

Susan G Walling

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Locus Ceruleus Activation Initiates Delayed Synaptic Potentiation of Perforant Path Input to the Dentate Gyrus in Awake Rats: A Novel β -Adrenergic- and Protein Synthesis-Dependent Mammalian Plasticity Mechanism. <i>Journal of Neuroscience</i> , 2004, 24, 598-604.	3.6	102
2	Locus Ceruleus Activation Suppresses Feedforward Interneurons and Reduces β - β Electroencephalogram Frequencies While It Enhances β Frequencies in Rat Dentate Gyrus. <i>Journal of Neuroscience</i> , 2005, 25, 1985-1991.	3.6	102
3	Orexin-A Infusion in the Locus Ceruleus Triggers Norepinephrine (NE) Release and NE-Induced Long-Term Potentiation in the Dentate Gyrus. <i>Journal of Neuroscience</i> , 2004, 24, 7421-7426.	3.6	96
4	Selective tuning of hippocampal oscillations by phasic locus coeruleus activation in awake male rats. <i>Hippocampus</i> , 2011, 21, 1250-1262.	1.9	42
5	An experimental model of Braak's pretangle proposal for the origin of Alzheimer's disease: the role of locus coeruleus in early symptom development. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 59.	6.2	37
6	Locus Coeruleus Phasic, But Not Tonic, Activation Initiates Global Remapping in a Familiar Environment. <i>Journal of Neuroscience</i> , 2019, 39, 445-455.	3.6	36
7	β -Adrenergic blockade in the dentate gyrus in vivo prevents high frequency-induced long-term potentiation of EPSP slope, but not long-term potentiation of population spike amplitude. <i>Hippocampus</i> , 2001, 11, 322-328.	1.9	26
8	Locus Coeruleus Optogenetic Light Activation Induces Long-Term Potentiation of Perforant Path Population Spike Amplitude in Rat Dentate Gyrus. <i>Frontiers in Systems Neuroscience</i> , 2018, 12, 67.	2.5	24
9	Selective wheat germ agglutinin (WGA) uptake in the hippocampus from the locus coeruleus of dopamine- β -hydroxylase-WGA transgenic mice. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 23.	2.0	22
10	Modulation of the perforant path-evoked potential in dentate gyrus as a function of intrahippocampal β^2 β -adrenoceptor agonist concentration in urethane-anesthetized rat. <i>Brain and Behavior</i> , 2014, 4, 95-103.	2.2	12
11	The β -a, b's of pretangle tau and their relation to aging and the risk of Alzheimer's Disease. <i>Seminars in Cell and Developmental Biology</i> , 2021, 116, 125-134.	5.0	12
12	Glycogen phosphorylase reactivity in the entorhinal complex in familiar and novel environments: Evidence for labile glycogenolytic modules in the rat. <i>Journal of Chemical Neuroanatomy</i> , 2006, 31, 108-113.	2.1	9
13	Acute and chronic changes in glycogen phosphorylase in hippocampus and entorhinal cortex after status epilepticus in the adult male rat. <i>European Journal of Neuroscience</i> , 2007, 26, 178-189.	2.6	9
14	The effects of prolonged administration of norepinephrine reuptake inhibitors on long-term potentiation in dentate gyrus, and on tests of spatial and object recognition memory in rats. <i>Neurobiology of Learning and Memory</i> , 2016, 128, 92-102.	1.9	5