

# Walton D Jones

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1745398/publications.pdf>

Version: 2024-02-01

19  
papers

4,720  
citations

567281

15  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

4949  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment with a Copper-Zinc Chelator Markedly and Rapidly Inhibits $\beta$ -Amyloid Accumulation in Alzheimer's Disease Transgenic Mice. <i>Neuron</i> , 2001, 30, 665-676.	8.1	1,419
2	Or83b Encodes a Broadly Expressed Odorant Receptor Essential for <i>Drosophila</i> Olfaction. <i>Neuron</i> , 2004, 43, 703-714.	8.1	1,159
3	Two chemosensory receptors together mediate carbon dioxide detection in <i>Drosophila</i> . <i>Nature</i> , 2007, 445, 86-90.	27.8	601
4	Characterization of Copper Interactions with Alzheimer Amyloid $\beta$ Peptides. <i>Journal of Neurochemistry</i> , 2008, 75, 1219-1233.	3.9	566
5	Copper Mediates Dityrosine Cross-Linking of Alzheimer's Amyloid- $\beta$ . <i>Biochemistry</i> , 2004, 43, 560-568.	2.5	362
6	Functional conservation of an insect odorant receptor gene across 250 million years of evolution. <i>Current Biology</i> , 2005, 15, R119-R121.	3.9	245
7	Real-time single-molecule co-immunoprecipitation analyses reveal cancer-specific Ras signalling dynamics. <i>Nature Communications</i> , 2013, 4, 1505.	12.8	66
8	Identification of a Peptidergic Pathway Critical to Satiety Responses in <i>Drosophila</i> . <i>Current Biology</i> , 2016, 26, 814-820.	3.9	61
9	Genome-wide microRNA screening reveals that the evolutionary conserved miR-9a regulates body growth by targeting sNPF1/NPYR. <i>Nature Communications</i> , 2015, 6, 7693.	12.8	51
10	The expanding reach of the GAL4/UAS system into the behavioral neurobiology of <i>Drosophila</i> . <i>BMB Reports</i> , 2009, 42, 705-712.	2.4	32
11	Ca $^{2+}$ 1T, a fly T-type Ca $^{2+}$ channel, negatively modulates sleep. <i>Scientific Reports</i> , 2015, 5, 17893.	3.3	28
12	Insect odorant receptor trafficking requires calmodulin. <i>BMC Biology</i> , 2016, 14, 83.	3.8	27
13	Olfactory Carbon Dioxide Detection by Insects and Other Animals. <i>Molecules and Cells</i> , 2013, 35, 87-92.	2.6	25
14	A fat-derived metabolite regulates a peptidergic feeding circuit in <i>Drosophila</i> . <i>PLoS Biology</i> , 2017, 15, e2000532.	5.6	24
15	Central peptidergic modulation of peripheral olfactory responses. <i>BMC Biology</i> , 2017, 15, 35.	3.8	23
16	A cyclic nucleotide-gated channel in the brain regulates olfactory modulation through neuropeptide F in fruit fly <i>Drosophila melanogaster</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 103, e21620.	1.5	18
17	An accelerated miRNA-based screen implicates Atf-3 in <i>Drosophila</i> odorant receptor expression. <i>Scientific Reports</i> , 2016, 6, 20109.	3.3	8
18	MicroRNA mutant turns back the evolutionary clock for fly olfaction. <i>BioEssays</i> , 2008, 30, 621-623.	2.5	4

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19	Mass Spectrometry-Based Screening Platform Reveals Orco Interactome in. <i>Molecules and Cells</i> , 2018, 41, 150-159.	2.6	1