

Rolf Urbach

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,226
citations

516710

16
h-index

713466

21
g-index

23
all docs

23
docs citations

23
times ranked

764
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular markers for identified neuroblasts in the developing brain of <i>Drosophila</i> . <i>Development</i> (Cambridge), 2003, 130, 3621-3637.	2.5	205
2	Six3 demarcates the anterior-most developing brain region in bilaterian animals. <i>EvoDevo</i> , 2010, 1, 14.	3.2	149
3	Neuroblast formation and patterning during early brain development in <i>Drosophila</i> . <i>BioEssays</i> , 2004, 26, 739-751.	2.5	123
4	The pattern of neuroblast formation, mitotic domains and proneural gene expression during early brain development in <i>Drosophila</i> . <i>Development</i> (Cambridge), 2003, 130, 3589-3606.	2.5	112
5	Generation of cell diversity and segmental pattern in the embryonic central nervous system of <i>Drosophila</i> . <i>Developmental Dynamics</i> , 2006, 235, 861-869.	1.8	107
6	Segment polarity and DV patterning gene expression reveals segmental organization of the <i>Drosophila</i> brain. <i>Development</i> (Cambridge), 2003, 130, 3607-3620.	2.5	95
7	Early steps in building the insect brain: neuroblast formation and segmental patterning in the developing brain of different insect species. <i>Arthropod Structure and Development</i> , 2003, 32, 103-123.	1.4	88
8	Origin of <i>Drosophila</i> mushroom body neuroblasts and generation of divergent embryonic lineages. <i>Development</i> (Cambridge), 2012, 139, 2510-2522.	2.5	77
9	Neuroblast pattern and identity in the <i>Drosophila</i> tail region and role of <i>doublesex</i> in the survival of sex-specific precursors. <i>Development</i> (Cambridge), 2013, 140, 1830-1842.	2.5	48
10	Dorsoventral Patterning of the Brain: A Comparative Approach. <i>Advances in Experimental Medicine and Biology</i> , 2008, 628, 42-56.	1.6	35
11	A procephalic territory in <i>Drosophila</i> exhibiting similarities and dissimilarities compared to the vertebrate midbrain/hindbrain boundary region. <i>Neural Development</i> , 2007, 2, 23.	2.4	28
12	Spatial and temporal pattern of neuroblasts, proliferation, and <i>Engrailed</i> expression during early brain development in <i>Tenebrio molitor</i> L. (Coleoptera). <i>Arthropod Structure and Development</i> , 2003, 32, 125-140.	1.4	23
13	Segment-specific requirements for dorsoventral patterning genes during early brain development in <i>Drosophila</i> . <i>Development</i> (Cambridge), 2006, 133, 4315-4330.	2.5	22
14	Gene expression profiles uncover individual identities of gnathal neuroblasts and serial homologies in the embryonic CNS of <i>Drosophila</i> . <i>Development</i> (Cambridge), 2016, 143, 1290-1301.	2.5	22
15	Retinal homeobox promotes cell growth, proliferation and survival of mushroom body neuroblasts in the <i>Drosophila</i> brain. <i>Mechanisms of Development</i> , 2016, 142, 50-61.	1.7	20
16	The columnar gene <i>vnd</i> is required for tritocerebral neuromere formation during embryonic brain development of <i>Drosophila</i> . <i>Development</i> (Cambridge), 2006, 133, 4331-4339.	2.5	18
17	Role of <i>en</i> and novel interactions between <i>msh</i> , <i>ind</i> , and <i>vnd</i> in dorsoventral patterning of the <i>Drosophila</i> brain and ventral nerve cord. <i>Developmental Biology</i> , 2010, 346, 332-345.	2.0	17
18	The p21-activated kinase <i>Mbt</i> is a component of the apical protein complex in central brain neuroblasts and controls cell proliferation. <i>Development</i> (Cambridge), 2013, 140, 1871-1881.	2.5	13

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19	Ems and Nkx6 are central regulators in dorsoventral patterning of the <i>Drosophila</i> brain. <i>Development</i> (Cambridge), 2009, 136, 3937-3947.	2.5	12
20	Genetic regulation and function of epidermal growth factor receptor signalling in patterning of the embryonic <i>Drosophila</i> brain. <i>Open Biology</i> , 2016, 6, 160202.	3.6	7
21	Non-fluorescent RNA In Situ Hybridization Combined with Antibody Staining to Visualize Multiple Gene Expression Patterns in the Embryonic Brain of <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2014, 1082, 19-35.	0.9	3
22	Nonfluorescent RNA In Situ Hybridization Combined with Antibody Staining to Visualize Multiple Gene Expression Patterns in the Embryonic Brain of <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2020, 2047, 97-113.	0.9	2
23	Analysis of Complete Neuroblast Cell Lineages in the <i>Drosophila</i> Embryonic Brain via Dil Labeling. <i>Methods in Molecular Biology</i> , 2020, 2047, 115-135.	0.9	0