

# Jenni Harvey

## List of Publications by Year in descending order

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57  
papers

3,979  
citations

136740

32  
h-index

182168

51  
g-index

58  
all docs

58  
docs citations

58  
times ranked

4047  
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin regulation of synaptic function at hippocampal TA-CA1 and SC-CA1 synapses. <i>Vitamins and Hormones</i> , 2022, 118, 315-336.	0.7	1
2	Leptin regulation of hippocampal synaptic function in health and disease. <i>Vitamins and Hormones</i> , 2021, 115, 105-127.	0.7	7
3	Regulation of hippocampal synaptic function by the metabolic hormone leptin: Implications for health and disease. <i>Progress in Lipid Research</i> , 2021, 82, 101098.	5.3	17
4	The Neuronal Actions of Leptin and the Implications for Treating Alzheimer's Disease. <i>Pharmaceuticals</i> , 2021, 14, 52.	1.7	18
5	Activation of oestrogen receptor $\alpha$ induces a novel form of LTP at hippocampal temporoammonic-CA1 synapses. <i>British Journal of Pharmacology</i> , 2020, 177, 642-655.	2.7	17
6	Brain energy rescue: an emerging therapeutic concept for neurodegenerative disorders of ageing. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 609-633.	21.5	441
7	Leptin Regulation of Synaptic Function at Hippocampal TA-CA1 and SC-CA1 Synapses: Implications for Health and Disease. <i>Neurochemical Research</i> , 2019, 44, 650-660.	1.6	32
8	Food for thought: Leptin regulation of hippocampal function and its role in Alzheimer's disease. <i>Neuropharmacology</i> , 2018, 136, 298-306.	2.0	26
9	Regulation of Hippocampal Synaptic Function by the Metabolic Hormone, Leptin: Implications for Health and Neurodegenerative Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 340.	1.8	48
10	Age-dependent regulation of excitatory synaptic transmission at hippocampal temporoammonic-CA1 synapses by leptin. <i>Neurobiology of Aging</i> , 2018, 69, 76-93.	1.5	20
11	Emerging roles for the novel estrogen-sensing receptor GPER1 in the CNS. <i>Neuropharmacology</i> , 2017, 113, 652-660.	2.0	70
12	Canonical JAK-STAT signaling is pivotal for long-term depression at adult hippocampal temporoammonic-CA1 synapses. <i>FASEB Journal</i> , 2017, 31, 3449-3466.	0.2	31
13	Cannabinoid Receptor-Related Orphan G Protein-Coupled Receptors. <i>Advances in Pharmacology</i> , 2017, 80, 223-247.	1.2	58
14	A Leptin Fragment Mirrors the Cognitive Enhancing and Neuroprotective Actions of Leptin. <i>Cerebral Cortex</i> , 2017, 27, 4769-4782.	1.6	29
15	Leptin and Alzheimer's Disease. , 2015, , 457-467.		1
16	Minireview: Food for Thought: Regulation of Synaptic Function by Metabolic Hormones. <i>Molecular Endocrinology</i> , 2015, 29, 3-13.	3.7	25
17	Leptin Induces a Novel Form of NMDA Receptor-Dependent LTP at Hippocampal Temporoammonic-CA1 Synapses. <i>ENeuro</i> , 2015, 2, ENEURO.0007-15.2015.	0.9	34
18	Honeybee Kenyon cells are regulated by a tonic GABA receptor conductance. <i>Journal of Neurophysiology</i> , 2014, 112, 2026-2035.	0.9	12

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19	Leptin regulation of hippocampal synaptic function in health and disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130155.	1.8	98
20	Leptin prevents hippocampal synaptic disruption and neuronal cell death induced by amyloid $\beta$ . <i>Neurobiology of Aging</i> , 2013, 34, 226-237.	1.5	98
21	Cholinergic pesticides cause mushroom body neuronal inactivation in honeybees. <i>Nature Communications</i> , 2013, 4, 1634.	5.8	215
22	Leptin regulation of neuronal morphology and hippocampal synaptic function. <i>Frontiers in Synaptic Neuroscience</i> , 2013, 5, 3.	1.3	41
23	PTEN: a new player controlling structural and functional synaptic plasticity. <i>Journal of Physiology</i> , 2012, 590, 1017-1017.	1.3	9
24	Leptin: A Novel Therapeutic Target in Alzheimer's Disease?. <i>International Journal of Alzheimer's Disease</i> , 2012, 2012, 1-7.	1.1	34
25	NMDA receptor subunit composition determines the polarity of leptin-induced synaptic plasticity. <i>Neuropharmacology</i> , 2011, 61, 924-936.	2.0	54
26	Leptin and the CNS. , 2011, , 271-287.		0
27	Leptin Regulates AMPA Receptor Trafficking via PTEN Inhibition. <i>Journal of Neuroscience</i> , 2010, 30, 4088-4101.	1.7	104
28	Leptin: The Missing Link in Alzheimer Disease?. <i>Clinical Chemistry</i> , 2010, 56, 696-697.	1.5	26
29	Leptin reverses long-term potentiation at hippocampal CA1 synapses. <i>Journal of Neurochemistry</i> , 2009, 108, 685-696.	2.1	58
30	Bi-directional modulation of fast inhibitory synaptic transmission by leptin. <i>Journal of Neurochemistry</i> , 2009, 108, 190-201.	2.1	25
31	Regulation of glutamate receptor trafficking by leptin. <i>Biochemical Society Transactions</i> , 2009, 37, 1364-1368.	1.6	24
32	Neurotrophic effects of leptin on cerebellar Purkinje but not granule neurons in vitro. <i>Neuroscience Letters</i> , 2008, 438, 17-21.	1.0	30
33	Letter from the Guest Editor. <i>Cell Adhesion and Migration</i> , 2008, 2, 268-268.	1.1	0
34	Hormonal regulation of hippocampal dendritic morphology and synaptic plasticity. <i>Cell Adhesion and Migration</i> , 2008, 2, 269-275.	1.1	57
35	Leptin regulation of neuronal excitability and cognitive function. <i>Current Opinion in Pharmacology</i> , 2007, 7, 643-647.	1.7	156
36	Leptin promotes rapid dynamic changes in hippocampal dendritic morphology. <i>Molecular and Cellular Neurosciences</i> , 2007, 35, 559-572.	1.0	152

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37	Mitochondrial Dysfunction and Dendritic Beading during Neuronal Toxicity. <i>Journal of Biological Chemistry</i> , 2007, 282, 26235-26244.	1.6	98
38	MAPK-dependent actin cytoskeletal reorganization underlies BK channel activation by insulin. <i>European Journal of Neuroscience</i> , 2007, 25, 673-682.	1.2	35
39	Leptin: a diverse regulator of neuronal function. <i>Journal of Neurochemistry</i> , 2007, 100, 307-313.	2.1	111
40	Leptin and its role in hippocampal synaptic plasticity. <i>Progress in Lipid Research</i> , 2006, 45, 369-378.	5.3	172
41	Leptin induces a novel form of NMDA receptor-dependent long-term depression. <i>Journal of Neurochemistry</i> , 2005, 95, 396-405.	2.1	91
42	Leptin-induced dynamic changes in the actin cytoskeleton mediate the activation and synaptic clustering of BK channels. <i>FASEB Journal</i> , 2005, 19, 1917-1919.	0.2	61
43	Leptin: a potential cognitive enhancer?. <i>Biochemical Society Transactions</i> , 2005, 33, 1029.	1.6	132
44	Insulin Activates Native and Recombinant Large Conductance Ca <sup>2+</sup> -Activated Potassium Channels via a Mitogen-Activated Protein Kinase-Dependent Process. <i>Molecular Pharmacology</i> , 2004, 65, 1352-1363.	1.0	30
45	The aminoguanidine carboxylate BVT.12777 activates ATP-sensitive K <sup>+</sup> channels in the rat insulinoma cell line, CRI-G1. <i>BMC Pharmacology</i> , 2004, 4, 17.	0.4	3
46	Leptin: A Multifaceted Hormone in the Central Nervous System. <i>Molecular Neurobiology</i> , 2003, 28, 245-258.	1.9	44
47	Leptin in the CNS: much more than a satiety signal. <i>Neuropharmacology</i> , 2003, 44, 845-854.	2.0	116
48	Insulin inhibits rat hippocampal neurones via activation of ATP-sensitive K <sup>+</sup> and large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels. <i>Neuropharmacology</i> , 2003, 44, 855-863.	2.0	57
49	Novel actions of leptin in the hippocampus. <i>Annals of Medicine</i> , 2003, 35, 197-206.	1.5	32
50	Leptin inhibits epileptiform-like activity in rat hippocampal neurones via PI 3-kinase-driven activation of BK channels. <i>Journal of Physiology</i> , 2002, 545, 933-944.	1.3	167
51	Leptin inhibits rat hippocampal neurons via activation of large conductance calcium-activated K <sup>+</sup> channels. <i>Nature Neuroscience</i> , 2002, 5, 299-300.	7.1	83
52	Leptin Enhances NMDA Receptor Function and Modulates Hippocampal Synaptic Plasticity. <i>Journal of Neuroscience</i> , 2001, 21, RC186-RC186.	1.7	339
53	NMDA receptor dependence of mGlu <sup>1</sup> -mediated depression of synaptic transmission in the CA1 region of the rat hippocampus. <i>British Journal of Pharmacology</i> , 1996, 119, 1239-1247.	2.7	25
54	Activation of group I mGluRs potentiates NMDA responses in rat hippocampal slices. <i>Neuroscience Letters</i> , 1996, 203, 211-213.	1.0	177

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55	Signal transduction pathways involved in the acute potentiation of NMDA responses by 1,3-bis(4-aminophenyl)propane in rat hippocampal slices. British Journal of Pharmacology, 1993, 109, 1085-1090.	2.7	132
56	Convergence of leptin and insulin signaling networks in obesity. , 0, , 127-163.		0
57	Food for Thought: Leptin and Hippocampal Synaptic Function. Frontiers in Pharmacology, 0, 13, .	1.6	6