

# Maria Bykhovskaia

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

316  
citations

1040056

9  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synapsin regulation of vesicle organization and functional pools. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 387-392.	5.0	100
2	Synapsin Regulates Activity-Dependent Outgrowth of Synaptic Boutons at the <i>Drosophila</i> Neuromuscular Junction. <i>Journal of Neuroscience</i> , 2014, 34, 10554-10563.	3.6	46
3	Interaction of the Complexin Accessory Helix with the C-Terminus of the SNARE Complex: Molecular-Dynamics Model of the Fusion Clamp. <i>Biophysical Journal</i> , 2013, 105, 679-690.	0.5	41
4	A synaptotagmin suppressor screen indicates SNARE binding controls the timing and Ca <sup>2+</sup> cooperativity of vesicle fusion. <i>ELife</i> , 2017, 6, .	6.0	32
5	Calcium Binding Promotes Conformational Flexibility of the Neuronal Ca <sup>2+</sup> Sensor Synaptotagmin. <i>Biophysical Journal</i> , 2015, 108, 2507-2520.	0.5	16
6	Coarse-Grained Model of SNARE-Mediated Docking. <i>Biophysical Journal</i> , 2015, 108, 2258-2269.	0.5	16
7	Interaction of the Complexin Accessory Helix with Synaptobrevin Regulates Spontaneous Fusion. <i>Biophysical Journal</i> , 2016, 111, 1954-1964.	0.5	15
8	Phosphatidylinositol (4, 5)-bisphosphate targets double C2 domain protein B to the plasma membrane. <i>Traffic</i> , 2017, 18, 825-839.	2.7	15
9	Electrophysiological analysis of synaptic transmission in <i>Drosophila</i> . <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017, 6, e277.	5.9	14
10	SNARE complex alters the interactions of the Ca <sup>2+</sup> sensor synaptotagmin 1 with lipid bilayers. <i>Biophysical Journal</i> , 2021, 120, 642-661.	0.5	10
11	Two Pathways for the Activity-Dependent Growth and Differentiation of Synaptic Boutons in <i>Drosophila</i> . <i>ENeuro</i> , 2019, 6, ENEURO.0060-19.2019.	1.9	8
12	Focal Macropatch Recordings of Synaptic Currents from the <i>Drosophila</i> Larval Neuromuscular Junction. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2