ€™ombre de Huntington. , 2017, NÂ° 90, 14-20.		0
23	The Huntington's Paradox. Scientific American, 2016, 315, 56-61.	1.0	6
24	Cholesterolâ€loaded nanoparticles ameliorate synaptic and cognitive function in <scp>H</scp> untington's disease mice. EMBO Molecular Medicine, 2015, 7, 1547-1564.	3.3	84
25	Investigating DNA Methylation Dynamics and Safety of Human Embryonic Stem Cell Differentiation Toward Striatal Neurons. Stem Cells and Development, 2015, 24, 2366-2377.	1.1	6
26	Genome-Wide Definition of Promoter and Enhancer Usage during Neural Induction of Human Embryonic Stem Cells. PLoS ONE, 2015, 10, e0126590.	1.1	4
27	Therapeutic potential of neural stem cells: greater in people's perception than in their brains?. Frontiers in Neuroscience, 2014, 8, 79.	1.4	14
28	Repressor elementâ€1 silencing transcription factor (<scp>REST</scp>) is present in human control and <scp>H</scp>untington's disease neurones. Neuropathology and Applied Neurobiology, 2014, 40, 899-910.	1.8	28
29	Mutant Huntingtin promotes autonomous microglia activation via myeloid lineage-determining factors. Nature Neuroscience, 2014, 17, 513-521.	7.1	274
30	Huntingtonâ€™s Disease. Handbook of Experimental Pharmacology, 2014, 220, 357-409.	0.9	90
31	Stamina therapies: Let the record stand. Nature, 2014, 506, 434-434.	13.7	4
32	Molecular and functional definition of the developing human striatum. Nature Neuroscience, 2014, 17, 1804-1815.	7.1	65
33	Forkhead Transcription Factor FOXO3a Levels Are Increased in Huntington Disease Because of Overactivated Positive Autofeedback Loop. Journal of Biological Chemistry, 2014, 289, 32845-32857.	1.6	42
34	Stem cells: Taking a stand against pseudoscience. Nature, 2014, 510, 333-335.	13.7	42
35	Normal Function of Huntingtin. , 2014, , .		6
36	InÂvitro and inÂvivo models of <scp>H</scp>untington's disease show alterations in the endocannabinoid system. FEBS Journal, 2013, 280, 3376-3388.	2.2	37

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37	High throughput screening for inhibitors of REST in neural derivatives of human embryonic stem cells reveals a chemical compound that promotes expression of neuronal genes. Stem Cells, 2013, 31, 1816-1828.	1.4	69
38	Regulation of stem cell therapies under attack in Europe: for whom the bell tolls. EMBO Journal, 2013, 32, 1489-1495.	3.5	79
39	iPSC-derived neural precursors exert a neuroprotective role in immune-mediated demyelination via the secretion of LIF. Nature Communications, 2013, 4, 2597.	5.8	104
40	Lack of huntingtin promotes neural stem cells differentiation into glial cells while neurons expressing huntingtin with expanded polyglutamine tracts undergo cell death. Neurobiology of Disease, 2013, 50, 160-170.	2.1	36
41	Binding of the repressor complex RESTâ€‹scp›mSIN‹/scp›3b by small molecules restores neuronal gene transcription in Huntington's disease models. Journal of Neurochemistry, 2013, 127, 22-35.	2.1	44
42	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
43	Neural Stem Cells Engrafted in the Adult Brain Fuse with Endogenous Neurons. Stem Cells and Development, 2013, 22, 538-547.	1.1	22
44	EZ spheres: A stable and expandable culture system for the generation of pre-rosette multipotent stem cells from human ESCs and iPSCs. Stem Cell Research, 2013, 10, 417-427.	0.3	102
45	Human Pluripotent Stem Cell Differentiation into Authentic Striatal Projection Neurons. Stem Cell Reviews and Reports, 2013, 9, 461-474.	5.6	60
46	A Transgenic Minipig Model of Huntington's Disease. Journal of Huntington's Disease, 2013, 2, 47-68.	0.9	94
47	HTT Evolution and Brain Development. Research and Perspectives in Neurosciences, 2013, , 41-55.	0.4	1
48	Foreword. Progress in Neurobiology, 2012, 97, 53.	2.8	4
49	NP03, a novel low-dose lithium formulation, is neuroprotective in the YAC128 mouse model of Huntington disease. Neurobiology of Disease, 2012, 48, 282-289.	2.1	47
50	An evolutionary recent neuroepithelial cell adhesion function of huntingtin implicates ADAM10-Ncadherin. Nature Neuroscience, 2012, 15, 713-721.	7.1	99
51	REST Controls Self-Renewal and Tumorigenic Competence of Human Glioblastoma Cells. PLoS ONE, 2012, 7, e38486.	1.1	82
52	Induced pluripotent stem cell lines from Huntington's disease mice undergo neuronal differentiation while showing alterations in the lysosomal pathway. Neurobiology of Disease, 2012, 46, 30-40.	2.1	35
53	The first reported generation of several induced pluripotent stem cell lines from homozygous and heterozygous Huntington's disease patients demonstrates mutation related enhanced lysosomal activity. Neurobiology of Disease, 2012, 46, 41-51.	2.1	159
54	Pitfalls in the detection of cholesterol in Huntingtonâ€™s disease models. PLOS Currents, 2012, 4, e505886e9a1968.	1.4	13

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55	Systematic Chromosomal Analysis of Cultured Mouse Neural Stem Cell Lines. Stem Cells and Development, 2011, 20, 1411-1423.	1.1	23
56	Emerging roles for cholesterol in Huntington's disease. Trends in Neurosciences, 2011, 34, 474-486.	4.2	102
57	Rescue of gene expression by modified REST decoy oligonucleotides in a cellular model of Huntingtonâ€™s disease. Journal of Neurochemistry, 2011, 116, 415-425.	2.1	44
58	Science under politics. EMBO Reports, 2011, 12, 19-22.	2.0	12
59	Preservation of positional identity in fetus-derived neural stem (NS) cells from different mouse central nervous system compartments. Cellular and Molecular Life Sciences, 2011, 68, 1769-1783.	2.4	34
60	mSEL-1L (Suppressor/Enhancer Lin12-like) Protein Levels Influence Murine Neural Stem Cell Self-renewal and Lineage Commitment. Journal of Biological Chemistry, 2011, 286, 18708-18719.	1.6	21
61	Wnt5a Is a Transcriptional Target of Dlx Homeogenes and Promotes Differentiation of Interneuron Progenitors In Vitro and In Vivo. Journal of Neuroscience, 2011, 31, 2675-2687.	1.7	49
62	Peroxisome-Proliferator-Activated Receptor Gamma Coactivator 1 Â Contributes to Dysmyelination in Experimental Models of Huntington's Disease. Journal of Neuroscience, 2011, 31, 9544-9553.	1.7	117
63	Brain-Derived Neurotrophic Factor in Patients with Huntington's Disease. PLoS ONE, 2011, 6, e22966.	1.1	118
64	Human accelerated region 1 noncoding RNA is repressed by REST in Huntington's disease. Physiological Genomics, 2010, 41, 269-274.	1.0	97
65	The role of REST in transcriptional and epigenetic dysregulation in Huntington's disease. Neurobiology of Disease, 2010, 39, 28-39.	2.1	134
66	Adaptation of NS cells growth and differentiation to high-throughput screening-compatible plates. BMC Neuroscience, 2010, 11, 7.	0.8	11
67	A DNA transposon-based approach to functional screening in neural stem cells. Journal of Biotechnology, 2010, 150, 11-21.	1.9	8
68	Neural stem cell systems: physiological players or in vitro entities?. Nature Reviews Neuroscience, 2010, 11, 176-187.	4.9	281
69	Italy's stem-cell challenge gaining momentum. Nature, 2010, 463, 729-729.	13.7	2
70	Analysis of the Repressor Elementâ€1 Silencing Transcription Factor/Neuronâ€Restrictive Silencer Factor Occupancy of Nonâ€Neuronal Genes in Peripheral Lymphocytes from Patients with Huntington's Disease. Brain Pathology, 2010, 20, 96-105.	2.1	18
71	Neuroprotection and brain cholesterol biosynthesis in Huntingtonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, E143; author reply 144.	3.3	8
72	Cholesterol Defect Is Marked across Multiple Rodent Models of Huntington's Disease and Is Manifest in Astrocytes. Journal of Neuroscience, 2010, 30, 10844-10850.	1.7	136

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73	Neuropotent self-renewing neural stem (NS) cells derived from mouse induced pluripotent stem (iPS) cells. Molecular and Cellular Neurosciences, 2010, 43, 287-295.	1.0	55
74	Patients Beware: Commercialized Stem Cell Treatments on the Web. Cell Stem Cell, 2010, 7, 43-49.	5.2	50
75	Molecular Mechanisms and Potential Therapeutical Targets in Huntington's Disease. Physiological Reviews, 2010, 90, 905-981.	13.1	732
76	Expressed Alu repeats as a novel, reliable tool for normalization of real-time quantitative RT-PCR data. Genome Biology, 2010, 11, R9.	13.9	44
77	Evaluation of Histone Deacetylases as Drug Targets in Huntingtonâ€™s Disease modelsStudy of HDACs in brain tissues from R6/2 and CAG140 knock-in HD mouse models and human patients and in a neuronal HD cell model.. PLOS Currents, 2010, 2, RRN1172.	1.4	33
78	Brain-derived neurotrophic factor in neurodegenerative diseases. Nature Reviews Neurology, 2009, 5, 311-322.	4.9	803
79	Temozolomide and carmustine cause large-scale heterochromatin reorganization in glioma cells. Biochemical and Biophysical Research Communications, 2009, 379, 434-439.	1.0	32
80	p66ShcA adaptor molecule accelerates ES cell neural induction. Molecular and Cellular Neurosciences, 2009, 41, 74-84.	1.0	8
81	A Gene Network Regulating Lysosomal Biogenesis and Function. Science, 2009, 325, 473-477.	6.0	1,958
82	Turning REST/NRSF Dysfunction in Huntingtons Disease into a Pharmaceutical Target. Current Pharmaceutical Design, 2009, 15, 3958-3967.	0.9	29
83	RESEARCH ARTICLE: Systematic Assessment of BDNF and Its Receptor Levels in Human Cortices Affected by Huntington's Disease. Brain Pathology, 2008, 18, 225-238.	2.1	197
84	SAR and QSAR study on 2-aminothiazole derivatives, modulators of transcriptional repression in Huntingtonâ€™s disease. Bioorganic and Medicinal Chemistry, 2008, 16, 5695-5703.	1.4	49
85	Do amniotic fluidâ€“derived stem cells differentiate into neurons in vitro?. Nature Biotechnology, 2008, 26, 269-270.	9.4	24
86	A microRNA-based gene dysregulation pathway in Huntington's disease. Neurobiology of Disease, 2008, 29, 438-445.	2.1	338
87	Long-term tripotent differentiation capacity of human neural stem (NS) cells in adherent culture. Molecular and Cellular Neurosciences, 2008, 38, 245-258.	1.0	199
88	CEP-1347 reduces mutant huntingtin-associated neurotoxicity and restores BDNF levels in R6/2 mice. Molecular and Cellular Neurosciences, 2008, 39, 8-20.	1.0	83
89	Blood level of brain-derived neurotrophic factor mRNA is progressively reduced in rodent models of Huntington's disease: Restoration by the neuroprotective compound CEP-1347. Molecular and Cellular Neurosciences, 2008, 39, 1-7.	1.0	46
90	New ISSCR Guidelines Underscore Major Principles for Responsible Translational Stem Cell Research. Cell Stem Cell, 2008, 3, 607-609.	5.2	218

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91	Novel neural stem cell systems. Expert Opinion on Biological Therapy, 2008, 8, 153-160.	1.4	8
92	In VitroCharacterization of Embryionic ST14A-Cells. International Journal of Neuroscience, 2008, 118, 1489-1501.	0.8	4
93	Phylogenetic Comparison of Huntingtin Homologues Reveals the Appearance of a Primitive polyQ in Sea Urchin. Molecular Biology and Evolution, 2008, 25, 330-338.	3.5	78
94	Calcium Homeostasis and Mitochondrial Dysfunction in Striatal Neurons of Huntington Disease. Journal of Biological Chemistry, 2008, 283, 5780-5789.	1.6	168
95	Plasma 24S-hydroxycholesterol and caudate MRI in pre-manifest and early Huntington's disease. Brain, 2008, 131, 2851-2859.	3.7	127
96	Novel and Immortalization-Based Protocols for the Generation of Neural CNS Stem Cell Lines for Gene Therapy Approaches. Methods in Molecular Biology, 2008, 438, 319-332.	0.4	7
97	Widespread Disruption of Repressor Element-1 Silencing Transcription Factor/Neuron-Restrictive Silencer Factor Occupancy at Its Target Genes in Huntington's Disease. Journal of Neuroscience, 2007, 27, 6972-6983.	1.7	257
98	Loss of Huntingtin Function Complemented by Small Molecules Acting as Repressor Element 1/Neuron Restrictive Silencer Element Silencer Modulators*. Journal of Biological Chemistry, 2007, 282, 24554-24562.	1.6	39
99	Cholesterol biosynthesis pathway is disturbed in YAC128 mice and is modulated by huntingtin mutation. Human Molecular Genetics, 2007, 16, 2187-2198.	1.4	106
100	Role of brain-derived neurotrophic factor in Huntington's disease. Progress in Neurobiology, 2007, 81, 294-330.	2.8	486
101	Chromatin dysfunction in Huntington's disease. Progress in Neurobiology, 2007, 83, 193-194.	2.8	1
102	Proteasome Activator Enhances Survival of Huntington's Disease Neuronal Model Cells. PLoS ONE, 2007, 2, e238.	1.1	110
103	Characterization, developmental expression and evolutionary features of the huntingtin gene in the amphioxus Branchiostoma floridae. BMC Developmental Biology, 2007, 7, 127.	2.1	11
104	Selective inhibitors of death in mutant huntingtin cells. , 2007, 3, 99-100.		41
105	Severe deficiency of the fatty acid amide hydrolase (FAAH) activity segregates with the Huntington's disease mutation in peripheral lymphocytes. Neurobiology of Disease, 2007, 27, 108-116.	2.1	58
106	Progressive dysfunction of the cholesterol biosynthesis pathway in the R6/2 mouse model of Huntingtonâ€™s disease. Neurobiology of Disease, 2007, 28, 133-142.	2.1	104
107	Protective role of Cop in Rip2/Caspase-1/Caspase-4-mediated HeLa cell death. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2006, 1762, 742-754.	1.8	14
108	Cholesterol dysfunction in neurodegenerative diseases: Is Huntington's disease in the list?. Progress in Neurobiology, 2006, 80, 165-176.	2.8	63

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109	Neural Stem Cell Systems: Diversities and Properties after Transplantation in Animal Models of Diseases. Brain Pathology, 2006, 16, 143-154.	2.1	66
110	Early and transient alteration of adenosine A2A receptor signaling in a mouse model of Huntington disease. Neurobiology of Disease, 2006, 23, 44-53.	2.1	75
111	No evidence of association between BDNF gene variants and age-at-onset of Huntington's disease. Neurobiology of Disease, 2006, 24, 274-279.	2.1	18
112	Huntingtin gene evolution in Chordata and its peculiar features in the ascidian Ciona genus. BMC Genomics, 2006, 7, 288.	1.2	24
113	The Function of the Neuronal Proteins Shc and Huntingtin in Stem Cells and Neurons: Pharmacologic Exploitation for Human Brain Diseases. Annals of the New York Academy of Sciences, 2005, 1049, 39-50.	1.8	2
114	Normal huntingtin function: an alternative approach to Huntington's disease. Nature Reviews Neuroscience, 2005, 6, 919-930.	4.9	590
115	Shc3 affects human high-grade astrocytomas survival. Oncogene, 2005, 24, 5198-5206.	2.6	29
116	Stem Cells for neurodegenerative diseases: Hopes and reality. Rendiconti Lincei, 2005, 16, 109-117.	1.0	0
117	Dysfunction of the Cholesterol Biosynthetic Pathway in Huntington's Disease. Journal of Neuroscience, 2005, 25, 9932-9939.	1.7	236
118	Niche-Independent Symmetrical Self-Renewal of a Mammalian Tissue Stem Cell. PLoS Biology, 2005, 3, e283.	2.6	761
119	Controlling neural stem cell division within the adult subventricular zone: an APPealing job. Trends in Neurosciences, 2005, 28, 57-59.	4.2	23
120	Progressive loss of BDNF in a mouse model of Huntington's disease and rescue by BDNF delivery. Pharmacological Research, 2005, 52, 133-139.	3.1	170
121	Prevention of cytosolic IAPs degradation: a potential pharmacological target in Huntington's Disease. Pharmacological Research, 2005, 52, 140-150.	3.1	37
122	From target identification to drug screening assays for neurodegenerative diseases. Pharmacological Research, 2005, 52, 245-251.	3.1	8
123	Neural stem and progenitor cells: choosing the right Shc. Progress in Brain Research, 2004, 146, 127-133.	0.9	8
124	ErbB4 Expression in Neural Progenitor Cells (ST14A) Is Necessary to Mediate Neuregulin-1Î²1-induced Migration. Journal of Biological Chemistry, 2004, 279, 48808-48816.	1.6	57
125	Membrane trafficking and mitochondrial abnormalities precede subunit c deposition in a cerebellar cell model of juvenile neuronal ceroid lipofuscinosis. BMC Neuroscience, 2004, 5, 57.	0.8	122
126	Wnt-5a expression in the rat neuronal progenitor cell line ST14A. Experimental Brain Research, 2004, 158, 189-95.	0.7	11

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127	Ciliary neurotrophic factor overexpression in neural progenitor cells (ST14A) increases proliferation, metabolic activity, and resistance to stress during differentiation. Journal of Neuroscience Research, 2004, 75, 861-861.	1.3	0
128	SUMO Modification of Huntingtin and Huntington's Disease Pathology. Science, 2004, 304, 100-104.	6.0	627
129	Induction of GABAergic phenotype in a neural stem cell line for transplantation in an excitotoxic model of Huntington's disease. Experimental Neurology, 2004, 190, 42-58.	2.0	69
130	Neurologic Diseases. , 2004, , 695-702.		1
131	Ciliary neurotrophic factor overexpression in neural progenitor cells (ST14A) increases proliferation, metabolic activity, and resistance to stress during differentiation. Journal of Neuroscience Research, 2003, 71, 228-236.	1.3	20
132	Gene expression profiling of ciliary neurotrophic factor-overexpressing rat striatal progenitor cells (ST14A) indicates improved stress response during the early stage of differentiation. Journal of Neuroscience Research, 2003, 73, 42-53.	1.3	17
133	Depletion of wild-type huntingtin in mouse models of neurologic diseases. Journal of Neurochemistry, 2003, 87, 101-106.	2.1	97
134	Co-localization of brain-derived neurotrophic factor (BDNF) and wild-type huntingtin in normal and quinolinic acid-lesioned rat brain. European Journal of Neuroscience, 2003, 18, 1093-1102.	1.2	57
135	Transplantation of prodrug-converting neural progenitor cells for brain tumor therapy. Cancer Gene Therapy, 2003, 10, 396-402.	2.2	99
136	Huntingtin interacts with REST/NRSF to modulate the transcription of NRSE-controlled neuronal genes. Nature Genetics, 2003, 35, 76-83.	9.4	807
137	Neural stem cells: a pharmacological tool for brain diseases?. Pharmacological Research, 2003, 47, 289-297.	3.1	19
138	EMSY Links the BRCA2 Pathway to Sporadic Breast and Ovarian Cancer. Cell, 2003, 115, 523-535.	13.5	389
139	Freshly dissociated fetal neural stem/progenitor cells do not turn into blood. Molecular and Cellular Neurosciences, 2003, 22, 179-187.	1.0	29
140	Aberrant A 2A receptor function in peripheral blood cells in Huntington's disease. FASEB Journal, 2003, 17, 1-16.	0.2	75
141	Minocycline inhibits caspase-independent and -dependent mitochondrial cell death pathways in models of Huntington's disease. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10483-10487.	3.3	390
142	Dysfunction of Wild-Type Huntingtin in Huntington disease. Physiology, 2003, 18, 34-37.	1.6	23
143	Early transcriptional profiles in huntingtin-inducible striatal cells by microarray analyses. Human Molecular Genetics, 2002, 11, 1953-1965.	1.4	189
144	Modeling Brain Pathologies Using Neural Stem Cells. , 2002, 198, 245-262.		3

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145	Gene Therapy Using Neural Stem Cells. , 2002, 198, 233-244.		1
146	Calcium-dependent Cleavage of Endogenous Wild-type Huntingtin in Primary Cortical Neurons. Journal of Biological Chemistry, 2002, 277, 39594-39598.	1.6	73
147	Mutant huntingtin goes straight to the heart. Nature Neuroscience, 2002, 5, 711-712.	7.1	15
148	Neural stem cell therapy for neurological diseases: dreams and reality. Nature Reviews Neuroscience, 2002, 3, 401-409.	4.9	283
149	Analyses of Intracellular Signal Transduction Pathways in CNS Progenitor Cells. , 2002, , 1-13.		0
150	Loss of Huntingtin-Mediated BDNF Gene Transcription in Huntington's Disease. Science, 2001, 293, 493-498.	6.0	1,191
151	ST14A Cells Have Properties of a Medium-Size Spiny Neuron. Experimental Neurology, 2001, 167, 215-226.	2.0	69
152	Ciliary Neurotrophic Factor May Activate Mature Astrocytes via Binding with the Leukemia Inhibitory Factor Receptor. Molecular and Cellular Neurosciences, 2001, 17, 373-384.	1.0	25
153	Aberrant amplification of A 2A receptor signaling in striatal cells expressing mutant huntingtin. FASEB Journal, 2001, 15, 1245-1247.	0.2	84
154	Modeling Huntington's Disease in Cells, Flies, and Mice. Molecular Neurobiology, 2001, 23, 21-52.	1.9	69
155	Shc signaling in differentiating neural progenitor cells. Nature Neuroscience, 2001, 4, 579-586.	7.1	103
156	Huntingtin's Neuroprotective Activity Occurs via Inhibition of Procaspase-9 Processing. Journal of Biological Chemistry, 2001, 276, 14545-14548.	1.6	134
157	Characterization of a p75NTR Apoptotic Signaling Pathway Using a Novel Cellular Model. Journal of Biological Chemistry, 2001, 276, 33812-33820.	1.6	98
158	Gene therapy of experimental brain tumors using neural progenitor cells. Nature Medicine, 2000, 6, 447-450.	15.2	450
159	Wild-Type Huntingtin Protects from Apoptosis Upstream of Caspase-3. Journal of Neuroscience, 2000, 20, 3705-3713.	1.7	349
160	Upregulation and Activation of Stat6 Precede Vascular Smooth Muscle Cell Proliferation in Carotid Artery Injury Model. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 931-939.	1.1	19
161	Dominant phenotypes produced by the HD mutation in STHdhQ111 striatal cells. Human Molecular Genetics, 2000, 9, 2799-2809.	1.4	556
162	Inhibiting Caspase Cleavage of Huntingtin Reduces Toxicity and Aggregate Formation in Neuronal and Nonneuronal Cells. Journal of Biological Chemistry, 2000, 275, 19831-19838.	1.6	320

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163	STAT signalling in the mature and aging brain. International Journal of Developmental Neuroscience, 2000, 18, 439-446.	0.7	55
164	Signalling from Tyrosine Kinases in the Developing Neurons and Glia of the Mammalian Brain. Results and Problems in Cell Differentiation, 2000, 30, 217-240.	0.2	0
165	Signalling through the JAKâ€“STAT pathway in the developing brain. Trends in Neurosciences, 1999, 22, 365-369.	4.2	97
166	Expression of the JAK and STAT superfamilies in human meningiomas. Journal of Neurosurgery, 1999, 91, 440-446.	0.9	41
167	Generation and characterization of embryonic striatal conditionally immortalized ST14A cells. , 1998, 53, 223-234.		123
168	Members of the JAK/STAT proteins are expressed and regulated during development in the mammalian forebrain. , 1998, 54, 320-330.		103
169	Emerging roles for SH2/PTB-containing Shc adaptor proteins in the developing mammalian brain. Trends in Neurosciences, 1998, 21, 476-481.	4.2	102
170	Retroviral-mediated transfer of the galactocerebrosidase gene in neural progenitor cells. NeuroReport, 1998, 9, 3823-2827.	0.6	25
171	Limited Efficacy of the HSV-TK/GCV System for Gene Therapy of Malignant Gliomas and Perspectives for the Combined Transduction of the Interleukin-4 Gene. Human Gene Therapy, 1997, 8, 1345-1353.	1.4	69
172	Survival, Integration, and Differentiation of Neural Stem Cell Lines after Transplantation to the Adult Rat Striatum. Experimental Neurology, 1997, 145, 342-360.	2.0	178
173	Changes in Î² amyloid precursor protein secretion associated with the proliferative status of CNS derived progenitor cells. Neuroscience Letters, 1996, 212, 199-203.	1.0	16
174	Non-virally mediated gene transfer into human central nervous system precursor cells. Molecular Brain Research, 1996, 42, 161-166.	2.5	16
175	Intracerebral tetracycline-dependent regulation of gene expression in grafts of neural precursors. NeuroReport, 1996, 7, 1655-1659.	0.6	34
176	Scattered primary and conditionally immortalized neuroepithelial cells transplanted into the embryonic rat brain differentiate into neurons and glial cells. Neuroscience Research Communications, 1996, 18, 175-183.	0.2	1
177	Activation of the JAK/STAT Pathway Leads to Proliferation of ST14A Central Nervous System Progenitor Cells. Journal of Biological Chemistry, 1996, 271, 23374-23379.	1.6	41
178	A short term analysis of the behaviour of conditionally immortalized neuronal progenitors and primary neuroepithelial cells implanted into the fetal rat brain. Developmental Brain Research, 1994, 83, 197-208.	2.1	75
179	Identifying and manipulating neuronal stem cells. Trends in Neurosciences, 1991, 14, 338-340.	4.2	58
180	Proliferation and differentiation of neuronal stem cells regulated by nerve growth factor. Nature, 1990, 347, 762-765.	13.7	692

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181	c-fos induction by estrogen in specific rat brain areas. European Journal of Pharmacology, 1990, 188, 153-159.	2.7	58