

# Ke Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

3,711  
citations

279798

23  
h-index

276875

41  
g-index

49  
all docs

49  
docs citations

49  
times ranked

6166  
citing authors

#	ARTICLE	IF	CITATIONS
1	The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. <i>Nature</i> , 2015, 525, 56-61.	27.8	835
2	Glial Lipid Droplets and ROS Induced by Mitochondrial Defects Promote Neurodegeneration. <i>Cell</i> , 2015, 160, 177-190.	28.9	617
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	Stress Granule Assembly Disrupts Nucleocytoplasmic Transport. <i>Cell</i> , 2018, 173, 958-971.e17.	28.9	303
5	Mutant Huntingtin Disrupts the Nuclear Pore Complex. <i>Neuron</i> , 2017, 94, 93-107.e6.	8.1	274
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	Probing Mechanisms That Underlie Human Neurodegenerative Diseases in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2012, 46, 371-396.	7.6	96
8	Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. <i>PLoS Biology</i> , 2012, 10, e1001438.	5.6	93
9	A Mutation in EGF Repeat-8 of Notch Discriminates Between Serrate/Jagged and Delta Family Ligands. <i>Science</i> , 2012, 338, 1229-1232.	12.6	92
10	Ubiquitination is essential for recovery of cellular activities after heat shock. <i>Science</i> , 2021, 372, eabc3593.	12.6	86
11	The Retromer Complex Is Required for Rhodopsin Recycling and Its Loss Leads to Photoreceptor Degeneration. <i>PLoS Biology</i> , 2014, 12, e1001847.	5.6	75
12	Large-scale identification of chemically induced mutations in <i>Drosophila melanogaster</i> . <i>Genome Research</i> , 2014, 24, 1707-1718.	5.5	67
13	Fucoxanthin, a Marine Carotenoid, Attenuates $\text{A}\beta$ -Amyloid Oligomer-Induced Neurotoxicity Possibly via Regulating the PI3K/Akt and the ERK Pathways in SH-SY5Y Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	57
14	The C8ORF38 homologue Sicily is a cytosolic chaperone for a mitochondrial complex I subunit. <i>Journal of Cell Biology</i> , 2013, 200, 807-820.	5.2	56
15	Metastatic Tumors of the Penis. <i>Medicine (United States)</i> , 2015, 94, e132.	1.0	49
16	TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. <i>ELife</i> , 2020, 9, .	6.0	48
17	WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. <i>Developmental Cell</i> , 2016, 36, 139-151.	7.0	47
18	FIG4 regulates lysosome membrane homeostasis independent of phosphatase function. <i>Human Molecular Genetics</i> , 2016, 25, 681-692.	2.9	46

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19	Drosophila Tempura, a Novel Protein Prenyltransferase $\pm$ Subunit, Regulates Notch Signaling Via Rab1 and Rab11. <i>PLoS Biology</i> , 2014, 12, e1001777.	5.6	45
20	Integrated clinical characteristics and omics analysis identifies a ferroptosis and iron-metabolism-related lncRNA signature for predicting prognosis and therapeutic responses in ovarian cancer. <i>Journal of Ovarian Research</i> , 2022, 15, 10.	3.0	36
21	Fascaplysin Derivatives Are Potent Multitarget Agents against Alzheimer's Disease: <i>in Vitro</i> and <i>in Vivo</i> Evidence. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4741-4756.	3.5	34
22	Divergence, Convergence, and Therapeutic Implications: A Cell Biology Perspective of C9ORF72-ALS/FTD. <i>Molecular Neurodegeneration</i> , 2020, 15, 34.	10.8	32
23	Identification of Therapeutic Targets for Amyotrophic Lateral Sclerosis Using PandaOmics " An AI-Enabled Biological Target Discovery Platform. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	32
24	Computed Tomography Imaging-Based Radiogenomics Analysis Reveals Hypoxia Patterns and Immunological Characteristics in Ovarian Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 868067.	4.8	31
25	Nucleocytoplasmic transport in <i>C9orf72</i> -mediated ALS/FTD. <i>Nucleus</i> , 2016, 7, 132-137.	2.2	27
26	Accessibility control and machinery of immunoglobulin class switch recombination. <i>Journal of Leukocyte Biology</i> , 2003, 73, 323-332.	3.3	26
27	Gold nanoparticles trigger apoptosis and necrosis in lung cancer cells with low intracellular glutathione. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	25
28	The Differentiation of Human Adipose-Derived Stem Cells towards a Urothelium-Like Phenotype <i>In Vitro</i> and the Dynamic Temporal Changes of Related Cytokines by Both Paracrine and Autocrine Signal Regulation. <i>PLoS ONE</i> , 2014, 9, e95583.	2.5	23
29	Mitogen-Activated Protein Kinase Pathway in Amyotrophic Lateral Sclerosis. <i>Biomedicines</i> , 2021, 9, 969.	3.2	23
30	OMP31 of <i>Brucella melitensis</i> 16M impairs the apoptosis of macrophages triggered by TNF- $\alpha$ . <i>Experimental and Therapeutic Medicine</i> , 2016, 12, 2783-2789.	1.8	22
31	Tacrine(10)-Hupryridone Prevents Post-operative Cognitive Dysfunction via the Activation of BDNF Pathway and the Inhibition of AChE in Aged Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 396.	3.7	16
32	Drosophila models of amyotrophic lateral sclerosis with defects in RNA metabolism. <i>Brain Research</i> , 2018, 1693, 109-120.	2.2	14
33	Are the patients with anatomic variation of the sublingual/Wharton's duct system predisposed to ranula formation?. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2016, 83, 69-73.	1.0	8
34	Direct investigation of charge transfer in neurons by electrostatic force microscopy. <i>Ultramicroscopy</i> , 2019, 196, 24-32.	1.9	8
35	Two "for" one on potential therapies. <i>Nature</i> , 2017, 544, 302-303.	27.8	6
36	Mechanisms of Improved Aortic Stiffness by Arotinolol in Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2014, 9, e88722.	2.5	6

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37	Preparation of Mn <sup>2+</sup> @PolyDOPA-b-polysarcosine micelle as MRI contrast agent with high longitudinal relaxivity. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2021, 58, 175-181.	2.2	5
38	The genomic landscape of invasive stratified mucin-producing carcinoma of the uterine cervix: the first description based on whole-exome sequencing. <i>Journal of Translational Medicine</i> , 2022, 20, 187.	4.4	5
39	Relationship between umbilical artery Doppler waveform analysis and perinatal prognosis in women with intrahepatic cholestasis of pregnancy. <i>International Journal of Gynecology and Obstetrics</i> , 2010, 111, 187-188.	2.3	2
40	Surgical treatment of Peyronie's disease by modified 16-dot placcation in China. <i>Translational Andrology and Urology</i> , 2013, 2, 10-4.	1.4	2
41	The need for deepened molecular mechanism exploration in new onset diabetes after transplantation (NODAT). <i>Hepatobiliary Surgery and Nutrition</i> , 2021, 10, 896-898.	1.5	0