

Ivette M Sandoval

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,135
citations

623188

14
h-index

752256

20
g-index

20
all docs

20
docs citations

20
times ranked

1632
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The BDNF Val66Met polymorphism (rs6265) enhances dopamine neuron graft efficacy and side-effect liability in rs6265 knock-in rats. <i>Neurobiology of Disease</i> , 2021, 148, 105-175. | 2.1 | 13 |
| 2 | Netrin-1 receptor UNC5C cleavage by active $\hat{\Gamma}$ -secretase enhances neurodegeneration, promoting Alzheimer's disease pathologies. <i>Science Advances</i> , 2021, 7, . | 4.7 | 22 |
| 3 | Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates $\hat{\Gamma}$ -Secretase by Upregulating C/EBP $\hat{\Gamma}$ 2 in Alzheimer's Disease. <i>Cell Reports</i> , 2019, 28, 655-669.e5. | 2.9 | 129 |
| 4 | Design and Assembly of CRISPR/Cas9 Lentiviral and rAAV Vectors for Targeted Genome Editing. <i>Methods in Molecular Biology</i> , 2019, 1937, 29-45. | 0.4 | 4 |
| 5 | Multimodal Production of Adeno-Associated Virus. <i>Methods in Molecular Biology</i> , 2019, 1937, 101-124. | 0.4 | 16 |
| 6 | Basic Concepts in Viral Vector-Mediated Gene Therapy. <i>Methods in Molecular Biology</i> , 2019, 1937, 3-26. | 0.4 | 6 |
| 7 | Neonatal Nicotine Exposure Primes Midbrain Neurons to a Dopaminergic Phenotype and Increases Adult Drug Consumption. <i>Biological Psychiatry</i> , 2019, 86, 344-355. | 0.7 | 31 |
| 8 | Genetic silencing of striatal CaV1.3 prevents and ameliorates levodopa dyskinesia. <i>Movement Disorders</i> , 2019, 34, 697-707. | 2.2 | 19 |
| 9 | Delta-secretase-cleaved Tau antagonizes TrkB neurotrophic signalings, mediating Alzheimer's disease pathologies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9094-9102. | 3.3 | 42 |
| 10 | Regulation of dopamine neurotransmission from serotonergic neurons by ectopic expression of the dopamine D2 autoreceptor blocks levodopa-induced dyskinesia. <i>Acta Neuropathologica Communications</i> , 2019, 7, 8. | 2.4 | 50 |
| 11 | Induction of alpha-synuclein pathology in the enteric nervous system of the rat and non-human primate results in gastrointestinal dysmotility and transient CNS pathology. <i>Neurobiology of Disease</i> , 2018, 112, 106-118. | 2.1 | 127 |
| 12 | C/EBP $\hat{\Gamma}$ 2 regulates delta-secretase expression and mediates pathogenesis in mouse models of Alzheimer's disease. <i>Nature Communications</i> , 2018, 9, 1784. | 5.8 | 91 |
| 13 | $\hat{\Gamma}$ -Synuclein stimulation of monoamine oxidase-B and legumain protease mediates the pathology of Parkinson's disease. <i>EMBO Journal</i> , 2018, 37, . | 3.5 | 73 |
| 14 | Silencing Alpha Synuclein in Mature Nigral Neurons Results in Rapid Neuroinflammation and Subsequent Toxicity. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 36. | 1.4 | 75 |
| 15 | BDNF inhibits neurodegenerative disease-associated asparaginyl endopeptidase activity via phosphorylation by AKT. <i>JCI Insight</i> , 2018, 3, . | 2.3 | 37 |
| 16 | Delta-Secretase Phosphorylation by SRPK2 Enhances Its Enzymatic Activity, Provoking Pathogenesis in Alzheimer's Disease. <i>Molecular Cell</i> , 2017, 67, 812-825.e5. | 4.5 | 54 |
| 17 | Impact of age and vector construct on striatal and nigral transgene expression. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16082. | 1.8 | 21 |
| 18 | Continuous Collection of Adeno-Associated Virus from Producer Cell Medium Significantly Increases Total Viral Yield. <i>Human Gene Therapy Methods</i> , 2016, 27, 32-45. | 2.1 | 39 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Intrastriatal injection of pre-formed mouse α -synuclein fibrils into rats triggers α -synuclein pathology and bilateral nigrostriatal degeneration. <i>Neurobiology of Disease</i> , 2015, 82, 185-199. | 2.1 | 285 |