

# Erich Buchner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8632412/publications.pdf>

Version: 2024-02-01

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