Bronwen Connor

List of Publications by Year
in descending order

68	4,442	172457	102487
papers	citations	29 h-index	66 g-index

70	70	70	5299
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Brain-derived neurotrophic factor is reduced in Alzheimer's disease. Molecular Brain Research, 1997, 49, 71-81.	2.3	519
2	Increased cell proliferation and neurogenesis in the adult human Huntington's disease brain. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9023-9027.	7.1	494
3	The role of neuronal growth factors in neurodegenerative disorders of the human brain. Brain Research Reviews, 1998, 27, 1-39.	9.0	481
4	Neurogenesis in the striatum of the quinolinic acid lesion model of Huntington's disease. Neuroscience, 2004, 127, 319-332.	2.3	186
5	Co-ordinated and cellular specific induction of the components of the IGF/IGFBP axis in the rat brain following hypoxicâ€“ischemic injury. Molecular Brain Research, 1998, 59, 119-134.	2.3	184
6	Neuronal death and survival in two models of hypoxic-ischemic brain damage. Brain Research Reviews, 1999, 29, 137-168.	9.0	156
7	AAV-Mediated gene delivery of BDNF or GDNF is neuroprotective in a model of huntington disease. Molecular Therapy, 2004, 9, 682-688.	8.2	149
8	Bax expression in mammalian neurons undergoing apoptosis, and in Alzheimer's disease hippocampus. Brain Research, 1997, 750, 223-234.	2.2	145
9	Allopregnanolone regulates neurogenesis and depressive/anxiety-like behaviour in a social isolation rodent model of chronic stress. Neuropharmacology, 2012, 63, 1315-1326.	4.1	130
10	The distribution of progenitor cells in the subependymal layer of the lateral ventricle in the normal and Huntingtonâ€™s disease human brain. Neuroscience, 2005, 132, 777-788.	2.3	124
11	Differential effects of glial cell line-derived neurotrophic factor (GDNF) in the striatum and substantia nigra of the aged Parkinsonian rat. Gene Therapy, 1999, 6, 1936-1951.	4.5	122
12	Oxaliplatin causes selective atrophy of a subpopulation of dorsal root ganglion neurons without inducing cell loss. Cancer Chemotherapy and Pharmacology, 2005, 56, 391-399.	2.3	105
13	Trk receptor alterations in Alzheimer's disease. Molecular Brain Research, 1996, 42, 1-17.	2.3	101
14	Delivery of a GDNF Gene into the Substantia Nigra after a Progressive 6-OHDA Lesion Maintains Functional Nigrostriatal Connections. Experimental Neurology, 2000, 166, 1-15.	4.1	99
15	Transplanted adult neural progenitor cells survive, differentiate and reduce motor function impairment in a rodent model of Huntington's disease. Experimental Neurology, 2006, 199, 384-396.	4.1	98
16	AAV-mediated delivery of BDNF augments neurogenesis in the normal and quinolinic acid-lesioned adult rat brain. European Journal of Neuroscience, 2007, 25, 3513-3525.	2.6	97
17	Doublecortin expression in the normal and epileptic adult human brain. European Journal of Neuroscience, 2008, 28, 2254-2265.	2.6	94
18	The cellular composition and morphological organization of the rostral migratory stream in the adult human brain. Journal of Chemical Neuroanatomy, 2009, 37, 196-205.	2.1	89

#	Article	IF	Citations
19	Increased progenitor cell proliferation and astrogenesis in the partial progressive 6-hydroxydopamine model of Parkinsonâ€™s disease. Neuroscience, 2008, 151, 1142-1153.	2.3	85
20	Chemokines direct neural progenitor cell migration following striatal cell loss. Molecular and Cellular Neurosciences, 2009, 41, 219-232.	2.2	79
21	Glial Cell Line-Derived Neurotrophic Factor (GDNF) Gene Delivery Protects Dopaminergic Terminals from Degeneration. Experimental Neurology, 2001, 169, 83-95.	4.1	56
22	Creating a neurogenic environment: The role of BDNF and FGF2. Molecular and Cellular Neurosciences, 2007, 36, 108-120.	2.2	53
23	Treatment with the Antipsychotic Agent, Risperidone, Reduces Disease Severity in Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2014, 9, e104430.	2.5	51
24	Concise Review: The Use of Stem Cells for Understanding and Treating Huntington's Disease. Stem Cells, 2018, 36, 146-160.	3.2	49
25	Secreted amyloid precursor proteins promote proliferation and glial differentiation of adult hippocampal neural progenitor cells. Hippocampus, 2012, 22, 1517-1527.	1.9	48
26	Concise Review: The Involvement of SOX2 in Direct Reprogramming of Induced Neural Stem/Precursor Cells. Stem Cells Translational Medicine, 2013, 2, 579-583.	3.3	44
27	Stem cellâ€based therapy for Huntington's disease. Journal of Cellular Biochemistry, 2013, 114, 754-763.	2.6	43
28	Comparison of Transplant Efficiency between Spontaneously Derived and Noggin-Primed Human Embryonic Stem Cell Neural Precursors in the Quinolinic Acid Rat Model of Huntington's Disease. Cell Transplantation, 2010, 19, 1055-1062.	2.5	38
29	Gait Analysis for Early Detection of Motor Symptoms in the 6-OHDA Rat Model of Parkinson's Disease. Frontiers in Behavioral Neuroscience, 2018, 12, 39.	2.0	34
30	Oxaliplatin-Induced Loss of Phosphorylated Heavy Neurofilament Subunit Neuronal Immunoreactivity in Rat Drg Tissue. Molecular Pain, 2009, 5, 1744-8069-5-66.	2.1	27
31	Conversion of adult human fibroblasts into neural precursor cells using chemically modified mRNA. Heliyon, 2018, 4, e00918.	3.2	27
32	Neural Progenitor Cells Derived from the Adult Rat Subventricular Zone: Characterization and Transplantation. Cell Transplantation, 2007, 16, 799-810.	2.5	26
33	Understanding Parkinsonâ€™s Disease through the Use of Cell Reprogramming. Stem Cell Reviews and Reports, 2017, 13, 151-169.	5.6	26
34	Neurogenesis in the Diseased Adult Human Brain: New Therapeutic Strategies for Neurodegenerative Diseases. Cell Cycle, 2003, 2, 427-429.	2.6	23
35	Clozapine administration enhanced functional recovery after cuprizone demyelination. PLoS ONE, 2019, 14, e0216113.	2.5	21
36	Clozapine reduces infiltration into the CNS by targeting migration in experimental autoimmune encephalomyelitis. Journal of Neuroinflammation, 2020, 17, 53.	7.2	21

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37	Enhanced disease reduction using clozapine, an atypical antipsychotic agent, and glatiramer acetate combination therapy in experimental autoimmune encephalomyelitis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2017, 3, 205521731769872.	1.0	20
38	A benzodiazepine impairs the neurogenic and behavioural effects of fluoxetine in a rodent model of chronic stress. Neuropharmacology, 2013, 72, 20-28.	4.1	19
39	IGF-I redirects doublecortin-positive cell migration in the normal adult rat brain. Neuroscience, 2013, 241, 106-115.	2.3	19
40	Glial cell lineâ€derived neurotrophic factor (GDNF) as a defensive molecule for neurodegenerative disease: a tribute to the studies of Antonia Vernadakis on neuronalâ€“glial interactions. International Journal of Developmental Neuroscience, 2000, 18, 679-684.	1.6	18
41	Adenoviral Vector-Mediated Delivery Of Glial Cell Line-Derived Neurotrophic Factor Provides Neuroprotection In The Aged Parkinsonian Rat. Clinical and Experimental Pharmacology and Physiology, 2001, 28, 896-900.	1.9	17
42	Synaptic integration of newly generated neurons in rat dissociated hippocampal cultures. Molecular and Cellular Neurosciences, 2011, 47, 203-214.	2.2	17
43	Gene Transfer for Neuroprotection in Animal Models of Parkinson's Disease and Amyotrophic Lateral Sclerosis. Novartis Foundation Symposium, 2008, 231, 70-93.	1.1	16
44	Proneural transcription factors Dlx2 and Pax6 are altered in adult SVZ neural precursor cells following striatal cell loss. Molecular and Cellular Neurosciences, 2011, 47, 53-60.	2.2	15
45	Efficacy against subcutaneous or intracranial murine GL261 gliomas in relation to the concentration of the vascular-disrupting agent, 5,6-dimethylxanthenone-4-acetic acid (DMXAA), in the brain and plasma. Cancer Chemotherapy and Pharmacology, 2014, 73, 639-649.	2.3	14
46	Human Cortical Neuron Generation Using Cell Reprogramming: A Review of Recent Advances. Stem Cells and Development, 2018, 27, 1674-1692.	2.1	14
47	Differential fate and functional outcome of lithium chloride primed adult neural progenitor cell transplants in a rat model of Huntington disease. Stem Cell Research and Therapy, 2010, 1, 41.	5.5	12
48	Verification of functional AAV-mediated neurotrophic and anti-apoptotic factor expression. Journal of Neuroscience Methods, 2007, 161, 291-300.	2.5	11
49	Deviating from the well travelled path: Precursor cell migration in the pathological adult mammalian brain. Journal of Cellular Biochemistry, 2011, 112, 1467-1474.	2.6	11
50	Redirection of doublecortin-positive cell migration by over-expression of the chemokines MCP-1, MIP-1Î± and GRO-Î± in the adult rat brain. Neuroscience, 2014, 260, 240-248.	2.3	11
51	Amelioration of experimental autoimmune encephalomyelitis by clozapine is not associated with defective CD4 T cell responses. Journal of Neuroinflammation, 2017, 14, 68.	7.2	11
52	Rat brain sagittal organotypic slice cultures as an ex vivo dopamine cell loss system. Journal of Neuroscience Methods, 2017, 277, 83-87.	2.5	11
53	Directly Reprogrammed Huntington's Disease Neural Precursor Cells Generate Striatal Neurons Exhibiting Aggregates and Impaired Neuronal Maturation. Stem Cells, 2021, 39, 1410-1422.	3.2	10
54	In vitro priming to direct neuronal fate in adult neural progenitor cells. Experimental Neurology, 2009, 216, 520-524.	4.1	9

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55	Safety and acceptability of clozapine and risperidone in progressive multiple sclerosis: a phase I, randomised, blinded, placebo-controlled trial. BMJ Neurology Open, 2020, 2, e000060.	1.6	8
56	Localisation of clozapine during experimental autoimmune encephalomyelitis and its impact on dopamine and its receptors. Scientific Reports, 2021, 11, 2966.	3.3	8
57	Generation of dopamine neuronal-like cells from induced neural precursors derived from adult human cells by non-viral expression of lineage factors. Journal of Stem Cells and Regenerative Medicine, 2018, 14, 34-44.	2.2	8
58	l-NIO as a novel mechanism for inducing focal cerebral ischemia in the adult rat brain. Journal of Neuroscience Methods, 2015, 245, 44-57.	2.5	7
59	AAV-mediated expression of Bcl-xL or XIAP fails to induce neuronal resistance against quinolinic acid-induced striatal lesioning. Neuroscience Letters, 2008, 436, 326-330.	2.1	6
60	Cell Reprogramming to Model Huntingtonâ€™s Disease: A Comprehensive Review. Cells, 2021, 10, 1565.	4.1	5
61	Small Molecules Enhance Reprogramming of Adult Human Dermal Fibroblasts to Dorsal Forebrain Precursor Cells. Stem Cells and Development, 2022, 31, 78-89.	2.1	5
62	Endogenous Brain Repair: Overriding intrinsic lineage determinates through injury-induced micro-environmental signals. Neurogenesis (Austin, Tex), 2017, 4, e1297881.	1.5	4
63	Receptor for Advanced Glycation End Products (RAGE) is Expressed Predominantly in Medium Spiny Neurons of tgHD Rat Striatum. Neuroscience, 2018, 380, 146-151.	2.3	4
64	Cell Replacement Therapy for Huntingtonâ€™s Disease. Advances in Experimental Medicine and Biology, 2020, 1266, 57-69.	1.6	2
65	Intrinsic regulation of adult subventricular zone neural progenitor cells and the effect of brain injury. American Journal of Stem Cells, 2012, 1, 48-58.	0.4	2
66	Adult Neural Progenitor Cells and Cell Replacement Therapy for Huntington Disease. Pancreatic Islet Biology, 2011, , 299-314.	0.3	1
67	Adult neurogenesis and in vivo reprogramming: combining strategies for endogenous brain repair. Neural Regeneration Research, 2016, 11, 1748.	3.0	1
68	Neurogenesis in the Basal Ganglia in Huntingtonâ€™s Disease in the Human Brain and in an Animal Model. , 2005, , 425-433.		0