Anja C Nagel

List of Publications by Year
in descending order

53 papers	966 citations	430874 18 h-index	501196 28 g-index
54 all docs	54 docs citations	54 times ranked	862 citing authors

#	Article	IF	Citations
1	Hairless-Mediated Repression of Notch Target Genes Requires the Combined Activity of Groucho and CtBP Corepressors. Molecular and Cellular Biology, 2005, 25, 10433-10441.	2.3	119
2	Nonlinear partial differential equations and applications: Two isoforms of the Notch antagonist Hairless are produced by differential translation initiation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15480-15485.	7.1	50
3	Subcellular localization of Hairless protein shows a major focus of activity within the nucleus. Mechanisms of Development, 1999, 89, 195-199.	1.7	47
4	Genetic Modifier Screens on Hairless Gain-of-Function Phenotypes Reveal Genes Involved in Cell Differentiation, Cell Growth and Apoptosis in Drosophila melanogaster. Genetics, 2005, 171, 1137-1152.	2.9	41
5	Green fluorescent protein as a convenient and versatile marker for studies on functional genomics in Drosophila. Development Genes and Evolution, 2002, 212, 93-98.	0.9	38
6	Su(H)-independent activity of Hairless during mechano-sensory organ formation in Drosophila. Mechanisms of Development, 2000, 94, 3-12.	1.7	37
7	putzig Is Required for Cell Proliferation and Regulates Notch Activity in Drosophila. Molecular Biology of the Cell, 2007, 18, 3733-3740.	2.1	35
8	<i>Drosophila rugose</i>Is a Functional Homolog of Mammalian<i>Neurobeachin</i>and Affects Synaptic Architecture, Brain Morphology, and Associative Learning. Journal of Neuroscience, 2012, 32, 15193-15204.	3.6	34
9	The Putzig-NURF Nucleosome Remodeling Complex Is Required for Ecdysone Receptor Signaling and Innate Immunity in Drosophila melanogaster. Genetics, 2011, 188, 127-139.	2.9	32
10	Hairless induces cell death by downregulation of EGFR signalling activity. Journal of Cell Science, 2008, 121, 3167-3176.	2.0	29
11	Dynamic expression of Drosophila TRAF1 during embryogenesis and larval development. Mechanisms of Development, 2001, 100, 109-113.	1.7	28
12	NotchspllsIs Deficient for Inductive Processes in the Eye, andE(spl)DEnhancessplitby Interfering with Proneural Activity. Developmental Biology, 1999, 208, 406-415.	2.0	27
13	A Novel Pzg-NURF Complex Regulates Notch Target Gene Activity. Molecular Biology of the Cell, 2010, 21, 3443-3448.	2.1	26
14	Hairless-binding deficient Suppressor of Hairless alleles reveal Su(H) protein levels are dependent on complex formation with Hairless. PLoS Genetics, 2017, 13, e1006774.	3.5	23
15	Overexpression of the m4 and mÎ± genes of the E(spl)-Complex antagonizes Notch mediated lateral inhibition. Mechanisms of Development, 1999, 86, 39-50.	1.7	22
16	Phosphorylation of Ser 402 impedes phosphatase activity of slingshot 1. EMBO Reports, 2011, 12, 527-533.	4.5	22
17	Genetic screen for modifiers of the rough eye phenotype resulting from overexpression of the notch antagonist hairless indrosophila. Genesis, 2002, 33, 141-152.	1.6	20
18	The Enhancer of Trithorax and Polycomb Corto Interacts with Cyclin G in Drosophila. PLoS ONE, 2008, 3, e1658.	2.5	20

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19	scalloped and strawberry notch are target genes of Notch signaling in the context of wing margin formation in Drosophila. Mechanisms of Development, 2001, 109, 241-251.	1.7	18
20	Drosophila protein kinase D is broadly expressed and a fraction localizes to the Golgi compartment. Gene Expression Patterns, 2006, 6, 849-856.	0.8	18
21	Protein Kinase D regulates several aspects of development in Drosophila melanogaster. BMC Developmental Biology, 2007, 7, 74.	2.1	18
22	MAPK-dependent phosphorylation modulates the activity of Suppressor of Hairless in Drosophila. Cellular Signalling, 2015, 27, 115-124.	3.6	17
23	Fine tuning of Notch signaling by differential co-repressor recruitment during eye development of Drosophila. Hereditas, 2011, 148, 77-84.	1.4	16
24	Enhancer ofSplit [E(spl)D] is a gro-independent, hypermorphic mutation inDrosophila. , 1999, 25, 168-179.		15
25	Cyclin G Functions as a Positive Regulator of Growth and Metabolism in Drosophila. PLoS Genetics, 2015, 11, e1005440.	3.5	15
26	A molecular link A molecular link between Hairless and Pros26.4, a member of the AAA-ATPase subunits of the proteasome 19S regulatory particle in Drosophila. Journal of Cell Science, 2006, 119, 250-258.	2.0	13
27	Cyclin G is involved in meiotic recombination repair in Drosophila melanogaster. Journal of Cell Science, 2012, 125, 5555-63.	2.0	13
28	Generation of New Hairless Alleles by Genomic Engineering at the Hairless Locus in Drosophila melanogaster. PLoS ONE, 2015, 10, e0140007.	2.5	13
29	Nucleo-cytoplasmic shuttling of Drosophila Hairless/Su(H) heterodimer as a means of regulating Notch dependent transcription. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1520-1532.	4.1	13
30	Loss of putzig Activity Results in Apoptosis during Wing Imaginal Development in Drosophila. PLoS ONE, 2015, 10, e0124652.	2.5	12
31	Neurogenic phenotypes induced by RNA interference with bHLH genes of theEnhancer of splitcomplex ofDrosophila melanogaster. Genesis, 2004, 39, 105-114.	1.6	11
32	Constitutively active Protein kinase D acts as negative regulator of the Slingshot-phosphatase in Drosophila. Hereditas, 2010, 147, 237-242.	1.4	10
33	Phosphorylation of Suppressor of Hairless impedes its DNA-binding activity. Scientific Reports, 2017, 7, 11820.	3.3	10
34	Phospho-Site Mutations in Transcription Factor Suppressor of Hairless Impact Notch Signaling Activity During Hematopoiesis in Drosophila. Frontiers in Cell and Developmental Biology, 2021, 9, 658820.	3.7	10
35	Involvement of co-repressors Groucho and CtBP in the regulation of single-minded in Drosophila. Hereditas, 2007, 144, 195-205.	1.4	9
36	A triangular connection between Cyclin G, PP2A and Akt1 in the regulation of growth and metabolism in Drosophila. Fly, 2016, 10, 11-18.	1.7	9

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37	Protein Kinase D Is Dispensable for Development and Survival of Drosophila melanogaster. G3: Genes, Genomes, Genetics, 2019, 9, 2477-2487.	1.8	9
38	Neural hyperplasia induced by RNA interference with m4/mÎ± gene activity. Mechanisms of Development, 2000, 98, 19-28.	1.7	8
39	Drosophila Cyclin G Is a Regulator of the Notch Signalling Pathway during Wing Development. PLoS ONE, 2016, 11, e0151477.	2.5	8
40	p53 and cyclin G cooperate in mediating genome stability in somatic cells of Drosophila. Scientific Reports, 2017, 7, 17890.	3.3	8
41	Dorso-ventral axis formation of theDrosophilaoocyte requires Cyclin G. Hereditas, 2012, 149, 186-196.	1.4	7
42	Overexpression of the Drosophila ATR homologous checkpoint kinase Mei-41 induces a G2/M checkpoint in Drosophila imaginal tissue. Hereditas, 2018, 155, 27.	1.4	6
43	Loss of putzig in the germline impedes germ cell development by inducing cell death and new niche like microenvironments. Scientific Reports, 2019, 9, 9108.	3.3	5
44	An RBPJ-Drosophila Model Reveals Dependence of RBPJ Protein Stability on the Formation of Transcriptionâ€"Regulator Complexes. Cells, 2019, 8, 1252.	4.1	5
45	Nucleo-cytoplasmic shuttling of murine RBPJ by Hairless protein matches that of Su(H) protein in the model system Drosophila melanogaster. Hereditas, 2021, 158, 11.	1.4	4
46	Local overexpression of Su(H)-MAPK variants affects Notch target gene expression and adult phenotypes in Drosophila. Data in Brief, 2015, 5, 852-863.	1.0	3
47	Complex genetic interactions of novel Suppressor of Hairless alleles deficient in co-repressor binding. PLoS ONE, 2018, 13, e0193956.	2.5	3
48	Drosophila Xrcc2 regulates DNA double-strand repair in somatic cells. DNA Repair, 2020, 88, 102807.	2.8	3
49	Structural analysis of point mutations in the Hairless gene and their association with the activity of the Hairless protein. International Journal of Biological Macromolecules, 2008, 43, 426-432.	7.5	2
50	Mutation of potential MAPK phosphorylation sites in the Notch antagonist Hairless. Hereditas, 2014, 151, 102-108.	1.4	2
51	Genetic interactions between Protein Kinase D and Lobe mutants during eye development of Drosophila melanogaster. Hereditas, 2019, 156, 37.	1.4	1
52	Limited Availability of General Co-Repressors Uncovered in an Overexpression Context during Wing Venation in Drosophila melanogaster. Genes, 2020, 11, 1141.	2.4	1
53	The Membrane-Bound Notch Regulator Mnr Supports Notch Cleavage and Signaling Activity in Drosophila melanogaster. Biomolecules, 2021, 11, 1672.	4.0	1