Gaynor A Smith

List of Publications by Year
in descending order

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27 papers	1,639 citations	516710 16 h-index	580821 25 g-index
27 all docs	27 docs citations	27 times ranked	2788 citing authors

#	Article	IF	Citations
1	Successful Function of Autologous iPSC-Derived Dopamine Neurons following Transplantation in a Non-Human Primate Model of Parkinsonâ€™s Disease. Cell Stem Cell, 2015, 16, 269-274.	11.1	271
2	Improved Cell Therapy Protocols for Parkinson's Disease Based on Differentiation Efficiency and Safety of hESC-, hiPSC-, and Non-Human Primate iPSC-Derived Dopaminergic Neurons. Stem Cells, 2013, 31, 1548-1562.	3.2	197
3	Progressive decline of glucocerebrosidase in aging and <scp>P</scp> arkinson's disease. Annals of Clinical and Translational Neurology, 2015, 2, 433-438.	3.7	165
4	Autophagic and endo-lysosomal dysfunction in neurodegenerative disease. Molecular Brain, 2019, 12, 100.	2.6	122
5	Glucocerebrosidase gene therapy prevents Î±-synucleinopathy of midbrain dopamine neurons. Neurobiology of Disease, 2015, 82, 495-503.	4.4	120
6	Sustained Systemic Glucocerebrosidase Inhibition Induces Brain Î±-Synuclein Aggregation, Microglia and Complement C1q Activation in Mice. Antioxidants and Redox Signaling, 2015, 23, 550-564.	5.4	118
7	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.	2.2	88
8	Progressive axonal transport and synaptic protein changes correlate with behavioral and neuropathological abnormalities in the heterozygous Q175 KI mouse model of Huntington's disease. Human Molecular Genetics, 2014, 23, 4510-4527.	2.9	82
9	Widespread neuron-specific transgene expression in brain and spinal cord following synapsin promoter-driven AAV9 neonatal intracerebroventricular injection. Neuroscience Letters, 2014, 576, 73-78.	2.1	74
10	Enhanced ubiquitin-dependent degradation by Nedd4 protects against Î±-synuclein accumulation and toxicity in animal models of Parkinson's disease. Neurobiology of Disease, 2014, 64, 79-87.	4.4	71
11	A Nurr1 Agonist Causes Neuroprotection in a Parkinsonâ€™s Disease Lesion Model Primed with the Toll-Like Receptor 3 dsRNA Inflammatory Stimulant Poly(I:C). PLoS ONE, 2015, 10, e0121072.	2.5	53
12	Unilateral nigrostriatal 6-hydroxydopamine lesions in mice II: Predicting l-DOPA-induced dyskinesia. Behavioural Brain Research, 2012, 226, 281-292.	2.2	51
13	Glutathione S-Transferase Regulates Mitochondrial Populations in Axons through Increased Glutathione Oxidation. Neuron, 2019, 103, 52-65.e6.	8.1	47
14	Using Drosophila models of Huntington's disease as a translatable tool. Journal of Neuroscience Methods, 2016, 265, 89-98.	2.5	29
15	Chronic Administration of Dimebon does not Ameliorate Amyloid-Î² Pathology in 5xFAD Transgenic Mice. Journal of Alzheimer's Disease, 2013, 36, 589-596.	2.6	26
16	The search for genetic mouse models of prodromal Parkinson's disease. Experimental Neurology, 2012, 237, 267-273.	4.1	24
17	Pharmacological modulation of amphetamine-induced dyskinesia in transplanted hemi-parkinsonian rats. Neuropharmacology, 2012, 63, 818-828.	4.1	16
18	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.	2.6	16

#	Article	IF	Citations
19	Genetic diversity of axon degenerative mechanisms in models of Parkinson's disease. Neurobiology of Disease, 2021, 155, 105368.	4.4	16
20	TSG101 negatively regulates mitochondrial biogenesis in axons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	15
21	ALS-associated peripherin spliced transcripts form distinct protein inclusions that are neuroprotective against oxidative stress. Experimental Neurology, 2014, 261, 217-229.	4.1	12
22	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.	4.1	12
23	Amphetamine-Induced Dyskinesia in the Transplanted Hemi-Parkinsonian Mouse. Journal of Parkinson's Disease, 2012, 2, 107-113.	2.8	9
24	Amphetamine-induced rotation in the transplanted hemi-parkinsonian rat â€“ Response to pharmacological modulation. Behavioural Brain Research, 2012, 232, 411-415.	2.2	3
25	Two cells are better than one: Optimizing stem cell survival by co-grafting â€œhelperâ€•cells that offer regulated trophic support. Experimental Neurology, 2013, 247, 751-754.	4.1	2
26	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.	2.8	0
27	A nod and a Wnk to axon branching and destruction. Neuron, 2021, 109, 2799-2802.	8.1	0