

Susan L Campbell

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,793
citations

471509

17
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

4346
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dnmt1 and Dnmt3a maintain DNA methylation and regulate synaptic function in adult forebrain neurons. <i>Nature Neuroscience</i> , 2010, 13, 423-430. | 14.8 | 892 |
| 2 | Glutamate release by primary brain tumors induces epileptic activity. <i>Nature Medicine</i> , 2011, 17, 1269-1274. | 30.7 | 405 |
| 3 | DNA methylation and histone acetylation work in concert to regulate memory formation and synaptic plasticity. <i>Neurobiology of Learning and Memory</i> , 2008, 89, 599-603. | 1.9 | 380 |
| 4 | Reactive Astroglia Causes the Development of Spontaneous Seizures. <i>Journal of Neuroscience</i> , 2015, 35, 3330-3345. | 3.6 | 224 |
| 5 | SLC7A11 expression is associated with seizures and predicts poor survival in patients with malignant glioma. <i>Science Translational Medicine</i> , 2015, 7, 289ra86. | 12.4 | 207 |
| 6 | Perineuronal nets decrease membrane capacitance of peritumoral fast spiking interneurons in a model of epilepsy. <i>Nature Communications</i> , 2018, 9, 4724. | 12.8 | 129 |
| 7 | GABAergic disinhibition and impaired KCC2 cotransporter activity underlie tumor-associated epilepsy. <i>Glia</i> , 2015, 63, 23-36. | 4.9 | 117 |
| 8 | Human glioma cells induce hyperexcitability in cortical networks. <i>Epilepsia</i> , 2012, 53, 1360-1370. | 5.1 | 95 |
| 9 | HDAC activity is required for BDNF to increase quantal neurotransmitter release and dendritic spine density in CA1 pyramidal neurons. <i>Hippocampus</i> , 2012, 22, 1493-1500. | 1.9 | 58 |
| 10 | Decreased glutamate transport enhances excitability in a rat model of cortical dysplasia. <i>Neurobiology of Disease</i> , 2008, 32, 254-261. | 4.4 | 48 |
| 11 | Pre- and postsynaptic effects of kainate on layer II/III pyramidal cells in rat neocortex. <i>Neuropharmacology</i> , 2007, 53, 37-47. | 4.1 | 37 |
| 12 | Increased c-fos expression in the central nucleus of the amygdala and enhancement of cued fear memory in Dyt1 ^{flGAG} knock-in mice. <i>Neuroscience Research</i> , 2009, 65, 228-235. | 1.9 | 32 |
| 13 | Functional changes in glutamate transporters and astrocyte biophysical properties in a rodent model of focal cortical dysplasia. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 425. | 3.7 | 31 |
| 14 | Hippocampal phenotypes in kalirin-deficient mice. <i>Molecular and Cellular Neurosciences</i> , 2011, 46, 45-54. | 2.2 | 30 |
| 15 | Altered phosphorylation, electrophysiology, and behavior on attenuation of PDE4B action in hippocampus. <i>BMC Neuroscience</i> , 2017, 18, 77. | 1.9 | 25 |
| 16 | Behavioral and Electrophysiological Characterization of Dyt1 Heterozygous Knockout Mice. <i>PLoS ONE</i> , 2015, 10, e0120916. | 2.5 | 21 |
| 17 | Pre-Synaptic Release Deficits in a DYT1 Dystonia Mouse Model. <i>PLoS ONE</i> , 2013, 8, e72491. | 2.5 | 20 |
| 18 | Sulfasalazine decreases mouse cortical hyperexcitability. <i>Epilepsia</i> , 2019, 60, 1365-1377. | 5.1 | 14 |

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|----|--|-----|-----------|
| 19 | Gut metabolite Sâ€œequol ameliorates hyperexcitability in entorhinal cortex neurons following Theiler murine encephalomyelitis virusâ€œinduced acute seizures. <i>Epilepsia</i> , 2021, 62, 1829-1841. | 5.1 | 11 |
| 20 | Na ⁺ /H ⁺ Exchanger 1, a Potential Therapeutic Drug Target for Cardiac Hypertrophy and Heart Failure. <i>Pharmaceuticals</i> , 2022, 15, 875. | 3.8 | 7 |
| 21 | Sulfasalazine decreases astrogliosisâ€œmediated seizure burden. <i>Epilepsia</i> , 2022, 63, 844-854. | 5.1 | 5 |
| 22 | Gliomaâ€œinduced peritumoral hyperexcitability in a pediatric glioma model. <i>Physiological Reports</i> , 2020, 8, e14567. | 1.7 | 4 |
| 23 | A Gut Feeling about Seizures. <i>Epilepsy Currents</i> , 2018, 18, 389-390. | 0.8 | 1 |