

# Eric W Buss

## List of Publications by Year in descending order

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12  
papers

415  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential expression of HCN subunits alters voltage-dependent gating of <i>h</i> -channels in CA1 pyramidal neurons from dorsal and ventral hippocampus. <i>Journal of Neurophysiology</i> , 2013, 109, 1940-1953.	1.8	92
2	Ageing-Related Hyperexcitability in CA3 Pyramidal Neurons Is Mediated by Enhanced A-Type $K^{sup}+$ Channel Function and Expression. <i>Journal of Neuroscience</i> , 2015, 35, 13206-13218.	3.6	85
3	Evidence for Alzheimer's disease-linked synapse loss and compensation in mouse and human hippocampal CA1 pyramidal neurons. <i>Brain Structure and Function</i> , 2015, 220, 3143-3165.	2.3	83
4	The Dendrites of CA2 and CA1 Pyramidal Neurons Differentially Regulate Information Flow in the Cortico-Hippocampal Circuit. <i>Journal of Neuroscience</i> , 2017, 37, 3276-3293.	3.6	54
5	Cognitive aging is associated with redistribution of synaptic weights in the hippocampus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	22
6	Categorization of photographic images by rats using shape-based image dimensions.. <i>Journal of Experimental Psychology</i> , 2013, 39, 85-92.	1.7	21
7	Enkephalin release from VIP interneurons in the hippocampal CA2/3a region mediates heterosynaptic plasticity and social memory. <i>Molecular Psychiatry</i> , 2022, 27, 2879-2900.	7.9	20
8	Store depletion-induced h-channel plasticity rescues a channelopathy linked to Alzheimer's disease. <i>Neurobiology of Learning and Memory</i> , 2018, 154, 141-157.	1.9	17
9	Inactivation of the ventral lateral geniculate and nucleus of the optic tract impairs retention of visual eyeblink conditioning.. <i>Behavioral Neuroscience</i> , 2013, 127, 690-693.	1.2	10
10	Frequency-Dependent Synaptic Dynamics Differentially Tune CA1 and CA2 Pyramidal Neuron Responses to Cortical Input. <i>Journal of Neuroscience</i> , 2021, 41, 8103-8110.	3.6	7
11	Cross-modal savings in the contralateral eyelid conditioned response.. <i>Behavioral Neuroscience</i> , 2015, 129, 683-691.	1.2	2
12	Non-Neuronal Cells Exacerbate $\beta$ -Amyloid Aggregation in the Aged Brain. <i>Journal of Neuroscience</i> , 2014, 34, 9825-9827.	3.6	1