

# Wendy L Imlach

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28  
papers

1,407  
citations

19  
h-index

30  
g-index

30  
ext. papers

1,713  
ext. citations

13.1  
avg, IF

4.2  
L-index

#	Paper	IF	Citations
28	Positive allosteric mechanisms of adenosine A receptor-mediated analgesia. <i>Nature</i> , <b>2021</b> , 597, 571-576	50.4	12
27	Neuron-specific responses to acetylcholine within the spinal dorsal horn circuits of rodent and primate. <i>Neuropharmacology</i> , <b>2021</b> , 198, 108755	5.5	0
26	Pathological Mechanisms and Therapeutic Targets for Trigeminal Neuropathic Pain. <i>Medicines (Basel, Switzerland)</i> , <b>2019</b> , 6,	4.1	23
25	A pH-responsive nanoparticle targets the neurokinin 1 receptor in endosomes to prevent chronic pain. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 1150-1159	28.7	60
24	Activity of novel lipid glycine transporter inhibitors on synaptic signalling in the dorsal horn of the spinal cord. <i>British Journal of Pharmacology</i> , <b>2018</b> , 175, 2337-2347	8.6	7
23	Pharmacological characterisation of the highly Na <sup>1.7</sup> selective spider venom peptide Pn3a. <i>Scientific Reports</i> , <b>2017</b> , 7, 40883	4.9	90
22	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	91
21	New approaches to target glycinergic neurotransmission for the treatment of chronic pain. <i>Pharmacological Research</i> , <b>2017</b> , 116, 93-99	10.2	16
20	Endosomal signaling of the receptor for calcitonin gene-related peptide mediates pain transmission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 12309-12314	11.5	83
19	Glycinergic dysfunction in a subpopulation of dorsal horn interneurons in a rat model of neuropathic pain. <i>Scientific Reports</i> , <b>2016</b> , 6, 37104	4.9	36
18	A Positive Allosteric Modulator of the Adenosine A1 Receptor Selectively Inhibits Primary Afferent Synaptic Transmission in a Neuropathic Pain Model. <i>Molecular Pharmacology</i> , <b>2015</b> , 88, 460-8	4.3	29
17	Glycine transport inhibitors for the treatment of pain. <i>Trends in Pharmacological Sciences</i> , <b>2014</b> , 35, 423-30	39.2	50
16	The light touch of delta opioid receptors. <i>Neuron</i> , <b>2014</b> , 81, 1220-1222	13.9	0
15	Miniature neurotransmission regulates Drosophila synaptic structural maturation. <i>Neuron</i> , <b>2014</b> , 82, 618-34	13.9	63
14	A sleep/wake circuit controls isoflurane sensitivity in Drosophila. <i>Current Biology</i> , <b>2013</b> , 23, 594-8	6.3	42
13	SMN is required for sensory-motor circuit function in Drosophila. <i>Cell</i> , <b>2012</b> , 151, 427-39	56.2	144
12	An SMN-dependent U12 splicing event essential for motor circuit function. <i>Cell</i> , <b>2012</b> , 151, 440-54	56.2	235

11	The p150(Glued) CAP-Gly domain regulates initiation of retrograde transport at synaptic termini. <i>Neuron</i> , <b>2012</b> , 74, 344-60	13.9	105
10	Regulation of Fasciclin II and synaptic terminal development by the splicing factor beag. <i>Journal of Neuroscience</i> , <b>2012</b> , 32, 7058-73	6.6	19
9	Mechanism of action of lolitrem B, a fungal endophyte derived toxin that inhibits BK large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels. <i>Toxicon</i> , <b>2011</b> , 57, 686-94	2.8	17
8	A role for BK channels in heart rate regulation in rodents. <i>PLoS ONE</i> , <b>2010</b> , 5, e8698	3.7	40
7	Structural determinants of lolitrems for inhibition of BK large conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channels. <i>European Journal of Pharmacology</i> , <b>2009</b> , 605, 36-45	5.3	26
6	Electrophysiological methods for recording synaptic potentials from the NMJ of <i>Drosophila</i> larvae. <i>Journal of Visualized Experiments</i> , <b>2009</b> ,	1.6	17
5	The molecular mechanism of "ryegrass staggers," a neurological disorder of K <sup>+</sup> channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 327, 657-64	4.7	85
4	A comparison of the anti-inflammatory and immuno-stimulatory activities of orf virus and ovine interleukin-10. <i>Virus Research</i> , <b>2002</b> , 90, 303-16	6.4	32
3	Orf virus immuno-modulation and the host immune response. <i>Veterinary Immunology and Immunopathology</i> , <b>2002</b> , 87, 395-9	2	31
2	Orf virus-encoded interleukin-10 stimulates the proliferation of murine mast cells and inhibits cytokine synthesis in murine peritoneal macrophages. <i>Journal of General Virology</i> , <b>2002</b> , 83, 1049-1058	4.9	45
1	A biased adenosine A1R agonist elicits analgesia without cardiorespiratory depression		5