

# Maria Bykhovskaia

## List of Publications by Year in descending order

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12  
papers

316  
citations

1040056

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1199594

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docs citations

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times ranked

458  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Electrophysiological analysis of synaptic transmission in <i>Drosophila</i> . <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2017, 6, e277.	5.9	14
4	Focal Macropatch Recordings of Synaptic Currents from the <i>Drosophila</i> Larval Neuromuscular Junction. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	2
5	Phosphatidylinositol (4, 5)-bisphosphate targets double C2 domain protein B to the plasma membrane. <i>Traffic</i> , 2017, 18, 825-839.	2.7	15
6	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
7	Interaction of the Complexin Accessory Helix with Synaptobrevin Regulates Spontaneous Fusion. <i>Biophysical Journal</i> , 2016, 111, 1954-1964.	0.5	15
8	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
9	Coarse-Grained Model of SNARE-Mediated Docking. <i>Biophysical Journal</i> , 2015, 108, 2258-2269.	0.5	16
10	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
11	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
12	Synapsin regulation of vesicle organization and functional pools. <i>Seminars in Cell and Developmental Biology</i> , 2011, 22, 387-392.	5.0	100