Erich Buchner

List of Publications by Year
in descending order

18 papers	2,673 citations	759233 12 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	2799 citing authors

#	Article	IF	Citations
1	Bruchpilot Promotes Active Zone Assembly, Ca2+ Channel Clustering, and Vesicle Release. Science, 2006, 312, 1051-1054.	12.6	976
2	Bruchpilot, a Protein with Homology to ELKS/CAST, Is Required for Structural Integrity and Function of Synaptic Active Zones in Drosophila. Neuron, 2006, 49, 833-844.	8.1	802
3	Invertebrate Synapsins: A Single Gene Codes for Several Isoforms inDrosophila. Journal of Neuroscience, 1996, 16, 3154-3165.	3.6	431
4	Flies lacking all synapsins are unexpectedly healthy but are impaired in complex behaviour. European Journal of Neuroscience, 2004, 20, 611-622.	2.6	140
5	The Wuerzburg Hybridoma Library againstDrosophilaBrain. Journal of Neurogenetics, 2009, 23, 78-91.	1.4	76
6	A role for Synapsin in associative learning: The Drosophila larva as a study case. Learning and Memory, 2005, 12, 224-231.	1.3	72
7	Synapsin Function in GABA-ergic Interneurons Is Required for Short-Term Olfactory Habituation. Journal of Neuroscience, 2013, 33, 16576-16585.	3.6	36
8	BSD: a novel domain in transcription factors and synapse-associated proteins. Trends in Biochemical Sciences, 2002, 27, 168-170.	7.5	35
9	Behavioral and Synaptic Plasticity Are Impaired upon Lack of the Synaptic Protein SAP47. Journal of Neuroscience, 2011, 31, 3508-3518.	3.6	24
10	Synapsin is required to â€œboostâ€•memory strength for highly salient events. Learning and Memory, 2016, 23, 9-20.	1.3	17
11	Mass Spectrometric Analysis of Synapsins in Drosophila melanogaster and Identification of Novel Phosphorylation Sites. Journal of Proteome Research, 2011, 10, 541-550.	3.7	16
12	The conserved protein kinase-A target motif in synapsin of Drosophila is effectively modified by pre-mRNA editing. BMC Neuroscience, 2006, 7, 76.	1.9	15
13	Targeted mutagenesis of the Sap47 gene of Drosophila: flies lacking the synapse associated protein of 47 kDa are viable and fertile. BMC Neuroscience, 2004, 5, 16.	1.9	11
14	Essential role of the mouse synapse associated protein Syap1 in circuits for spontaneous motor activity and rotarod balance. Biology Open, 2019, 8, .	1.2	7
15	Implications of the Sap47 null mutation for synapsin phosphorylation, longevity, climbing, and behavioural plasticity in adult Drosophila. Journal of Experimental Biology, 2019, 222, .	1.7	5
16	Identification and Structural Characterization of Interneurons of the Drosophila Brain by Monoclonal Antibodies of the WÃ¼rzburg Hybridoma Library. PLoS ONE, 2013, 8, e75420.	2.5	4
17	Initial characterization of a Syap1 knock-out mouse and distribution of Syap1 in mouse brain and cultured motoneurons. Histochemistry and Cell Biology, 2016, 146, 489-512.	1.7	3
18	Identification of Eps15 as Antigen Recognized by the Monoclonal Antibodies aa2 and ab52 of the Wuerzburg Hybridoma Library against Drosophila Brain. PLoS ONE, 2011, 6, e29352.	2.5	3