# Gaynor A Smith

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9256010/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 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 | 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 |
| 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. | 1.4 | 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. | 1.7 | 165 |
| 4 | Autophagic and endo-lysosomal dysfunction in neurodegenerative disease. Molecular Brain, 2019, 12, 100. | 1.3 | 122 |
| 5 | Glucocerebrosidase gene therapy prevents Î±-synucleinopathy of midbrain dopamine neurons. Neurobiology of Disease, 2015, 82, 495-503. | 2.1 | 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. | 2.5 | 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. | 1.2 | 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. | 1.4 | 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. | 1.0 | 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. | 2.1 | 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. | 1.1 | 53 |
| 12 | Unilateral nigrostriatal 6-hydroxydopamine lesions in mice II: Predicting l-DOPA-induced dyskinesia. Behavioural Brain Research, 2012, 226, 281-292. | 1.2 | 51 |
| 13 | Glutathione S-Transferase Regulates Mitochondrial Populations in Axons through Increased Glutathione Oxidation. Neuron, 2019, 103, 52-65.e6. | 3.8 | 47 |
| 14 | Using Drosophila models of Huntington's disease as a translatable tool. Journal of Neuroscience Methods, 2016, 265, 89-98. | 1.3 | 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. | 1.2 | 26 |
| 16 | The search for genetic mouse models of prodromal Parkinson's disease. Experimental Neurology, 2012, 237, 267-273. | 2.0 | 24 |
| 17 | Pharmacological modulation of amphetamine-induced dyskinesia in transplanted hemi-parkinsonian rats. Neuropharmacology, 2012, 63, 818-828. | 2.0 | 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. | 1.2 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Genetic diversity of axon degenerative mechanisms in models of Parkinson's disease. Neurobiology of Disease, 2021, 155, 105368. | 2.1 | 16 |
| 20 | 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 |
| 21 | ALS-associated peripherin spliced transcripts form distinct protein inclusions that are neuroprotective against oxidative stress. Experimental Neurology, 2014, 261, 217-229. | 2.0 | 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. | 2.0 | 12 |
| 23 | Amphetamine-Induced Dyskinesia in the Transplanted Hemi-Parkinsonian Mouse. Journal of Parkinson's Disease, 2012, 2, 107-113. | 1.5 | 9 |
| 24 | Amphetamine-induced rotation in the transplanted hemi-parkinsonian rat â€“ Response to pharmacological modulation. Behavioural Brain Research, 2012, 232, 411-415. | 1.2 | 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. | 2.0 | 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. | 1.4 | 0 |
| 27 | A nod and a Wnk to axon branching and destruction. Neuron, 2021, 109, 2799-2802. | 3.8 | 0 |