

Hermann Aberle

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

6,081
citations

361296
20
h-index

501076
28
g-index

29
all docs

29
docs citations

29
times ranked

6750
citing authors

#	ARTICLE	IF	CITATIONS
1	Î²-catenin is a target for the ubiquitinâ€“proteasome pathway. EMBO Journal, 1997, 16, 3797-3804.	3.5	2,303
2	Cadherin-catenin complex: Protein interactions and their implications for cadherin function. Journal of Cellular Biochemistry, 1996, 61, 514-523.	1.2	744
3	Beta-catenin mediates the interaction of the cadherin-catenin complex with epidermal growth factor receptor.. Journal of Cell Biology, 1994, 127, 1375-1380.	2.3	708
4	wishful thinking Encodes a BMP Type II Receptor that Regulates Synaptic Growth in Drosophila. Neuron, 2002, 33, 545-558.	3.8	469
5	The expression pattern of the Drosophila vesicular glutamate transporter: A marker protein for motoneurons and glutamatergic centers in the brain. Gene Expression Patterns, 2006, 6, 299-309.	0.3	253
6	Cadherin-catenin complex: protein interactions and their implications for cadherin function. Journal of Cellular Biochemistry, 1996, 61, 514-23.	1.2	242
7	Highwire Regulates Presynaptic BMP Signaling Essential for Synaptic Growth. Neuron, 2004, 41, 891-905.	3.8	212
8	Single Amino Acid Substitutions in Proteins of the armadillo Gene Family Abolish Their Binding to Î±-Catenin. Journal of Biological Chemistry, 1996, 271, 1520-1526.	1.6	156
9	Drosophila Neuroligin 1 Promotes Growth and Postsynaptic Differentiation at Glutamatergic Neuromuscular Junctions. Neuron, 2010, 66, 724-738.	3.8	132
10	Drosophila Ankyrin 2 Is Required for Synaptic Stability. Neuron, 2008, 58, 210-222.	3.8	127
11	The human plakoglobin gene localizes on chromosome 17q21 and is subjected to loss of heterozygosity in breast and ovarian cancers.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 6384-6388.	3.3	111
12	Cooperation of Syd-1 with Neurexin synchronizes pre- with postsynaptic assembly. Nature Neuroscience, 2012, 15, 1219-1226.	7.1	108
13	Impaired protein translation in Drosophila models for Charcotâ€™Marieâ€™Tooth neuropathy caused by mutant tRNA synthetases. Nature Communications, 2015, 6, 7520.	5.8	102
14	Hierarchical Microtubule Organization Controls Axon Caliber and Transport and Determines Synaptic Structure and Stability. Developmental Cell, 2015, 33, 5-21.	3.1	78
15	Signaling and Adhesion Activities of Mammalian Î²-Catenin and Plakoglobin in Drosophila. Journal of Cell Biology, 1998, 140, 183-195.	2.3	63
16	Drosophila MICAL regulates myofilament organization and synaptic structure. Mechanisms of Development, 2007, 124, 390-406.	1.7	57
17	<i>Drosophila</i> motor axons recognize and follow a Sidestep-labeled substrate pathway to reach their target fields. Genes and Development, 2009, 23, 1052-1062.	2.7	52
18	The synaptic cytoskeleton in development and disease. Developmental Neurobiology, 2012, 72, 111-125.	1.5	49

#	ARTICLE	IF	CITATIONS
19	Expression of the Armadillo family member p120 cas 1B in <i>Xenopus</i> embryos affects head differentiation but not axis formation. <i>Development Genes and Evolution</i> , 1998, 207, 471-481.	0.4	33
20	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
21	Axon Guidance and Collective Cell Migration by Substrate-Derived Attractants. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 148.	1.4	17
22	Sidestep-induced neuromuscular miswiring causes severe locomotion defects in <i>Drosophila</i> larvae. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	10
23	Searching for guidance cues: Follow the Sidestep trail. <i>Fly</i> , 2009, 3, 270-273.	0.9	9
24	The PIKE Homolog Centaurin gamma Regulates Developmental Timing in <i>Drosophila</i> . <i>PLoS ONE</i> , 2014, 9, e97332.	1.1	6
25	Redox switch for actin. <i>Nature Cell Biology</i> , 2013, 15, 1403-1404.	4.6	3
26	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
27	Dynamic monitoring of vital functions and tissue re-organization in <i>Saturnia pavonia</i> (Lepidoptera,) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.6	3
28	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
29	No Sidesteps on a beaten track. <i>Cell Adhesion and Migration</i> , 2009, 3, 358-360.	1.1	0