Alexander M Van Der Linden

List of Publications by Year
in descending order

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24	1,330	567281 15	677142 22
papers	citations	h-index	g-index

26	26	26	1767
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genome-Wide RNAi of C. elegans Using the Hypersensitive rrf-3 Strain Reveals Novel Gene Functions. PLoS Biology, 2003, 1, e12.	5.6	545
2	Global accumulation of circRNAs during aging in Caenorhabditis elegans. BMC Genomics, 2018, 19, 8.	2.8	139
3	KIN-29 SIK regulates chemoreceptor gene expression via an MEF2 transcription factor and a class II HDAC. EMBO Journal, 2007, 26, 358-370.	7.8	84
4	Left-right olfactory asymmetry results from antagonistic functions of voltage-activated calcium channels and the Raw repeat protein OLRN-1 in C. elegans. Neural Development, 2007, 2, 24.	2.4	61
5	Genome-Wide Analysis of Light- and Temperature-Entrained Circadian Transcripts in Caenorhabditis elegans. PLoS Biology, 2010, 8, e1000503.	5.6	60
6	The G-Protein Î²-Subunit GPB-2 in Caenorhabditis elegans Regulates the GoÎ±-GqÎ± Signaling Network Through Interactions With the Regulator of G-Protein Signaling Proteins EGL-10 and EAT-16. Genetics, 2001, 158, 221-235.	2.9	56
7	The EGL-4 PKG Acts With KIN-29 Salt-Inducible Kinase and Protein Kinase A to Regulate Chemoreceptor Gene Expression and Sensory Behaviors in Caenorhabditis elegans. Genetics, 2008, 180, 1475-1491.	2.9	47
8	G protein hyperactivation of the Caenorhabditis elegans adenylyl cyclase SGS-1 induces neuronal degeneration. EMBO Journal, 1998, 17, 5059-5065.	7.8	43
9	Feeding State, Insulin and NPR-1 Modulate Chemoreceptor Gene Expression via Integration of Sensory and Circuit Inputs. PLoS Genetics, 2014, 10, e1004707.	3.5	42
10	Proteins Interacting withCaenorhabditis elegansâ€‰GÎ±Subunits. Comparative and Functional Genomics, 2003, 4, 479-491.	2.0	37
11	A salt-induced kinase is required for the metabolic regulation of sleep. PLoS Biology, 2020, 18, e3000220.	5.6	37
12	Chemical Genetics Reveals an RGS/G-Protein Role in the Action of a Compound. PLoS Genetics, 2006, 2, e57.	3.5	32
13	Differential hippocampal gene expression is associated with climateâ€related natural variation in memory and the hippocampus in foodâ€caching chickadees. Molecular Ecology, 2013, 22, 397-408.	3.9	29
14	Hyperactivation of the G12-Mediated Signaling Pathway in Caenorhabditis elegans Induces a Developmental Growth Arrest via Protein Kinase C. Current Biology, 2003, 13, 516-521.	3.9	21
15	Cell-Autonomous and Non-Cell-Autonomous Regulation of a Feeding State-Dependent Chemoreceptor Gene via MEF-2 and bHLH Transcription Factors. PLoS Genetics, 2016, 12, e1006237.	3.5	21
16	Cisâ€regulatory mechanisms of gene expression in an olfactory neuron type in Caenorhabditis elegans. Developmental Dynamics, 2009, 238, 3080-3092.	1.8	18
17	Increased food intake after starvation enhances sleep in Drosophila melanogaster. Journal of Genetics and Genomics, 2017, 44, 319-326.	3.9	18
18	Long-term imaging of circadian locomotor rhythms of a freely crawling C. elegans population. Journal of Neuroscience Methods, 2015, 249, 66-74.	2.5	11

#	Article	IF	Citations
19	Shotgun Cloning of Transposon Insertions in the Genome ofCaenorhabditis elegans. Comparative and Functional Genomics, 2004, 5, 225-229.	2.0	9
20	Loss of circRNAs from the crhâ€1 gene extends the mean lifespan in Caenorhabditis elegans. Aging Cell, 2022, 21, e13560.	6.7	6
21	Plasticity of chemoreceptor gene expression: Sensory and circuit inputs modulate state-dependent chemoreceptors. Worm, 2015, 4, e1023497.	1.0	4
22	Dietary vitamin B12 regulates chemosensory receptor gene expression via the MEF2 transcription factor in Caenorhabditis elegans. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	4
23	Regulation of sleep by KIN-29 is not developmental. MicroPublication Biology, 2020, 2020, .	0.1	0
24	The salt-inducible kinase KIN-29 regulates lifespan via the class II histone-deacetylase HDA-4. MicroPublication Biology, 2020, 2020, .	0.1	0