

Wendy L Imlach

List of Publications by Citations

Source: <https://exaly.com/author-pdf/5994941/wendy-l-implach-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	An SMN-dependent U12 splicing event essential for motor circuit function. <i>Cell</i> , 2012 , 151, 440-54	56.2	235
27	SMN is required for sensory-motor circuit function in Drosophila. <i>Cell</i> , 2012 , 151, 427-39	56.2	144
26	The p150(Glued) CAP-Gly domain regulates initiation of retrograde transport at synaptic termini. <i>Neuron</i> , 2012 , 74, 344-60	13.9	105
25	Neurokinin 1 receptor signaling in endosomes mediates sustained nociception and is a viable therapeutic target for prolonged pain relief. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	91
24	Pharmacological characterisation of the highly Na1.7 selective spider venom peptide Pn3a. <i>Scientific Reports</i> , 2017 , 7, 40883	4.9	90
23	The molecular mechanism of "ryegrass staggers," a neurological disorder of K ⁺ channels. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 327, 657-64	4.7	85
22	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> , 2017 , 114, 12309-12314	11.5	83
21	Miniature neurotransmission regulates Drosophila synaptic structural maturation. <i>Neuron</i> , 2014 , 82, 618-34	13.9	63
20	A pH-responsive nanoparticle targets the neurokinin 1 receptor in endosomes to prevent chronic pain. <i>Nature Nanotechnology</i> , 2019 , 14, 1150-1159	28.7	60
19	Glycine transport inhibitors for the treatment of pain. <i>Trends in Pharmacological Sciences</i> , 2014 , 35, 423-30	39.2	50
18	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> , 2002 , 83, 1049-1058	4.9	45
17	A sleep/wake circuit controls isoflurane sensitivity in Drosophila. <i>Current Biology</i> , 2013 , 23, 594-8	6.3	42
16	A role for BK channels in heart rate regulation in rodents. <i>PLoS ONE</i> , 2010 , 5, e8698	3.7	40
15	Glycinergic dysfunction in a subpopulation of dorsal horn interneurons in a rat model of neuropathic pain. <i>Scientific Reports</i> , 2016 , 6, 37104	4.9	36
14	A comparison of the anti-inflammatory and immuno-stimulatory activities of orf virus and ovine interleukin-10. <i>Virus Research</i> , 2002 , 90, 303-16	6.4	32
13	Orf virus immuno-modulation and the host immune response. <i>Veterinary Immunology and Immunopathology</i> , 2002 , 87, 395-9	2	31
12	A Positive Allosteric Modulator of the Adenosine A1 Receptor Selectively Inhibits Primary Afferent Synaptic Transmission in a Neuropathic Pain Model. <i>Molecular Pharmacology</i> , 2015 , 88, 460-8	4.3	29

11	Structural determinants of lolitrems for inhibition of BK large conductance Ca ²⁺ -activated K ⁺ channels. <i>European Journal of Pharmacology</i> , 2009 , 605, 36-45	5.3	26
10	Pathological Mechanisms and Therapeutic Targets for Trigeminal Neuropathic Pain. <i>Medicines (Basel, Switzerland)</i> , 2019 , 6,	4.1	23
9	Regulation of Fasciclin II and synaptic terminal development by the splicing factor beag. <i>Journal of Neuroscience</i> , 2012 , 32, 7058-73	6.6	19
8	Mechanism of action of lolitrem B, a fungal endophyte derived toxin that inhibits BK large conductance Ca ²⁺ -activated K ⁺ channels. <i>Toxicon</i> , 2011 , 57, 686-94	2.8	17
7	Electrophysiological methods for recording synaptic potentials from the NMJ of <i>Drosophila</i> larvae. <i>Journal of Visualized Experiments</i> , 2009 ,	1.6	17
6	New approaches to target glycinergic neurotransmission for the treatment of chronic pain. <i>Pharmacological Research</i> , 2017 , 116, 93-99	10.2	16
5	Positive allosteric mechanisms of adenosine A receptor-mediated analgesia. <i>Nature</i> , 2021 , 597, 571-576	50.4	12
4	Activity of novel lipid glycine transporter inhibitors on synaptic signalling in the dorsal horn of the spinal cord. <i>British Journal of Pharmacology</i> , 2018 , 175, 2337-2347	8.6	7
3	A biased adenosine A1R agonist elicits analgesia without cardiorespiratory depression		5
2	The light touch of delta opioid receptors. <i>Neuron</i> , 2014 , 81, 1220-1222	13.9	0
1	Neuron-specific responses to acetylcholine within the spinal dorsal horn circuits of rodent and primate. <i>Neuropharmacology</i> , 2021 , 198, 108755	5.5	0