

# Mackenzie E Hofmann

## List of Publications by Year in descending order

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15  
papers

326  
citations

840776

11  
h-index

1125743

13  
g-index

15  
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15  
docs citations

15  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Marijuana, endocannabinoids, and epilepsy: Potential and challenges for improved therapeutic intervention. <i>Experimental Neurology</i> , 2013, 244, 43-50.	4.1	62
2	Cannabinoid 1 and Transient Receptor Potential Vanilloid 1 Receptors Discretely Modulate Evoked Glutamate Separately from Spontaneous Glutamate Transmission. <i>Journal of Neuroscience</i> , 2014, 34, 8324-8332.	3.6	54
3	The unsilent majority—TRPV1 drives “spontaneous” transmission of unmyelinated primary afferents within cardiorespiratory NTS. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1207-R1216.	1.8	37
4	Excitatory afferents to CA3 pyramidal cells display differential sensitivity to CB1 dependent inhibition of synaptic transmission. <i>Neuropharmacology</i> , 2008, 55, 1140-1146.	4.1	24
5	Endocannabinoid-Mediated Depolarization-Induced Suppression of Inhibition in Hilar Mossy Cells of the Rat Dentate Gyrus. <i>Journal of Neurophysiology</i> , 2006, 96, 2501-2512.	1.8	23
6	Cannabinoid receptor agonists potentiate action potential-independent release of GABA in the dentate gyrus through a CB1 receptor-independent mechanism. <i>Journal of Physiology</i> , 2011, 589, 3801-3821.	2.9	23
7	Distinct Calcium Sources Support Multiple Modes of Synaptic Release from Cranial Sensory Afferents. <i>Journal of Neuroscience</i> , 2016, 36, 8957-8966.	3.6	23
8	Peptide and Lipid Modulation of Glutamatergic Afferent Synaptic Transmission in the Solitary Tract Nucleus. <i>Frontiers in Neuroscience</i> , 2012, 6, 191.	2.8	21
9	Muscarinic receptor activation modulates the excitability of hilar mossy cells through the induction of an afterdepolarization. <i>Brain Research</i> , 2010, 1318, 42-51.	2.2	17
10	Vanilloids selectively sensitize thermal glutamate release from TRPV1 expressing solitary tract afferents. <i>Neuropharmacology</i> , 2016, 101, 401-411.	4.1	17
11	External QX-314 inhibits evoked cranial primary afferent synaptic transmission independent of TRPV1. <i>Journal of Neurophysiology</i> , 2014, 112, 2697-2706.	1.8	14
12	Temperature Differentially Facilitates Spontaneous but Not Evoked Glutamate Release from Cranial Visceral Primary Afferents. <i>PLoS ONE</i> , 2015, 10, e0127764.	2.5	9
13	Dynasore blocks evoked release while augmenting spontaneous synaptic transmission from primary visceral afferents. <i>PLoS ONE</i> , 2017, 12, e0174915.	2.5	2
14	Prolonged TRPV1 activation increases frequency and amplitudes of glutamatergic events in NTS neurons. <i>FASEB Journal</i> , 2012, 26, 701.6.	0.5	0
15	Lack of interaction of co-existing TRPV1 and CB1 receptors indicates differential control of separate basal and synchronous glutamate release mechanisms in the solitary tract nucleus. <i>FASEB Journal</i> , 2013, 27, 1118.17.	0.5	0