Gaynor A Smith

List of Publications by Year
in descending order

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27 papers	1,639 citations	516215 16 h-index	580395 25 g-index
27 all docs	27 docs citations	27 times ranked	2788 citing authors

#	Article	IF	Citations
1	TSG101 negatively regulates mitochondrial biogenesis in axons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
2	Genetic diversity of axon degenerative mechanisms in models of Parkinson's disease. Neurobiology of Disease, 2021, 155, 105368.	2.1	16
3	A nod and a Wnk to axon branching and destruction. Neuron, 2021, 109, 2799-2802.	3.8	0
4	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
5	Glutathione S-Transferase Regulates Mitochondrial Populations in Axons through Increased Glutathione Oxidation. Neuron, 2019, 103, 52-65.e6.	3.8	47
6	Autophagic and endo-lysosomal dysfunction in neurodegenerative disease. Molecular Brain, 2019, 12, 100.	1.3	122
7	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
8	Using Drosophila models of Huntington's disease as a translatable tool. Journal of Neuroscience Methods, 2016, 265, 89-98.	1.3	29
9	Progressive decline of glucocerebrosidase in aging and <scp>P</scp> arkinson's disease. Annals of Clinical and Translational Neurology, 2015, 2, 433-438.	1.7	165
10	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.	5.2	271
11	Sustained Systemic Glucocerebrosidase Inhibition Induces Brain Î±-Synuclein Aggregation, Microglia and Complement C1q Activation in Mice. Antioxidants and Redox Signaling, 2015, 23, 550-564.	2.5	118
12	Glucocerebrosidase gene therapy prevents Î±-synucleinopathy of midbrain dopamine neurons. Neurobiology of Disease, 2015, 82, 495-503.	2.1	120
13	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.	1.1	53
14	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.	2.1	71
15	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.	1.4	82
16	ALS-associated peripherin spliced transcripts form distinct protein inclusions that are neuroprotective against oxidative stress. Experimental Neurology, 2014, 261, 217-229.	2.0	12
17	Widespread neuron-specific transgene expression in brain and spinal cord following synapsin promoter-driven AAV9 neonatal intracerebroventricular injection. Neuroscience Letters, 2014, 576, 73-78.	1.0	74
18	Chronic Administration of Dimebon does not Ameliorate Amyloid-Î² Pathology in 5xFAD Transgenic Mice. Journal of Alzheimer's Disease, 2013, 36, 589-596.	1.2	26

#	Article	IF	Citations
19	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.	2.0	2
20	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
21	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.	1.4	197
22	Amphetamine-Induced Dyskinesia in the Transplanted Hemi-Parkinsonian Mouse. Journal of Parkinson's Disease, 2012, 2, 107-113.	1.5	9
23	Amphetamine-induced rotation in the transplanted hemi-parkinsonian rat â€“ Response to pharmacological modulation. Behavioural Brain Research, 2012, 232, 411-415.	1.2	3
24	The search for genetic mouse models of prodromal Parkinson's disease. Experimental Neurology, 2012, 237, 267-273.	2.0	24
25	Unilateral nigrostriatal 6-hydroxydopamine lesions in mice II: Predicting l-DOPA-induced dyskinesia. Behavioural Brain Research, 2012, 226, 281-292.	1.2	51
26	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
27	Pharmacological modulation of amphetamine-induced dyskinesia in transplanted hemi-parkinsonian rats. Neuropharmacology, 2012, 63, 818-828.	2.0	16