

Gert Jansen

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

4,210
citations

186265

28
h-index

206112

48
g-index

54
all docs

54
docs citations

54
times ranked

3308
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of an unstable fragment of DNA specific to individuals with myotonic dystrophy. <i>Nature</i> , 1992, 355, 547-548.	27.8	622
2	Cloning of the essential myotonic dystrophy region and mapping of the putative defect. <i>Nature</i> , 1992, 355, 548-551.	27.8	498
3	Abnormal myotonic dystrophy protein kinase levels produce only mild myopathy in mice. <i>Nature Genetics</i> , 1996, 13, 316-324.	21.4	320
4	The complete family of genes encoding G proteins of <i>Caenorhabditis elegans</i> . <i>Nature Genetics</i> , 1999, 21, 414-419.	21.4	285
5	Reverse genetics by chemical mutagenesis in <i>Caenorhabditis elegans</i> . <i>Nature Genetics</i> , 1997, 17, 119-121.	21.4	279
6	Heterochromatin protein 1 is recruited to various types of DNA damage. <i>Journal of Cell Biology</i> , 2009, 185, 577-586.	5.2	228
7	Vasopressin/Oxytocin-Related Signaling Regulates Gustatory Associative Learning in <i>C. elegans</i> . <i>Science</i> , 2012, 338, 543-545.	12.6	162
8	Structure and genomic sequence of the myotonic dystrophy (DM kinase) gene. <i>Human Molecular Genetics</i> , 1993, 2, 299-304.	2.9	137
9	Involvement of Global Genome Repair, Transcription Coupled Repair, and Chromatin Remodeling in UV DNA Damage Response Changes during Development. <i>PLoS Genetics</i> , 2010, 6, e1000941.	3.5	111
10	Mutation of the MAP kinase DYF-5 affects docking and undocking of kinesin-2 motors and reduces their speed in the cilia of <i>Caenorhabditis elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7157-7162.	7.1	109
11	Reverse Mutation in Myotonic Dystrophy. <i>New England Journal of Medicine</i> , 1993, 328, 476-480.	27.0	97
12	Antagonistic sensory cues generate gustatory plasticity in <i>Caenorhabditis elegans</i> . <i>EMBO Journal</i> , 2006, 25, 312-322.	7.8	90
13	The G-protein gamma subunit <i>gpc-1</i> of the nematode <i>C.elegans</i> is involved in taste adaptation. <i>EMBO Journal</i> , 2002, 21, 986-994.	7.8	88
14	G Protein-Coupled Receptor Kinase Function Is Essential for Chemosensation in <i>C. elegans</i> . <i>Neuron</i> , 2004, 42, 581-593.	8.1	87
15	Gustatory plasticity in <i>C. elegans</i> involves integration of negative cues and NaCl taste mediated by serotonin, dopamine, and glutamate. <i>Learning and Memory</i> , 2008, 15, 829-836.	1.3	86
16	A Network of Stimulatory and Inhibitory G $\beta\gamma$ -Subunits Regulates Olfaction in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2004, 167, 1677-1687.	2.9	82
17	Functional Characterization of Three G Protein-coupled Receptors for Pigment Dispersing Factors in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 15241-15249.	3.4	80
18	Regulation of Cilium Length and Intraflagellar Transport by the RCK-Kinases ICK and MOK in Renal Epithelial Cells. <i>PLoS ONE</i> , 2014, 9, e108470.	2.5	76

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19	Discovery and characterization of a conserved pigment dispersing factor-like neuropeptide pathway in <i>Caenorhabditis elegans</i> . <i>Journal of Neurochemistry</i> , 2009, 111, 228-241.	3.9	75
20	Myotonic dystrophy kinase is a component of neuromuscular junctions. <i>Human Molecular Genetics</i> , 1993, 2, 1889-1894.	2.9	70
21	Structural organization and developmental expression pattern of the mouse WD-repeat gene DMR-N9 immediately upstream of the myotonic dystrophy locus. <i>Human Molecular Genetics</i> , 1995, 4, 843-852.	2.9	60
22	Constitutive and regulated modes of splicing produce six major myotonic dystrophy protein kinase (DMPK) isoforms with distinct properties. <i>Human Molecular Genetics</i> , 2000, 9, 605-616.	2.9	60
23	Regulation of Cilium Length and Intraflagellar Transport. <i>International Review of Cell and Molecular Biology</i> , 2013, 303, 101-138.	3.2	57
24	Multiple sensory G proteins in the olfactory, gustatory and nociceptive neurons modulate longevity in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2007, 303, 474-482.	2.0	52
25	Physical and genetic characterization of the distal segment of the myotonic dystrophy area on 19q. <i>Genomics</i> , 1992, 13, 509-517.	2.9	38
26	Proteins Interacting with <i>Caenorhabditis elegans</i> Subunits. <i>Comparative and Functional Genomics</i> , 2003, 4, 479-491.	2.0	37
27	Regulation of ciliary function by fibroblast growth factor signaling identifies FGFR3-related disorders achondroplasia and thanatophoric dysplasia as ciliopathies. <i>Human Molecular Genetics</i> , 2018, 27, 1093-1105.	2.9	33
28	No imprinting involved in the expression of DM-kinase m RNAs in mouse and human tissues. <i>Human Molecular Genetics</i> , 1993, 2, 1221-1227.	2.9	30
29	SQL-1, homologue of the Golgi protein GMAP210, modulates Intraflagellar Transport in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2013, 126, 1785-95.	2.0	29
30	Fibroblast growth factor receptor influences primary cilium length through an interaction with intestinal cell kinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4316-4325.	7.1	29
31	DLK-1/p38 MAP Kinase Signaling Controls Cilium Length by Regulating RAB-5 Mediated Endocytosis in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2015, 11, e1005733.	3.5	25
32	Ciliary Tip Signaling Compartment Is Formed and Maintained by Intraflagellar Transport. <i>Current Biology</i> , 2020, 30, 4299-4306.e5.	3.9	25
33	Physical mapping and cloning of the proximal segment of the myotonic dystrophy gene region. <i>Genomics</i> , 1992, 13, 518-525.	2.9	22
34	Accelerating Gene Discovery by Phenotyping Whole-Genome Sequenced Multi-mutation Strains and Using the Sequence Kernel Association Test (SKAT). <i>PLoS Genetics</i> , 2016, 12, e1006235.	3.5	22
35	PACRG, a protein linked to ciliary motility, mediates cellular signaling. <i>Molecular Biology of the Cell</i> , 2016, 27, 2133-2144.	2.1	16
36	<i>Cis</i> - and <i>Trans</i> -Regulatory Mechanisms of Gene Expression in the ASJ Sensory Neuron of <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2015, 200, 123-134.	2.9	14

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37	Expression of mammalian GPCRs in <i>C. elegans</i> generates novel behavioural responses to human ligands. <i>BMC Biology</i> , 2006, 4, 22.	3.8	12
38	Dauer pheromone and G-protein signaling modulate the coordination of intraflagellar transport kinesin motor proteins in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2010, 123, 2077-2084.	2.0	12
39	Cystic renal epithelial derived induced pluripotent stem cells from polycystic kidney disease patients. <i>Stem Cells Translational Medicine</i> , 2020, 9, 478-490.	3.3	10
40	Noncell- and Cell-Autonomous G-Protein-Signaling Converges With Ca ²⁺ /Mitogen-Activated Protein Kinase Signaling to Regulate str-2 Receptor Gene Expression in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2006, 173, 1287-1299.	2.9	8
41	Dinucleotide repeat polymorphism at locus D19S207, close to the myotonic dystrophy (DM) gene. <i>Human Molecular Genetics</i> , 1993, 2, 333-333.	2.9	7
42	Control of feeding behavior in <i>C. elegans</i> by human G protein-coupled receptors permits screening for agonist-expressing bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14826-14831.	7.1	6
43	Identifying cystogenic paracrine signaling molecules in cyst fluid of patients with polycystic kidney disease. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F204-F213.	2.7	6
44	Plasticity in gustatory and nociceptive neurons controls decision making in <i>C. elegans</i> salt navigation. <i>Communications Biology</i> , 2021, 4, 1053.	4.4	6
45	<i>Caenorhabditis elegans</i> homologues of the CLN3 gene, mutated in juvenile neuronal ceroid lipofuscinosis. <i>European Journal of Paediatric Neurology</i> , 2001, 5, 115-120.	1.6	4
46	Mechanism of life-long maintenance of neuron identity despite molecular fluctuations. <i>ELife</i> , 2021, 10, .	6.0	3
47	Signaling Proteins that Regulate NaCl Chemotaxis Responses Modulate Longevity in <i>C. elegans</i> . <i>Annals of the New York Academy of Sciences</i> , 2009, 1170, 682-687.	3.8	2
48	Gene Inactivation in <i>Caenorhabditis elegans</i> . <i>Current Genomics</i> , 2002, 3, 59-67.	1.6	1
49	Behavioral Genetics in the Nematode <i>Caenorhabditis elegans</i> . , 2006, , 353-368.		0