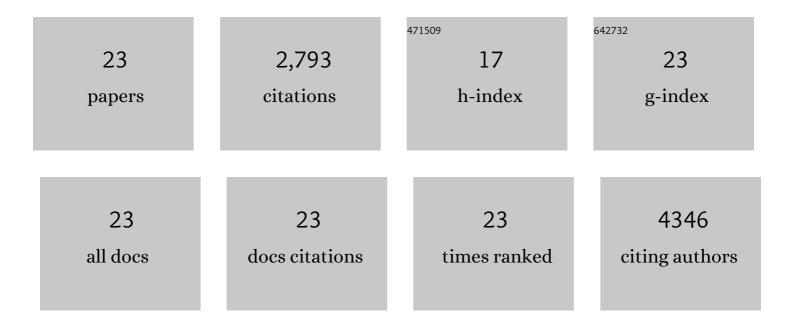
## Susan L Campbell

List of Publications by Year in descending order

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SUSAN L CAMPBELL

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

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