

Hermann Aberle

List of Publications by Year in descending order

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29
papers

6,081
citations

361296

20
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501076

28
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docs citations

29
times ranked

6750
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic monitoring of vital functions and tissue re-organization in <i>Saturnia pavonia</i> (Lepidoptera.) Tj ETQq1 1 0.784314 rgBJ /Overlock	1.6	3
2	Rearrangements in the musculature correlate with jumping behaviour in legless Mediterranean fruit fly larvae <i>Ceratitis capitata</i> (Tephritidae). <i>Scientific Reports</i> , 2022, 12, 7457.	1.6	3
3	Misregulation of <i>Drosophila</i> Sidestep Leads to Uncontrolled Wiring of the Adult Neuromuscular System and Severe Locomotion Defects. <i>Frontiers in Neural Circuits</i> , 2021, 15, 658791.	1.4	3
4	Axon Guidance and Collective Cell Migration by Substrate-Derived Attractants. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 148.	1.4	17
5	Sidestep-induced neuromuscular miswiring causes severe locomotion defects in <i>Drosophila</i> larvae. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	10
6	Impaired protein translation in <i>Drosophila</i> models for Charcotâ€“Marieâ€“Tooth neuropathy caused by mutant tRNA synthetases. <i>Nature Communications</i> , 2015, 6, 7520.	5.8	102
7	Hierarchical Microtubule Organization Controls Axon Caliber and Transport and Determines Synaptic Structure and Stability. <i>Developmental Cell</i> , 2015, 33, 5-21.	3.1	78
8	The PIKE Homolog Centaurin gamma Regulates Developmental Timing in <i>Drosophila</i> . <i>PLoS ONE</i> , 2014, 9, e97332.	1.1	6
9	Redox switch for actin. <i>Nature Cell Biology</i> , 2013, 15, 1403-1404.	4.6	3
10	Cooperation of Syd-1 with Neurexin synchronizes pre- with postsynaptic assembly. <i>Nature Neuroscience</i> , 2012, 15, 1219-1226.	7.1	108
11	The synaptic cytoskeleton in development and disease. <i>Developmental Neurobiology</i> , 2012, 72, 111-125.	1.5	49
12	<i>Drosophila</i> Neuroligin 1 Promotes Growth and Postsynaptic Differentiation at Glutamatergic Neuromuscular Junctions. <i>Neuron</i> , 2010, 66, 724-738.	3.8	132
13	<i>Drosophila</i> motor axons recognize and follow a Sidestep-labeled substrate pathway to reach their target fields. <i>Genes and Development</i> , 2009, 23, 1052-1062.	2.7	52
14	No Sidesteps on a beaten track. <i>Cell Adhesion and Migration</i> , 2009, 3, 358-360.	1.1	0
15	Searching for guidance cues: Follow the Sidestep trail. <i>Fly</i> , 2009, 3, 270-273.	0.9	9
16	<i>Drosophila</i> Ankyrin 2 Is Required for Synaptic Stability. <i>Neuron</i> , 2008, 58, 210-222.	3.8	127
17	<i>Drosophila</i> MICAL regulates myofilament organization and synaptic structure. <i>Mechanisms of Development</i> , 2007, 124, 390-406.	1.7	57
18	At the next stop sign turn right: the metalloprotease Tolloid-related 1 controls defasciculation of motor axons in <i>Drosophila</i> . <i>Development (Cambridge)</i> , 2006, 133, 4035-4044.	1.2	28

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19	The expression pattern of the Drosophila vesicular glutamate transporter: A marker protein for motoneurons and glutamatergic centers in the brain. <i>Gene Expression Patterns</i> , 2006, 6, 299-309.	0.3	253
20	Highwire Regulates Presynaptic BMP Signaling Essential for Synaptic Growth. <i>Neuron</i> , 2004, 41, 891-905.	3.8	212
21	wishful thinking Encodes a BMP Type II Receptor that Regulates Synaptic Growth in Drosophila. <i>Neuron</i> , 2002, 33, 545-558.	3.8	469
22	Expression of the Armadillo family member p120 cas 1B in Xenopus embryos affects head differentiation but not axis formation. <i>Development Genes and Evolution</i> , 1998, 207, 471-481.	0.4	33
23	Signaling and Adhesion Activities of Mammalian β -Catenin and Plakoglobin in Drosophila. <i>Journal of Cell Biology</i> , 1998, 140, 183-195.	2.3	63
24	β -catenin is a target for the ubiquitin-proteasome pathway. <i>EMBO Journal</i> , 1997, 16, 3797-3804.	3.5	2,303
25	Cadherin-catenin complex: Protein interactions and their implications for cadherin function. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 514-523.	1.2	744
26	Single Amino Acid Substitutions in Proteins of the armadillo Gene Family Abolish Their Binding to β -Catenin. <i>Journal of Biological Chemistry</i> , 1996, 271, 1520-1526.	1.6	156
27	Cadherin-catenin complex: protein interactions and their implications for cadherin function. <i>Journal of Cellular Biochemistry</i> , 1996, 61, 514-23.	1.2	242
28	The human plakoglobin gene localizes on chromosome 17q21 and is subjected to loss of heterozygosity in breast and ovarian cancers.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6384-6388.	3.3	111
29	Beta-catenin mediates the interaction of the cadherin-catenin complex with epidermal growth factor receptor.. <i>Journal of Cell Biology</i> , 1994, 127, 1375-1380.	2.3	708