

Volker Hartenstein

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

40,554
citations

56
h-index

183
g-index

183
ext. papers

54,793
ext. citations

6
avg, IF

7
L-index

#	Paper	IF	Citations
172	An atlas of the developing <i>Tribolium castaneum</i> brain reveals conservation in anatomy and divergence in timing to <i>Drosophila melanogaster</i> .. <i>Journal of Comparative Neurology</i> , 2022 ,	3.4	1
171	A visual pathway for skylight polarization processing in. <i>ELife</i> , 2021 , 10,	8.9	17
170	The role of cell lineage in the development of neuronal circuitry and function. <i>Developmental Biology</i> , 2021 , 475, 165-180	3.1	4
169	Structural aspects of the aging invertebrate brain. <i>Cell and Tissue Research</i> , 2021 , 383, 931-947	4.2	1
168	Identification of Dopaminergic Neurons That Can Both Establish Associative Memory and Acutely Terminate Its Behavioral Expression. <i>Journal of Neuroscience</i> , 2020 , 40, 5990-6006	6.6	10
167	Serial electron microscopic reconstruction of the drosophila larval eye: Photoreceptors with a rudimentary rhabdome of microvillar-like processes. <i>Developmental Biology</i> , 2019 , 453, 56-67	3.1	
166	Development of the Nervous System of Invertebrates 2019 , 70-122		1
165	Expression-Based Cell Lineage Analysis in Through a Course-Based Research Experience for Early Undergraduates. <i>G3: Genes, Genomes, Genetics</i> , 2019 , 9, 3791-3800	3.2	4
164	Mechanisms of cnidocyte development in the moon jellyfish <i>Aurelia</i> . <i>Evolution & Development</i> , 2019 , 21, 72-81	2.6	3
163	Developmentally Arrested Precursors of Pontine Neurons Establish an Embryonic Blueprint of the <i>Drosophila</i> Central Complex. <i>Current Biology</i> , 2019 , 29, 412-425.e3	6.3	11
162	Recurrent Circuitry for Balancing Sleep Need and Sleep. <i>Neuron</i> , 2018 , 97, 378-389.e4	13.9	97
161	Role of neoblasts in the patterned postembryonic growth of the platyhelminth. <i>Neurogenesis (Austin, Tex)</i> , 2018 , 5, e14699441-e14699449		0
160	Structure and development of the subesophageal zone of the <i>Drosophila</i> brain. I. Segmental architecture, compartmentalization, and lineage anatomy. <i>Journal of Comparative Neurology</i> , 2018 , 526, 6-32	3.4	17
159	Structure and development of the subesophageal zone of the <i>Drosophila</i> brain. II. Sensory compartments. <i>Journal of Comparative Neurology</i> , 2018 , 526, 33-58	3.4	19
158	Mitochondrial dynamics regulates <i>Drosophila</i> intestinal stem cell differentiation. <i>Cell Death Discovery</i> , 2018 , 4, 17	6.9	16
157	Neuronal Constituents and Putative Interactions Within the Ellipsoid Body Neuropil. <i>Frontiers in Neural Circuits</i> , 2018 , 12, 103	3.5	40
156	Connecting the nervous and the immune systems in evolution. <i>Communications Biology</i> , 2018 , 1, 64	6.7	15

155	Spatio-temporal pattern of neuronal differentiation in the <i>Drosophila</i> visual system: A user's guide to the dynamic morphology of the developing optic lobe. <i>Developmental Biology</i> , 2017 , 428, 1-24	3.1	21
154	Visual Input to the <i>Drosophila</i> Central Complex by Developmentally and Functionally Distinct Neuronal Populations. <i>Current Biology</i> , 2017 , 27, 1098-1110	6.3	96
153	Development of the anterior visual input pathway to the <i>Drosophila</i> central complex. <i>Journal of Comparative Neurology</i> , 2017 , 525, 3458-3475	3.4	13
152	bHLH proneural genes as cell fate determinants of entero-endocrine cells, an evolutionarily conserved lineage sharing a common root with sensory neurons. <i>Developmental Biology</i> , 2017 , 431, 36-47 ^{3.1}	3.1	7
151	A conserved plan for wiring up the fan-shaped body in the grasshopper and <i>Drosophila</i> . <i>Development Genes and Evolution</i> , 2017 , 227, 253-269	1.8	13
150	Developmental analysis of the dopamine-containing neurons of the <i>Drosophila</i> brain. <i>Journal of Comparative Neurology</i> , 2017 , 525, 363-379	3.4	21
149	Cell tracking supports secondary gastrulation in the moon jellyfish <i>Aurelia</i> . <i>Development Genes and Evolution</i> , 2016 , 226, 383-387	1.8	8
148	Origin and dynamic lineage characteristics of the developing <i>Drosophila</i> midgut stem cells. <i>Developmental Biology</i> , 2016 , 416, 347-60	3.1	9
147	A Conserved Developmental Mechanism Builds Complex Visual Systems in Insects and Vertebrates. <i>Current Biology</i> , 2016 , 26, R1001-R1009	6.3	20
146	Metamorphosis of the <i>Drosophila</i> visceral musculature and its role in intestinal morphogenesis and stem cell formation. <i>Developmental Biology</i> , 2016 , 420, 43-59	3.1	16
145	A genome-wide resource for the analysis of protein localisation in <i>Drosophila</i> . <i>ELife</i> , 2016 , 5, e12068	8.9	193
144	Patterns of growth and tract formation during the early development of secondary lineages in the <i>Drosophila</i> larval brain. <i>Developmental Neurobiology</i> , 2016 , 76, 434-51	3.2	10
143	The Central Nervous System of Invertebrates 2016 , 173-235		0
142	Origins of glial cell populations in the insect nervous system. <i>Current Opinion in Insect Science</i> , 2016 , 18, 96-104	5.1	10
141	The evolution of early neurogenesis. <i>Developmental Cell</i> , 2015 , 32, 390-407	10.2	82
140	Lineage-associated tracts defining the anatomy of the <i>Drosophila</i> first instar larval brain. <i>Developmental Biology</i> , 2015 , 406, 14-39	3.1	15
139	Origin and development of neuropil glia of the <i>Drosophila</i> larval and adult brain: Two distinct glial populations derived from separate progenitors. <i>Developmental Biology</i> , 2015 , 404, 2-20	3.1	32
138	Hydroxyurea-mediated neuroblast ablation establishes birth dates of secondary lineages and addresses neuronal interactions in the developing <i>Drosophila</i> brain. <i>Developmental Biology</i> , 2015 , 402, 32-47	3.1	12

137	Hexapoda: A Drosophila View of Development 2015 , 1-91		5
136	Functional brain regeneration in the acoel worm <i>Symsagittifera roscoffensis</i> . <i>Biology Open</i> , 2015 , 4, 1688-95		10
135	Structural and Developmental Disparity in the Tentacles of the Moon Jellyfish <i>Aurelia</i> sp.1. <i>PLoS ONE</i> , 2015 , 10, e0134741	3.7	13
134	Rhomboid Enhancer Activity Defines a Subset of <i>Drosophila</i> Neural Precursors Required for Proper Feeding, Growth and Viability. <i>PLoS ONE</i> , 2015 , 10, e0134915	3.7	1
133	A systematic nomenclature for the insect brain. <i>Neuron</i> , 2014 , 81, 755-65	13.9	407
132	From blood to brain: the neurogenic niche of the crayfish brain. <i>Developmental Cell</i> , 2014 , 30, 253-4	10.2	3
131	Neuroblast lineage identification and lineage-specific Hox gene action during postembryonic development of the subesophageal ganglion in the <i>Drosophila</i> central brain. <i>Developmental Biology</i> , 2014 , 390, 102-15	3.1	22
130	A map of brain neuropils and fiber systems in the ant <i>Cardiocondyla obscurior</i> . <i>Frontiers in Neuroanatomy</i> , 2014 , 8, 166	3.6	13
129	The chimerical and multifaceted marine acoel <i>Symsagittifera roscoffensis</i> : from photosymbiosis to brain regeneration. <i>Frontiers in Microbiology</i> , 2014 , 5, 498	5.7	23
128	Developmental plasticity, straight from the worm's mouth. <i>Cell</i> , 2013 , 155, 742-3	56.2	1
127	Spatial expression of transcription factors in <i>Drosophila</i> embryonic organ development. <i>Genome Biology</i> , 2013 , 14, R140	18.3	87
126	The urbilaterian brain revisited: novel insights into old questions from new flatworm clades. <i>Development Genes and Evolution</i> , 2013 , 223, 149-57	1.8	19
125	Stem cells and lineages of the intestine: a developmental and evolutionary perspective. <i>Development Genes and Evolution</i> , 2013 , 223, 85-102	1.8	50
124	Hematopoiesis and hematopoietic organs in arthropods. <i>Development Genes and Evolution</i> , 2013 , 223, 103-15	1.8	47
123	Postembryonic lineages of the <i>Drosophila</i> brain: I. Development of the lineage-associated fiber tracts. <i>Developmental Biology</i> , 2013 , 384, 228-57	3.1	42
122	Postembryonic lineages of the <i>Drosophila</i> brain: II. Identification of lineage projection patterns based on MARCM clones. <i>Developmental Biology</i> , 2013 , 384, 258-89	3.1	37
121	The proteoglycan Trol controls the architecture of the extracellular matrix and balances proliferation and differentiation of blood progenitors in the <i>Drosophila</i> lymph gland. <i>Developmental Biology</i> , 2013 , 384, 301-12	3.1	39
120	Neuroblast lineage-specific origin of the neurons of the <i>Drosophila</i> larval olfactory system. <i>Developmental Biology</i> , 2013 , 373, 322-37	3.1	28

119	Initial neurogenesis in <i>Drosophila</i> . <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2013 , 2, 701-215.9		37
118	Migration of <i>Drosophila</i> intestinal stem cells across organ boundaries. <i>Development (Cambridge)</i> , 2013 , 140, 1903-11	6.6	27
117	TrakEM2 software for neural circuit reconstruction. <i>PLoS ONE</i> , 2012 , 7, e38011	3.7	564
116	Fiji: an open-source platform for biological-image analysis. <i>Nature Methods</i> , 2012 , 9, 676-82	21.6	27799
115	Genetic control of intestinal stem cell specification and development: a comparative view. <i>Stem Cell Reviews and Reports</i> , 2012 , 8, 597-608	6.4	39
114	Development of the <i>Drosophila</i> entero-endocrine lineage and its specification by the Notch signaling pathway. <i>Developmental Biology</i> , 2011 , 353, 161-72	3.1	50
113	The convergence of Notch and MAPK signaling specifies the blood progenitor fate in the <i>Drosophila</i> mesoderm. <i>Developmental Biology</i> , 2011 , 353, 105-18	3.1	23
112	Boule-like genes regulate male and female gametogenesis in the flatworm <i>Macrostomum lignano</i> . <i>Developmental Biology</i> , 2011 , 357, 117-32	3.1	37
111	The <i>Drosophila</i> larval visual system: high-resolution analysis of a simple visual neuropil. <i>Developmental Biology</i> , 2011 , 358, 33-43	3.1	48
110	A novel tissue in an established model system: the <i>Drosophila</i> pupal midgut. <i>Development Genes and Evolution</i> , 2011 , 221, 69-81	1.8	37
109	Hematopoiesis at the onset of metamorphosis: terminal differentiation and dissociation of the <i>Drosophila</i> lymph gland. <i>Development Genes and Evolution</i> , 2011 , 221, 121-31	1.8	84
108	Bazooka mediates secondary axon morphology in <i>Drosophila</i> brain lineages. <i>Neural Development</i> , 2011 , 6, 16	3.9	12
107	Morphological diversity and development of glia in <i>Drosophila</i> . <i>Glia</i> , 2011 , 59, 1237-52	9	86
106	Lineage-based analysis of the development of the central complex of the <i>Drosophila</i> brain. <i>Journal of Comparative Neurology</i> , 2011 , 519, 661-89	3.4	21
105	Identifying neuronal lineages of <i>Drosophila</i> by sequence analysis of axon tracts. <i>Journal of Neuroscience</i> , 2010 , 30, 7538-53	6.6	46
104	An integrated micro- and macroarchitectural analysis of the <i>Drosophila</i> brain by computer-assisted serial section electron microscopy. <i>PLoS Biology</i> , 2010 , 8, e1000502	9.7	247
103	Concomitant requirement for Notch and Jak/Stat signaling during neuro-epithelial differentiation in the <i>Drosophila</i> optic lobe. <i>Developmental Biology</i> , 2010 , 346, 284-95	3.1	62
102	The <i>Drosophila</i> neural lineages: a model system to study brain development and circuitry. <i>Development Genes and Evolution</i> , 2010 , 220, 1-10	1.8	45

101	Structure of the central nervous system of a juvenile acoel, <i>Symsagittifera roscoffensis</i> . <i>Development Genes and Evolution</i> , 2010 , 220, 61-76	1.8	42
100	Conserved genetic pathways controlling the development of the diffuse endocrine system in vertebrates and <i>Drosophila</i> . <i>General and Comparative Endocrinology</i> , 2010 , 166, 462-9	3	13
99	Compartmentalization of the precheliceral neuroectoderm in the spider <i>Cupiennius salei</i> : development of the arcuate body, optic ganglia, and mushroom body. <i>Journal of Comparative Neurology</i> , 2010 , 518, 2612-32	3.4	31
98	Development-based compartmentalization of the <i>Drosophila</i> central brain. <i>Journal of Comparative Neurology</i> , 2010 , 518, 2996-3023	3.4	50
97	Evolutionary origin of rhopalia: insights from cellular-level analyses of Otx and POU expression patterns in the developing rhopalial nervous system. <i>Evolution & Development</i> , 2010 , 12, 404-15	2.6	33
96	CATMAID: collaborative annotation toolkit for massive amounts of image data. <i>Bioinformatics</i> , 2009 , 25, 1984-6	7.2	222
95	To be or not to be a flatworm: the acoel controversy. <i>PLoS ONE</i> , 2009 , 4, e5502	3.7	81
94	Neuronal fiber tracts connecting the brain and ventral nerve cord of the early <i>Drosophila</i> larva. <i>Journal of Comparative Neurology</i> , 2009 , 515, 427-40	3.4	24
93	Arborization pattern of engrailed-positive neural lineages reveal neuromere boundaries in the <i>Drosophila</i> brain neuropil. <i>Journal of Comparative Neurology</i> , 2009 , 517, 87-104	3.4	24
92	Development of the rhopalial nervous system in <i>Aurelia</i> sp.1 (Cnidaria, Scyphozoa). <i>Development Genes and Evolution</i> , 2009 , 219, 301-17	1.8	42
91	G-TRACE: rapid Gal4-based cell lineage analysis in <i>Drosophila</i> . <i>Nature Methods</i> , 2009 , 6, 603-5	21.6	222
90	Eye evolution at high resolution: the neuron as a unit of homology. <i>Developmental Biology</i> , 2009 , 332, 70-9	3.1	45
89	<i>Drosophila</i> E-cadherin and its binding partner Armadillo/ beta-catenin are required for axonal pathway choices in the developing larval brain. <i>Developmental Biology</i> , 2009 , 332, 371-82	3.1	10
88	Patterns of growth, axonal extension and axonal arborization of neuronal lineages in the developing <i>Drosophila</i> brain. <i>Developmental Biology</i> , 2009 , 335, 289-304	3.1	42
87	<i>Drosophila</i> cortex and neuropile glia influence secondary axon tract growth, pathfinding, and fasciculation in the developing larval brain. <i>Developmental Biology</i> , 2009 , 334, 355-68	3.1	30
86	The behaviour of <i>Drosophila</i> adult hindgut stem cells is controlled by Wnt and Hh signalling. <i>Nature</i> , 2008 , 454, 651-5	50.4	148
85	Conserved role of the <i>Vsx</i> genes supports a monophyletic origin for bilaterian visual systems. <i>Current Biology</i> , 2008 , 18, 1278-87	6.3	35
84	The development of the <i>Drosophila</i> larval brain. <i>Advances in Experimental Medicine and Biology</i> , 2008 , 628, 1-31	3.6	73

83	Flatworm stem cells and the germ line: developmental and evolutionary implications of macvasa expression in <i>Macrostomum lignano</i> . <i>Developmental Biology</i> , 2008 , 319, 146-59	3.1	86
82	Modeling the Developing <i>Drosophila</i> Brain: Rationale, Technique, and Application. <i>BioScience</i> , 2008 , 58, 823-836	5.7	8
81	Early development, pattern, and reorganization of the planula nervous system in <i>Aurelia</i> (Cnidaria, Scyphozoa). <i>Development Genes and Evolution</i> , 2008 , 218, 511-24	1.8	47
80	Embryonic development and metamorphosis of the scyphozoan <i>Aurelia</i> . <i>Development Genes and Evolution</i> , 2008 , 218, 525-39	1.8	54
79	Expression profile of the cadherin family in the developing <i>Drosophila</i> brain. <i>Journal of Comparative Neurology</i> , 2008 , 506, 469-88	3.4	34
78	The emergence of patterned movement during late embryogenesis of <i>Drosophila</i> . <i>Developmental Neurobiology</i> , 2007 , 67, 1669-85	3.2	32
77	The exceptional stem cell system of <i>Macrostomum lignano</i> : screening for gene expression and studying cell proliferation by hydroxyurea treatment and irradiation. <i>Frontiers in Zoology</i> , 2007 , 4, 9	2.8	54
76	A Hedgehog- and Antennapedia-dependent niche maintains <i>Drosophila</i> haematopoietic precursors. <i>Nature</i> , 2007 , 446, 320-4	50.4	221
75	Gene expression patterns in primary neuronal clusters of the <i>Drosophila</i> embryonic brain. <i>Gene Expression Patterns</i> , 2007 , 7, 584-95	1.5	40
74	Neurobiology of the basal platyhelminth <i>Macrostomum lignano</i> : map and digital 3D model of the juvenile brain neuropile. <i>Development Genes and Evolution</i> , 2007 , 217, 569-84	1.8	32
73	Genetic Dissection of Hematopoiesis Using <i>Drosophila</i> as a Model System. <i>Advances in Developmental Biology (Amsterdam, Netherlands)</i> , 2007 , 259-299		6
72	Evolution of sensory structures in basal metazoa. <i>Integrative and Comparative Biology</i> , 2007 , 47, 712-23	2.8	61
71	Tracheal development in the <i>Drosophila</i> brain is constrained by glial cells. <i>Developmental Biology</i> , 2007 , 302, 169-80	3.1	39
70	Specification and development of the pars intercerebralis and pars lateralis, neuroendocrine command centers in the <i>Drosophila</i> brain. <i>Developmental Biology</i> , 2007 , 302, 309-23	3.1	120
69	Global analysis of patterns of gene expression during <i>Drosophila</i> embryogenesis. <i>Genome Biology</i> , 2007 , 8, R145	18.3	307
68	The hematopoietic stem cell and its niche: a comparative view. <i>Genes and Development</i> , 2007 , 21, 3044-60	2.6	163
67	The blood/vascular system in a phylogenetic perspective. <i>BioEssays</i> , 2006 , 28, 1203-10	4.1	63
66	Genetic analysis of early neurogenesis: dedicated to the scientific contributions of Jose A. Campos-Ortega (1940-2004). <i>Developmental Dynamics</i> , 2006 , 235, 2003-8	2.9	4

65	Embryonic origin of the Drosophila brain neuropile. <i>Journal of Comparative Neurology</i> , 2006 , 497, 981-983,4	48
64	An efficient promoter trap for detection of patterned gene expression and subsequent functional analysis in Drosophila. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17813-7	11.5 10
63	Neural lineages of the Drosophila brain: a three-dimensional digital atlas of the pattern of lineage location and projection at the late larval stage. <i>Journal of Neuroscience</i> , 2006 , 26, 5534-53	6.6 111
62	The Muscle Pattern of Drosophila 2006 , 8-27	5
61	The neuroendocrine system of invertebrates: a developmental and evolutionary perspective. <i>Journal of Endocrinology</i> , 2006 , 190, 555-70	4.7 185
60	Blood cells and blood cell development in the animal kingdom. <i>Annual Review of Cell and Developmental Biology</i> , 2006 , 22, 677-712	12.6 179
59	Subdivision and developmental fate of the head mesoderm in Drosophila melanogaster. <i>Development Genes and Evolution</i> , 2006 , 216, 39-51	1.8 30
58	Early embryogenesis of planaria: a cryptic larva feeding on maternal resources. <i>Development Genes and Evolution</i> , 2006 , 216, 667-81	1.8 42
57	The Macrostomum lignano EST database as a molecular resource for studying platyhelminth development and phylogeny. <i>Development Genes and Evolution</i> , 2006 , 216, 695-707	1.8 23
56	Regulation of cell adhesion in the Drosophila embryo by phosphorylation of the cadherin-catenin-complex. <i>Cell and Tissue Research</i> , 2006 , 324, 157-66	4.2 5
55	Morphogenesis and proliferation of the larval brain glia in Drosophila. <i>Developmental Biology</i> , 2005 , 283, 191-203	3.1 113
54	The embryonic development of the triclad Schmidtea polychroa. <i>Development Genes and Evolution</i> , 2005 , 215, 109-31	1.8 62
53	Evidence for a fruit fly hemangioblast and similarities between lymph-gland hematopoiesis in fruit fly and mammal aorta-gonadal-mesonephros mesoderm. <i>Nature Genetics</i> , 2004 , 36, 1019-23	36.3 163
52	The embryonic development of the flatworm Macrostomum sp. <i>Development Genes and Evolution</i> , 2004 , 214, 220-39	1.8 49
51	sine oculis in basal Metazoa. <i>Development Genes and Evolution</i> , 2004 , 214, 342-51	1.8 48
50	Role of FGFR signaling in the morphogenesis of the Drosophila visceral musculature. <i>Developmental Dynamics</i> , 2004 , 231, 342-8	2.9 18
49	Digital three-dimensional models of Drosophila development. <i>Current Opinion in Genetics and Development</i> , 2004 , 14, 382-91	4.9 19
48	The role of DE-cadherin during cellularization, germ layer formation and early neurogenesis in the Drosophila embryo. <i>Developmental Biology</i> , 2004 , 270, 350-63	3.1 35

47	Embryonic development of the <i>Drosophila</i> corpus cardiacum, a neuroendocrine gland with similarity to the vertebrate pituitary, is controlled by sine oculis and glass. <i>Developmental Biology</i> , 2004 , 274, 280-94	3.1	52
46	Role of DE-cadherin in neuroblast proliferation, neural morphogenesis, and axon tract formation in <i>Drosophila</i> larval brain development. <i>Journal of Neuroscience</i> , 2003 , 23, 3325-35	6.6	96
45	The embryonic development of the bodywall and nervous system of the cestode flatworm <i>Hymenolepis diminuta</i> . <i>Cell and Tissue Research</i> , 2003 , 311, 427-35	4.2	17
44	Development of neural lineages derived from the sine oculis positive eye field of <i>Drosophila</i> . <i>Arthropod Structure and Development</i> , 2003 , 32, 303-17	1.8	17
43	Early development of the <i>Drosophila</i> brain: III. The pattern of neuropile founder tracts during the larval period. <i>Journal of Comparative Neurology</i> , 2003 , 455, 417-34	3.4	103
42	Early development of the <i>Drosophila</i> brain: IV. Larval neuropile compartments defined by glial septa. <i>Journal of Comparative Neurology</i> , 2003 , 455, 435-50	3.4	65
41	Early development of the <i>Drosophila</i> brain: V. Pattern of postembryonic neuronal lineages expressing DE-cadherin. <i>Journal of Comparative Neurology</i> , 2003 , 455, 451-62	3.4	61
40	Antagonistic relationship between Dpp and EGFR signaling in <i>Drosophila</i> head patterning. <i>Developmental Biology</i> , 2003 , 263, 103-13	3.1	24
39	Thicker than blood: conserved mechanisms in <i>Drosophila</i> and vertebrate hematopoiesis. <i>Developmental Cell</i> , 2003 , 5, 673-90	10.2	317
38	Embryonic development in the primitive bilaterian <i>Neochildia fusca</i> : normal morphogenesis and isolation of POU genes <i>Brn-1</i> and <i>Brn-3</i> . <i>Development Genes and Evolution</i> , 2002 , 212, 55-69	1.8	47
37	Homologies between vertebrate and invertebrate eyes. <i>Results and Problems in Cell Differentiation</i> , 2002 , 37, 219-55	1.4	18
36	Systematic determination of patterns of gene expression during <i>Drosophila</i> embryogenesis. <i>Genome Biology</i> , 2002 , 3, RESEARCH0088	18.3	487
35	Interaction between EGFR signaling and DE-cadherin during nervous system morphogenesis. <i>Development (Cambridge)</i> , 2002 , 129, 3983-3994	6.6	41
34	Interaction between EGFR signaling and DE-cadherin during nervous system morphogenesis. <i>Development (Cambridge)</i> , 2002 , 129, 3983-94	6.6	24
33	The embryonic development of the temnocephalid flatworms <i>Craspedella pedum</i> and <i>Diceratocephala boschmai</i> . <i>Cell and Tissue Research</i> , 2001 , 304, 295-310	4.2	15
32	Embryonic development of the nervous system of the temnocephalid flatworm <i>Craspedella pedum</i> . <i>Journal of Comparative Neurology</i> , 2001 , 434, 56-68	3.4	19
31	Dpp and Hh signaling in the <i>Drosophila</i> embryonic eye field. <i>Development (Cambridge)</i> , 2001 , 128, 4691-4704	6.6	63
30	Embryonic development of the nervous system of the rhabdocoel flatworm <i>Mesostoma lingua</i> (Abilgaard, 1789). <i>Journal of Comparative Neurology</i> , 2000 , 416, 461-74	3.4	25

29	Specification of Drosophila hematopoietic lineage by conserved transcription factors. <i>Science</i> , 2000 , 288, 146-9	33.3	378
28	Embryonic development of the Drosophila brain. I. Pattern of pioneer tracts. <i>Journal of Comparative Neurology</i> , 1998 , 402, 10-31	3.4	84
27	Embryonic development of the Drosophila brain. II. Pattern of glial cells. <i>Journal of Comparative Neurology</i> , 1998 , 402, 32-47	3.4	65
26	Embryonic development of the Drosophila brain. I. Pattern of pioneer tracts 1998 , 402, 10		1
25	Control of early neurogenesis of the Drosophila brain by the head gap genes <i>tll</i> , <i>otd</i> , <i>ems</i> , and <i>btd</i> . <i>Developmental Biology</i> , 1997 , 182, 270-83	3.1	128
24	Development of the insect stomatogastric nervous system. <i>Trends in Neurosciences</i> , 1997 , 20, 421-7	13.3	76
23	Introduction to insect sensory organs as a model system in sensory physiology and developmental biology. <i>Microscopy Research and Technique</i> , 1997 , 39, 467-9	2.8	5
22	Structure and spatial pattern of the sensilla of the body segments of insect larvae. <i>Microscopy Research and Technique</i> , 1997 , 39, 470-8	2.8	10
21	Pattern, time of birth, and morphogenesis of sensillum progenitors in Drosophila. <i>Microscopy Research and Technique</i> , 1997 , 39, 479-91	2.8	14
20	The Embryonic Development of Drosophila melanogaster 1997 ,		380
19	Early neurogenesis of the Drosophila brain. <i>Journal of Comparative Neurology</i> , 1996 , 370, 313-29	3.4	140
18	Embryonic origin and differentiation of the Drosophila heart. <i>Roux's Archives of Developmental Biology</i> , 1994 , 203, 266-280		137
17	Embryonic development of the stomatogastric nervous system in Drosophila. <i>Journal of Comparative Neurology</i> , 1994 , 350, 367-81	3.4	53
16	The Drosophila <i>sine oculis</i> locus encodes a homeodomain-containing protein required for the development of the entire visual system. <i>Neuron</i> , 1994 , 12, 977-96	13.9	458
15	The development of cellular junctions in the Drosophila embryo. <i>Developmental Biology</i> , 1994 , 161, 563-96	3.6	385
14	Early pattern of neuronal differentiation in the Xenopus embryonic brainstem and spinal cord. <i>Journal of Comparative Neurology</i> , 1993 , 328, 213-31	3.4	95
13	Embryonic origin of the imaginal discs of the head of Drosophila melanogaster. <i>Roux's Archives of Developmental Biology</i> , 1993 , 203, 60-73		50
12	The embryonic development of the Drosophila visual system. <i>Cell and Tissue Research</i> , 1993 , 273, 583-98	4.2	189

11	Studying <i>Drosophila</i> embryogenesis with P-lacZ enhancer trap lines. <i>Rouxls Archives of Developmental Biology</i> , 1992 , 201, 194-220		108
10	Neuronal determination without cell division in <i>Xenopus</i> embryos. <i>Neuron</i> , 1991 , 6, 499-515	13.9	214
9	Sensillum development in the absence of cell division: the sensillum phenotype of the <i>Drosophila</i> mutant string. <i>Developmental Biology</i> , 1990 , 138, 147-58	3.1	54
8	Early neurogenesis in <i>Xenopus</i> : the spatio-temporal pattern of proliferation and cell lineages in the embryonic spinal cord. <i>Neuron</i> , 1989 , 3, 399-411	13.9	176
7	The pattern of proliferation of the neuroblasts in the wild-type embryo of <i>Drosophila melanogaster</i> . <i>Rouxls Archives of Developmental Biology</i> , 1987 , 196, 473-485		121
6	Fate-mapping in wild-type <i>Drosophila melanogaster</i> . <i>Wilhelm Rouxls Archives of Developmental Biology</i> , 1985 , 194, 181-195		115
5	The Embryonic Development of <i>Drosophila melanogaster</i> 1985 ,		698
4	Early neurogenesis in wild-type <i>Drosophila melanogaster</i> . <i>Wilhelm Rouxls Archives of Developmental Biology</i> , 1984 , 193, 308-325		271
3	A visual pathway for skylight polarization processing in <i>Drosophila</i>		3
2	Neurotransmitter Classification from Electron Microscopy Images at Synaptic Sites in <i>Drosophila</i>		12
1	Neuronal constituents and putative interactions within the <i>Drosophila</i> ellipsoid body neuropil		2