

James B Rand

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9747054/publications.pdf>

Version: 2024-02-01

22
papers

2,041
citations

471509

17
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1490
citing authors

#	ARTICLE	IF	CITATIONS
1	Synaptic function is impaired but not eliminated in <i>C. elegans</i> mutants lacking synaptotagmin. <i>Cell</i> , 1993, 73, 1291-1305.	28.9	536
2	Synaptic Transmission Deficits in <i>Caenorhabditis elegans</i> Synaptobrevin Mutants. <i>Journal of Neuroscience</i> , 1998, 18, 70-80.	3.6	253
3	The <i>cat-1</i> Gene of <i>Caenorhabditis elegans</i> Encodes a Vesicular Monoamine Transporter Required for Specific Monoamine-Dependent Behaviors. <i>Journal of Neuroscience</i> , 1999, 19, 72-84.	3.6	240
4	CHOLINE ACETYLTRANSFERASE-DEFICIENT MUTANTS OF THE NEMATODE <i>CAENORHABDITIS ELEGANS</i> . <i>Genetics</i> , 1984, 106, 227-248.	2.9	139
5	The acetylcholinesterase genes of <i>C. elegans</i> : Identification of a third gene (<i>ace-3</i>) and mosaic mapping of a synthetic lethal phenotype. <i>Neuron</i> , 1988, 1, 165-173.	8.1	119
6	A Role for RIC-8 (Synembryn) and GOA-1 (GoI±) in Regulating a Subset of Centrosome Movements During Early Embryogenesis in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2000, 156, 1649-1660.	2.9	117
7	Alternative Splicing Leads to Two Cholinergic Proteins in <i>Caenorhabditis elegans</i> . <i>Journal of Molecular Biology</i> , 1994, 241, 627-630.	4.2	103
8	Cloning and expression of the vesamicol binding protein from the marine ray <i>Torpedo</i> . <i>FEBS Letters</i> , 1994, 342, 97-102.	2.8	97
9	Identification of major classes of cholinergic neurons in the nematode <i>Caenorhabditis elegans</i> . <i>Journal of Comparative Neurology</i> , 2008, 506, 398-408.	1.6	76
10	Systematic phenomics analysis of autism-associated genes reveals parallel networks underlying reversible impairments in habituation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 656-667.	7.1	57
11	Identified neurons in <i>C. elegans</i> coexpress vesicular transporters for acetylcholine and monoamines. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1616-C1622.	4.6	55
12	Neurogenetics of vesicular transporters in <i>C. elegans</i> . <i>FASEB Journal</i> , 2000, 14, 2414-2422.	0.5	42
13	Analysis of Point Mutants in the <i>Caenorhabditis elegans</i> Vesicular Acetylcholine Transporter Reveals Domains Involved in Substrate Translocation. <i>Journal of Biological Chemistry</i> , 2001, 276, 41580-41587.	3.4	37
14	The <i>Caenorhabditis elegans</i> <i>snf-11</i> Gene Encodes a Sodium-dependent GABA Transporter Required for Clearance of Synaptic GABA. <i>Molecular Biology of the Cell</i> , 2006, 17, 3021-3030.	2.1	36
15	Properties and Partial Purification of Choline Acetyltransferase from the Nematode <i>Caenorhabditis elegans</i> . <i>Journal of Neurochemistry</i> , 1985, 44, 189-200.	3.9	33
16	A genetic interaction between the vesicular acetylcholine transporter VACHT/UNC-17 and synaptobrevin/SNB-1 in <i>C. elegans</i> . <i>Nature Neuroscience</i> , 2006, 9, 599-601.	14.8	31
17	UNC-41/Stonin Functions with AP2 to Recycle Synaptic Vesicles in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2012, 7, e40095.	2.5	28
18	Modular Organization of <i>Cis</i> -regulatory Control Information of Neurotransmitter Pathway Genes in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2020, 215, 665-681.	2.9	18

#	ARTICLE	IF	CITATIONS
19	Genetic Interactions Between UNC-17/VACHT and a Novel Transmembrane Protein in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2012, 192, 1315-1325.	2.9	12
20	Unusual Regulation of Splicing of the Cholinergic Locus in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 199, 729-737.	2.9	9
21	Allele-specific suppression in <i>Caenorhabditis elegans</i> reveals details of EMS mutagenesis and a possible moonlighting interaction between the vesicular acetylcholine transporter and ERD2 receptors. <i>Genetics</i> , 2021, 218, .	2.9	3
22	Analysis of <i>Caenorhabditis elegans</i> acetylcholine synthesis mutants reveals a temperature-sensitive requirement for cholinergic neuromuscular function. <i>Genetics</i> , 2021, 218, .	2.9	0