Heinrich Reichert

List of Publications by Year
in descending order

65 papers	3,120 citations	159585 30 h-index	168389 53 g-index
66 all docs	66 docs citations	66 times ranked	2243 citing authors

#	Article	IF	Citations
1	Structure and development of the subesophageal zone of the <i>Drosophila</i> brain. I. Segmental architecture, compartmentalization, and lineage anatomy. Journal of Comparative Neurology, 2018, 526, 6-32.	1.6	29
2	Structure and development of the subesophageal zone of the <i>Drosophila</i> brain. II. Sensory compartments. Journal of Comparative Neurology, 2018, 526, 33-58.	1.6	34
3	How the humble insect brain became a powerful experimental model system. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 2017, 203, 879-889.	1.6	0
4	The splicing co-factor Barricade/Tat-SF1, is required for cell cycle and lineage progression in<i>Drosophila</i>neural stem cells. Development (Cambridge), 2017, 144, 3932-3945.	2.5	14
5	Control of neural stem cell self-renewal and differentiation in Drosophila. Cell and Tissue Research, 2015, 359, 33-45.	2.9	48
6	SWI/SNF Complex Prevents Lineage Reversion and Induces Temporal Patterning in Neural Stem Cells. Cell, 2014, 156, 1259-1273.	28.9	137
7	<i>Drosophila</i>Neural Stem Cells in Brain Development and Tumor Formation. Journal of Neurogenetics, 2014, 28, 181-189.	1.4	15
8	Insights into brain development and disease from neurogenetic analyses in Drosophila melanogaster. Journal of Biosciences, 2014, 39, 595-603.	1.1	0
9	Neuroblast lineage identification and lineage-specific Hox gene action during postembryonic development of the subesophageal ganglion in the Drosophila central brain. Developmental Biology, 2014, 390, 102-115.	2.0	26
10	Genetic transformation of structural and functional circuitry rewires the Drosophila brain. ELife, 2014, 3, .	6.0	16
11	Maintaining neural stem cell identity in the brain. ELife, 2014, 3, .	6.0	1
12	Early-born neurons in type II neuroblast lineages establish a larval primordium and integrate into adult circuitry during central complex development in Drosophila. Neural Development, 2013, 8, 6.	2.4	30
13	The urbilaterian brain revisited: novel insights into old questions from new flatworm clades. Development Genes and Evolution, 2013, 223, 149-157.	0.9	25
14	Analysis of neural stem cell self-renewal and differentiation by transgenic RNAi in Drosophila. Archives of Biochemistry and Biophysics, 2013, 534, 38-43.	3.0	11
15	A multipotent transit-amplifying neuroblast lineage in the central brain gives rise to optic lobe glial cells in Drosophila. Developmental Biology, 2013, 379, 182-194.	2.0	31
16	Conserved roles of<i>ems/Emx</i>and<i>otd/Otx</i>genes in olfactory and visual system development in<i>Drosophila</i>and mouse. Open Biology, 2013, 3, 120177.	3.6	20
17	The <i>labial</i> gene is required to terminate proliferation of identified neuroblasts in postembryonic development of the <i>Drosophila</i> brain. Biology Open, 2012, 1, 1006-1015.	1.2	18
18	FACS Purification and Transcriptome Analysis of Drosophila Neural Stem Cells Reveals a Role for Klumpfuss in Self-Renewal. Cell Reports, 2012, 2, 407-418.	6.4	122

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19	Programmed cell death in type II neuroblast lineages is required for central complex development in the Drosophila brain. Neural Development, 2012, 7, 3.	2.4	35
20	Multipotent neural stem cells generate glial cells of the central complex through transit amplifying intermediate progenitors in Drosophila brain development. Developmental Biology, 2011, 356, 553-565.	2.0	54
21	Brain development in the yellow fever mosquito Aedes aegypti: a comparative immunocytochemical analysis using cross-reacting antibodies from Drosophila melanogaster. Development Genes and Evolution, 2011, 221, 281-296.	0.9	26
22	Identification and analysis of a glutamatergic local interneuron lineage in the adult Drosophila olfactory system. Neural Systems & Circuits, 2011, 1, 4.	1.8	30
23	Drosophila Neural Stem Cells: Cell Cycle Control of Self-Renewal, Differentiation, and Termination in Brain Development. Results and Problems in Cell Differentiation, 2011, 53, 529-546.	0.7	36
24	Coral emx-Am can substitute for Drosophila empty spiracles function in head, but not brain development. Developmental Biology, 2010, 340, 125-133.	2.0	8
25	Notch Regulates the Generation of Diverse Cell Types From the Lateral Lineage of<i>Drosophila</i>Antennal Lobe. Journal of Neurogenetics, 2010, 24, 42-53.	1.4	10
26	Hox Genes and Brain Development in Drosophila. Advances in Experimental Medicine and Biology, 2010, 689, 145-153.	1.6	11
27	Lineage-specific cell death in postembryonic brain development of<i>Drosophila</i>. Development (Cambridge), 2009, 136, 3433-3442.	2.5	54
28	Postembryonic development of transit amplifying neuroblast lineages in the Drosophila brain. Neural Development, 2009, 4, 44.	2.4	101
29	Wingless and Hedgehog signaling pathways regulate orthodenticle and eyes absent during ocelli development in Drosophila. Developmental Biology, 2009, 329, 104-115.	2.0	40
30	Evolutionary conservation of mechanisms for neural regionalization, proliferation and interconnection in brain development. Biology Letters, 2009, 5, 112-116.	2.3	47
31	Amplification of neural stem cell proliferation by intermediate progenitor cells in Drosophila brain development. Neural Development, 2008, 3, 5.	2.4	340
32	Anteroposterior Regionalization of the Brain: Genetic and Comparative Aspects. Advances in Experimental Medicine and Biology, 2008, 628, 32-41.	1.6	31
33	Polycomb group genes are required for neural stem cell survival in postembryonic neurogenesis of Drosophila. Development (Cambridge), 2007, 134, 1091-1099.	2.5	55
34	Gene expression patterns in primary neuronal clusters of the Drosophila embryonic brain. Gene Expression Patterns, 2007, 7, 584-595.	0.8	57
35	The columnar gene vnd is required for tritocerebral neuromere formation during embryonic brain development of Drosophila. Development (Cambridge), 2006, 133, 4331-4339.	2.5	18
36	The<i>brain tumor</i>gene negatively regulates neural progenitor cell proliferation in the larval central brain of<i>Drosophila</i>. Development (Cambridge), 2006, 133, 2639-2648.	2.5	236

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37	A tripartite organization of the urbilaterian brain: Developmental genetic evidence from Drosophila. Brain Research Bulletin, 2005, 66, 491-494.	3.0	46
38	The egghead gene is required for compartmentalization in Drosophila optic lobe development. Developmental Biology, 2005, 287, 61-73.	2.0	24
39	Transcriptional signature of an adult brain tumor in Drosophila. BMC Genomics, 2004, 5, 24.	2.8	33
40	Hox gene cross-regulatory interactions in the embryonic brain of Drosophila. Mechanisms of Development, 2004, 121, 527-536.	1.7	20
41	The urbilaterian brain: developmental insights into the evolutionary origin of the brain in insects and vertebrates. Arthropod Structure and Development, 2003, 32, 141-156.	1.4	40
42	An urbilaterian origin of the tripartite brain: developmental genetic insights from<i>Drosophila</i>. Development (Cambridge), 2003, 130, 2365-2373.	2.5	182
43	Evolutionary conservation of otd/Otx2 transcription factor action: a genome-wide microarray analysis in Drosophila. Genome Biology, 2002, 3, research0015.1.	9.6	23
44	Gliogenesis in<i>Drosophila</i>: genome-wide analysis of downstream genes of<i>glial cells missing</i>in the embryonic nervous system. Development (Cambridge), 2002, 129, 3295-3309.	2.5	65
45	Conserved genetic mechanisms for embryonic brain patterning. International Journal of Developmental Biology, 2002, 46, 81-7.	0.6	25
46	Identification of candidate downstream genes for the homeodomain transcription factor Labial in Drosophila through oligonucleotide-array transcript imaging. Genome Biology, 2001, 2, research0015.1.	9.6	30
47	Expression and function of the LIM homeodomain protein Apterous during embryonic brain development of Drosophila. Development Genes and Evolution, 2001, 211, 545-554.	0.9	4
48	Developmental genetic evidence for a monophyletic origin of the bilaterian brain. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1533-1544.	4.0	86
49	OTD/OTX2 functional equivalence depends on 5â€² and 3â€² UTR-mediated control ofOtx2mRNA for nucleo-cytoplasmic export and epiblast-restricted translation. Development (Cambridge), 2001, 128, 4801-4813.	2.5	39
50	Expression, regulation and function of the homeobox gene empty spiracles in brain and ventral nerve cord development of Drosophila. Mechanisms of Development, 2000, 90, 143-153.	1.7	43
51	Conserved usage of gap and homeotic genes in patterning the CNS. Current Opinion in Neurobiology, 1999, 9, 589-595.	4.2	62
52	Conserved genetic programs in insect and mammalian brain development. BioEssays, 1999, 21, 677-684.	2.5	125
53	The wingless gene is required for embryonic brain development in Drosophila. Development Genes and Evolution, 1998, 208, 37-45.	0.9	18
54	The Genetics of Embryonic Brain Development inDrosophila. Molecular and Cellular Neurosciences, 1998, 12, 194-205.	2.2	25

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55	Building a brain: developmental insights in insects. Trends in Neurosciences, 1997, 20, 258-264.	8.6	84
56	Embryonic brain tract formation in Drosophila melanogaster. Development Genes and Evolution, 1997, 206, 536-540.	0.9	26
57	The zebrafish brain: a neuroanatomical comparison with the goldfish. Anatomy and Embryology, 1996, 194, 187-203.	1.5	88
58	Morphogenetic reorganization of the brain during embryogenesis in the grasshopper. Journal of Comparative Neurology, 1995, 361, 429-440.	1.6	30
59	Organization of a midline proliferative cluster in the embryonic brain of the grasshopper. Roux's Archives of Developmental Biology, 1995, 205, 45-53.	1.2	14
60	Developmental defects in brain segmentation caused by mutations of the homeobox genes orthodenticle and empty spiracles in Drosophila. Neuron, 1995, 15, 769-778.	8.1	188
61	Embryonic expression of muscle-specific antigens in the grasshopper Schistocerca gregaria. Roux's Archives of Developmental Biology, 1994, 204, 141-145.	1.2	5
62	Antibody block of a neural-tissue-specific glycoconjugate perturbs growth cone guidance of an identified interneuron in the grasshopper. Roux's Archives of Developmental Biology, 1994, 204, 75-78.	1.2	3
63	Early embryonic expression of a 60-kD glycoprotein in the developing nervous system of the lobster. Journal of Comparative Neurology, 1994, 346, 572-582.	1.6	10
64	Antibody block of a neural-tissue-specific glycoconjugate perturbs growth cone guidance of an identified interneuron in the grasshopper. Roux's Archives of Developmental Biology, 1994, 204, 75-78.	1.2	0
65	Embryonic development of muscle patterns in the body wall of the grasshopper. Roux's Archives of Developmental Biology, 1992, 201, 301-311.	1.2	16