

# Kuchuan Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10839454/publications.pdf>

Version: 2024-02-01

12  
papers

1,927  
citations

759233

12  
h-index

1199594

12  
g-index

17  
all docs

17  
docs citations

17  
times ranked

3556  
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Drosophila</i> tools and assays for the study of human diseases. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 235-244.	2.4	367
2	ALS-implicated protein TDP-43 sustains levels of STMN2, a mediator of motor neuron growth and repair. <i>Nature Neuroscience</i> , 2019, 22, 167-179.	14.8	353
3	A <i>Drosophila</i> Genetic Resource of Mutants to Study Mechanisms Underlying Human Genetic Diseases. <i>Cell</i> , 2014, 159, 200-214.	28.9	322
4	A library of MiMICs allows tagging of genes and reversible, spatial and temporal knockdown of proteins in <i>Drosophila</i> . <i>ELife</i> , 2015, 4, .	6.0	320
5	Phospholipase PLA2G6, a Parkinsonism-Associated Gene, Affects Vps26 and Vps35, Retromer Function, and Ceramide Levels, Similar to $\alpha$ -Synuclein Gain. <i>Cell Metabolism</i> , 2018, 28, 605-618.e6.	16.2	133
6	Mitochondrial fusion but not fission regulates larval growth and synaptic development through steroid hormone production. <i>ELife</i> , 2014, 3, .	6.0	109
7	Loss of Frataxin induces iron toxicity, sphingolipid synthesis, and Pdk1/Mef2 activation, leading to neurodegeneration. <i>ELife</i> , 2016, 5, .	6.0	74
8	A TRPV Channel in <i>Drosophila</i> Motor Neurons Regulates Presynaptic Resting Ca <sup>2+</sup> Levels, Synapse Growth, and Synaptic Transmission. <i>Neuron</i> , 2014, 84, 764-777.	8.1	68
9	Loss of Frataxin activates the iron/sphingolipid/PDK1/Mef2 pathway in mammals. <i>ELife</i> , 2016, 5, .	6.0	61
10	<i>Drosophila</i> Tempura, a Novel Protein Prenyltransferase $\alpha$ Subunit, Regulates Notch Signaling Via Rab1 and Rab11. <i>PLoS Biology</i> , 2014, 12, e1001777.	5.6	45
11	Human amyotrophic lateral sclerosis excitability phenotype screen: Target discovery and validation. <i>Cell Reports</i> , 2021, 35, 109224.	6.4	33
12	Ubr3, a Novel Modulator of Hh Signaling Affects the Degradation of Costal-2 and Kif7 through Poly-ubiquitination. <i>PLoS Genetics</i> , 2016, 12, e1006054.	3.5	17