

# Xiandeng Wu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2175208/publications.pdf>

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9  
papers

693  
citations

1307594  
7  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

753  
citing authors

#	ARTICLE	IF	CITATIONS
1	RIM and RIM-BP Form Presynaptic Active-Zone-like Condensates via Phase Separation. <i>Molecular Cell</i> , 2019, 73, 971-984.e5.	9.7	166
2	Phase separation at the synapse. <i>Nature Neuroscience</i> , 2020, 23, 301-310.	14.8	156
3	Formation of biological condensates via phase separation: Characteristics, analytical methods, and physiological implications. <i>Journal of Biological Chemistry</i> , 2019, 294, 14823-14835.	3.4	149
4	Liquid-Liquid Phase Separation in Neuronal Development and Synaptic Signaling. <i>Developmental Cell</i> , 2020, 55, 18-29.	7.0	77
5	Vesicle Tethering on the Surface of Phase-Separated Active Zone Condensates. <i>Molecular Cell</i> , 2021, 81, 13-24.e7.	9.7	77
6	CaMKII $\beta$ -driven, phosphatase-checked postsynaptic plasticity via phase separation. <i>Cell Research</i> , 2021, 31, 37-51.	12.0	39
7	Structural Basis for the High-Affinity Interaction between CASK and Mint1. <i>Structure</i> , 2020, 28, 664-673.e3.	3.3	12
8	Presynaptic bouton compartmentalization and postsynaptic density-mediated glutamate receptor clustering via phase separation. <i>Neuropharmacology</i> , 2021, 193, 108622.	4.1	9
9	Interactions between Membraneless Condensates and Membranous Organelles at the Presynapse: A Phase Separation View of Synaptic Vesicle Cycle. <i>Journal of Molecular Biology</i> , 2023, 435, 167629.	4.2	8