

Ke Zhang

List of Publications by Year in descending order

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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	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
2	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
3	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
4	Preparation of Mn ²⁺ @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
5	Ubiquitination is essential for recovery of cellular activities after heat shock. <i>Science</i> , 2021, 372, eabc3593.	12.6	86
6	Mitogen-Activated Protein Kinase Pathway in Amyotrophic Lateral Sclerosis. <i>Biomedicines</i> , 2021, 9, 969.	3.2	23
7	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
8	Divergence, Convergence, and Therapeutic Implications: A Cell Biology Perspective of C9ORF72-ALS/FTD. <i>Molecular Neurodegeneration</i> , 2020, 15, 34.	10.8	32
9	TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. <i>ELife</i> , 2020, 9, .	6.0	48
10	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
11	Direct investigation of charge transfer in neurons by electrostatic force microscopy. <i>Ultramicroscopy</i> , 2019, 196, 24-32.	1.9	8
12	Stress Granule Assembly Disrupts Nucleocytoplasmic Transport. <i>Cell</i> , 2018, 173, 958-971.e17.	28.9	303
13	Tacrine(10)-Hupyrindone 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
14	Drosophila models of amyotrophic lateral sclerosis with defects in RNA metabolism. <i>Brain Research</i> , 2018, 1693, 109-120.	2.2	14
15	Two "for" one on potential therapies. <i>Nature</i> , 2017, 544, 302-303.	27.8	6
16	Mutant Huntingtin Disrupts the Nuclear Pore Complex. <i>Neuron</i> , 2017, 94, 93-107.e6.	8.1	274
17	Fucoxanthin, a Marine Carotenoid, Attenuates β -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
18	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

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19	FIG4 regulates lysosome membrane homeostasis independent of phosphatase function. Human Molecular Genetics, 2016, 25, 681-692.	2.9	46
20	Nucleocytoplasmic transport in C9orf72-mediated ALS/FTD. Nucleus, 2016, 7, 132-137.	2.2	27
21	OMP31 of Brucella melitensis 16M impairs the apoptosis of macrophages triggered by TNF- α . Experimental and Therapeutic Medicine, 2016, 12, 2783-2789.	1.8	22
22	WAC Regulates mTOR Activity by Acting as an Adaptor for the TTT and Pontin/Reptin Complexes. Developmental Cell, 2016, 36, 139-151.	7.0	47
23	Glial Lipid Droplets and ROS Induced by Mitochondrial Defects Promote Neurodegeneration. Cell, 2015, 160, 177-190.	28.9	617
24	Metastatic Tumors of the Penis. Medicine (United States), 2015, 94, e132.	1.0	49
25	The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. Nature, 2015, 525, 56-61.	27.8	835
26	The Differentiation of Human Adipose-Derived Stem Cells towards a Urothelium-Like Phenotype In Vitro and the Dynamic Temporal Changes of Related Cytokines by Both Paracrine and Autocrine Signal Regulation. PLoS ONE, 2014, 9, e95583.	2.5	23
27	The Retromer Complex Is Required for Rhodopsin Recycling and Its Loss Leads to Photoreceptor Degeneration. PLoS Biology, 2014, 12, e1001847.	5.6	75
28	Drosophila Tempura, a Novel Protein Prenyltransferase α Subunit, Regulates Notch Signaling Via Rab1 and Rab11. PLoS Biology, 2014, 12, e1001777.	5.6	45
29	A Drosophila Genetic Resource of Mutants to Study Mechanisms Underlying Human Genetic Diseases. Cell, 2014, 159, 200-214.	28.9	322
30	Large-scale identification of chemically induced mutations in <i>Drosophila melanogaster</i> . Genome Research, 2014, 24, 1707-1718.	5.5	67
31	Mechanisms of Improved Aortic Stiffness by Arotinolol in Spontaneously Hypertensive Rats. PLoS ONE, 2014, 9, e88722.	2.5	6
32	Mitochondrial fusion but not fission regulates larval growth and synaptic development through steroid hormone production. ELife, 2014, 3, .	6.0	109
33	Gold nanoparticles trigger apoptosis and necrosis in lung cancer cells with low intracellular glutathione. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	25
34	The C8ORF38 homologue Sicily is a cytosolic chaperone for a mitochondrial complex I subunit. Journal of Cell Biology, 2013, 200, 807-820.	5.2	56
35	Surgical treatment of Peyronie's disease by modified 16-dot placation in China. Translational Andrology and Urology, 2013, 2, 10-4.	1.4	2
36	Crag Is a GEF for Rab11 Required for Rhodopsin Trafficking and Maintenance of Adult Photoreceptor Cells. PLoS Biology, 2012, 10, e1001438.	5.6	93

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37	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
38	Probing Mechanisms That Underlie Human Neurodegenerative Diseases in <i>Drosophila</i> . <i>Annual Review of Genetics</i> , 2012, 46, 371-396.	7.6	96
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	Accessibility control and machinery of immunoglobulin class switch recombination. <i>Journal of Leukocyte Biology</i> , 2003, 73, 323-332.	3.3	26
41	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