

# Yanshan Fang

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,449  
citations

394421

19  
h-index

477307

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2074  
citing authors

#	ARTICLE	IF	CITATIONS
1	PARylation regulates stress granule dynamics, phase separation, and neurotoxicity of disease-related RNA-binding proteins. <i>Cell Research</i> , 2019, 29, 233-247.	12.0	175
2	SWATH enables precise label-free quantification on proteome scale. <i>Proteomics</i> , 2015, 15, 1215-1223.	2.2	140
3	A Novel <i>Drosophila</i> Model of Nerve Injury Reveals an Essential Role of Nmnat in Maintaining Axonal Integrity. <i>Current Biology</i> , 2012, 22, 590-595.	3.9	130
4	Post-translational regulation of the <i>Drosophila</i> circadian clock requires protein phosphatase 1 (PP1). <i>Genes and Development</i> , 2007, 21, 1506-1518.	5.9	129
5	Stress Induces Dynamic, Cytotoxicity-Antagonizing TDP-43 Nuclear Bodies via Paraspeckle LncRNA NEAT1-Mediated Liquid-Liquid Phase Separation. <i>Molecular Cell</i> , 2020, 79, 443-458.e7.	9.7	118
6	A <i>Drosophila</i> model for Angelman syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12399-12404.	7.1	93
7	Hsp40 proteins phase separate to chaperone the assembly and maintenance of membraneless organelles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 31123-31133.	7.1	66
8	Behavioral and Neurochemical Alterations in Mice Lacking the RNA-Binding Protein Translin. <i>Journal of Neuroscience</i> , 2006, 26, 2184-2196.	3.6	65
9	Axon Degeneration and Regeneration: Insights from <i>Drosophila</i> Models of Nerve Injury. <i>Annual Review of Cell and Developmental Biology</i> , 2012, 28, 575-597.	9.4	62
10	Cooperative Interaction between Phosphorylation Sites on PERIOD Maintains Circadian Period in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2013, 9, e1003749.	3.5	54
11	Distinct multilevel misregulations of Parkin and PINK1 revealed in cell and animal models of TDP-43 proteinopathy. <i>Cell Death and Disease</i> , 2018, 9, 953.	6.3	38
12	Multidimensional Proteomics Identifies Declines in Protein Homeostasis and Mitochondria as Early Signals for Normal Aging and Age-associated Disease in <i>Drosophila</i> *[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 2078-2088.	3.8	38
13	Selective Mitochondrial Protein Labeling Enabled by Biocompatible Photocatalytic Reactions inside Live Cells. <i>Jacs Au</i> , 2021, 1, 1066-1075.	7.9	35
14	The nuclear localization sequence mediates hnRNPA1 amyloid fibril formation revealed by cryoEM structure. <i>Nature Communications</i> , 2020, 11, 6349.	12.8	33
15	<i>In vivo</i> imaging reveals mitophagy independence in the maintenance of axonal mitochondria during normal aging. <i>Aging Cell</i> , 2017, 16, 1180-1190.	6.7	32
16	New insights of poly(ADP-ribosylation) in neurodegenerative diseases: A focus on protein phase separation and pathologic aggregation. <i>Biochemical Pharmacology</i> , 2019, 167, 58-63.	4.4	32
17	Hsp70 chaperones TDP-43 in dynamic, liquid-like phase and prevents it from amyloid aggregation. <i>Cell Research</i> , 2021, 31, 1024-1027.	12.0	30
18	Molecular Analysis of Sleep: Wake Cycles in <i>Drosophila</i> . <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2007, 72, 557-564.	1.1	29

#	ARTICLE	IF	CITATIONS
19	Loss of TDP-43 function underlies hippocampal and cortical synaptic deficits in TDP-43 proteinopathies. <i>Molecular Psychiatry</i> , 2023, 28, 931-945.	7.9	24
20	The Drama of Wallerian Degeneration: The Cast, Crew, and Script. <i>Annual Review of Genetics</i> , 2021, 55, 93-113.	7.6	22
21	Design and implementation of in vivo imaging of neural injury responses in the adult <i>Drosophila</i> wing. <i>Nature Protocols</i> , 2013, 8, 810-819.	12.0	21
22	Nicotinamide mononucleotide adenylyltransferase uses its NAD <sup>+</sup> substrate-binding site to chaperone phosphorylated Tau. <i>ELife</i> , 2020, 9, .	6.0	18
23	Transducing oxidative stress to death signals in neurons. <i>Journal of Cell Biology</i> , 2015, 211, 741-743.	5.2	14
24	Rapid depletion of ESCRT protein Vps4 underlies injury-induced autophagic impediment and Wallerian degeneration. <i>Science Advances</i> , 2019, 5, eaav4971.	10.3	14
25	Hsp70 exhibits a liquid-liquid phase separation ability and chaperones condensed FUS against amyloid aggregation. <i>IScience</i> , 2022, 25, 104356.	4.1	14
26	CHMP2B regulates TDP-43 phosphorylation and cytotoxicity independent of autophagy via CK1. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	11
27	Quantitative Proteomic Analysis of Mouse Sciatic Nerve Reveals Post-injury Upregulation of ADP-Dependent Glucokinase Promoting Macrophage Phagocytosis. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 777621.	2.9	4
28	Hope on the (fruit) fly: the <i>Drosophila</i> wing paradigm of axon injury. <i>Neural Regeneration Research</i> , 2015, 10, 173.	3.0	2
29	The mouse nicotinamide mononucleotide adenylyltransferase chaperones diverse pathological amyloid client proteins. <i>Journal of Biological Chemistry</i> , 2022, 298, 101912.	3.4	1
30	Protein Phosphatases and Circadian Clocks. , 2010, , 877-881.		0
31	Poly(ADP-ribosylation) regulates stress granule dynamics, phase separation, and neurotoxicity of disease-related RNA-binding proteins. <i>IBRO Reports</i> , 2019, 6, S499.	0.3	0