

# Donald J Van Meyel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5303613/publications.pdf>

Version: 2024-02-01

21  
papers

1,245  
citations

567281

15  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2334  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuronal morphometry directly from bitmap images. <i>Nature Methods</i> , 2014, 11, 982-984.	19.0	517
2	Chip and Apterous Physically Interact to Form a Functional Complex during <i>Drosophila</i> Development. <i>Molecular Cell</i> , 1999, 4, 259-265.	9.7	106
3	<i>Drosophila</i> Glial Glutamate Transporter <i>Eaat1</i> Is Regulated by Fringe-Mediated Notch Signaling and Is Essential for Larval Locomotion. <i>Journal of Neuroscience</i> , 2010, 30, 14446-14457.	3.6	72
4	<i>Ssdp</i> proteins bind to LIM-interacting co-factors and regulate the activity of LIM-homeodomain protein complexes in vivo. <i>Development (Cambridge)</i> , 2003, 130, 1915-1925.	2.5	71
5	Dendrite architecture organized by transcriptional control of the F-actin nucleator <i>Spire</i> . <i>Development (Cambridge)</i> , 2014, 141, 650-660.	2.5	63
6	Dendrite branching and self-avoidance are controlled by <i>Turtle</i> , a conserved IgSF protein in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2009, 136, 3475-3484.	2.5	51
7	The Taurine Transporter <i>Eaat2</i> Functions in Ensheathing Glia to Modulate Sleep and Metabolic Rate. <i>Current Biology</i> , 2018, 28, 3700-3708.e4.	3.9	48
8	<i>lhog</i> and <i>Boi</i> are essential for Hedgehog signaling in <i>Drosophila</i> . <i>Neural Development</i> , 2010, 5, 28.	2.4	47
9	Disruption of an EAAT-Mediated Chloride Channel in a <i>Drosophila</i> Model of Ataxia. <i>Journal of Neuroscience</i> , 2016, 36, 7640-7647.	3.6	39
10	The glycosyltransferase <i>Fringe</i> promotes Delta-Notch signaling between neurons and glia, and is required for subtype-specific glial gene expression. <i>Development (Cambridge)</i> , 2007, 134, 591-600.	2.5	36
11	Identification of genes influencing dendrite morphogenesis in developing peripheral sensory and central motor neurons. <i>Neural Development</i> , 2008, 3, 16.	2.4	34
12	A Gain-of-Function Screen for Genes That Influence Axon Guidance Identifies the NF- $\kappa$ B Protein <i>Dorsal</i> and Reveals a Requirement for the Kinase <i>Pelle</i> in <i>Drosophila</i> Photoreceptor Axon Targeting. <i>Genetics</i> , 2007, 176, 2247-2263.	2.9	24
13	<i>AANAT1</i> functions in astrocytes to regulate sleep homeostasis. <i>ELife</i> , 2020, 9, .	6.0	24
14	Gliomas in families: Chromosomal analysis by comparative genomic hybridization. <i>Cancer Genetics and Cytogenetics</i> , 1998, 100, 77-83.	1.0	23
15	Absence of hereditary mutations in exons 5 through 9 of the <i>p53</i> gene and exon 24 of the <i>neurofibromin</i> gene in families with glioma. <i>Annals of Neurology</i> , 1994, 35, 120-122.	5.3	22
16	Neuron-Glial Communication at Synapses: Insights From Vertebrates and Invertebrates. <i>Neuroscientist</i> , 2007, 13, 657-666.	3.5	21
17	Loss of Heterozygosity Analysis of Chromosomes 9, 10 and 17 in Gliomas in Families. <i>Canadian Journal of Neurological Sciences</i> , 1995, 22, 17-21.	0.5	11
18	Rab-mediated vesicular transport is required for neuronal positioning in the developing <i>Drosophila</i> visual system. <i>Molecular Brain</i> , 2010, 3, 19.	2.6	10

#	ARTICLE	IF	CITATIONS
19	Ataxia-linked SLC1A3 mutations alter EAAT1 chloride channel activity and glial regulation of CNS function. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	10
20	Longitudinal glia in the fly CNS: pushing the envelope on glial diversity and neuron-glia interactions. <i>Neuron Glia Biology</i> , 2007, 3, 27-33.	1.6	9
21	Ihog and Boi elicit Hh signaling via Ptc but do not aid Ptc in sequestering the Hh ligand. <i>Development (Cambridge)</i> , 2014, 141, 3879-3888.	2.5	7