Ke Liu

List of Publications by Year
in descending order

30 papers	5,482 citations	516215 16 h-index	552369 26 g-index
32 all docs	32 docs citations	32 times ranked	14593 citing authors

#	Article	IF	Citations
1	Pharmacological inhibition of sphingolipid synthesis reduces ferroptosis by stimulating the HIF-1 pathway. IScience, 2022, 25, 104533.	1.9	11
2	Hydrogen sulfide treatment at the late growth stage of Saccharomyces cerevisiae extends chronological lifespan. Aging, 2021, 13, 9859-9873.	1.4	4
3	Sodium iodate induces ferroptosis in human retinal pigment epithelium ARPE-19 cells. Cell Death and Disease, 2021, 12, 230.	2.7	31
4	Enhancing lifespan of budding yeast by pharmacological lowering of amino acid pools. Aging, 2021, 13, 7846-7871.	1.4	10
5	Stabilization of p27 ^{Kip1} /CDKN1B by UBCH7/UBE2L3 catalyzed ubiquitinylation: a new paradigm in cellâ€cycle control. FASEB Journal, 2019, 33, 1235-1247.	0.2	17
6	mTORC1-Sch9 regulates hydrogen sulfide production through the transsulfuration pathway. Aging, 2019, 11, 8418-8432.	1.4	3
7	Aptamer-mediated survivin RNAi enables 5-fluorouracil to eliminate colorectal cancer stem cells. Scientific Reports, 2017, 7, 5898.	1.6	40
8	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. Theranostics, 2017, 7, 4071-4086.	4.6	70
9	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
10	Exendin-4 Loaded Nanoparticles with a Lipid Shell and Aqueous Core Containing Micelles for Enhanced Intestinal Absorption. Journal of Biomedical Nanotechnology, 2015, 11, 865-876.	0.5	25
11	Superior Performance of Aptamer in Tumor Penetration over Antibody: Implication of Aptamer-Based Theranostics in Solid Tumors. Theranostics, 2015, 5, 1083-1097.	4.6	147
12	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1071-1076.	3.3	57
13	Low cytotoxicity fluorescent PAMAM dendrimer as gene carriers for monitoring the delivery of siRNA. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	12
14	Sch9 regulates intracellular protein ubiquitination by controlling stress responses. Redox Biology, 2015, 5, 290-300.	3.9	12
15	The protective effects of Trolox-loaded chitosan nanoparticles against hypoxia-mediated cell apoptosis. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1411-1420.	1.7	17
16	Newborn Mouse Lens Proteome and Its Alteration by Lysine 6 Mutant Ubiquitin. Journal of Proteome Research, 2014, 13, 1177-1189.	1.8	14
17	Reducing sphingolipid synthesis orchestrates global changes to extend yeast lifespan. Aging Cell, 2013, 12, 833-841.	3.0	58
18	Expression of K6Wâ€ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. FASEB Journal, 2013, 27, 785.7.	0.2	0

#	Article	IF	Citations
19	Q936Phosphorylation Regulation of Overexpressed Protein Kinase Ypk1 in Budding Yeast. Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology, 2013, 19, 241-248.	0.1	0
20	Detection of nitric oxide in macrophage cells for the assessment of the cytotoxicity of gold nanoparticles. Talanta, 2012, 101, 11-16.	2.9	18
21	Enhanced Antitumor Efficacy and Reduced Systemic Toxicity of Sulfatide-Containing Nanoliposomal Doxorubicin in a Xenograft Model of Colorectal Cancer. PLoS ONE, 2012, 7, e49277.	1.1	29
22	Sch9Regulates Ubiquitination of Total Protein in Yeast. Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology, 2012, 18, 364.	0.1	0
23	Phosphorylation of Yeast Protein Kinase Sch9 Regulates Heat Stress Response. Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology, 2012, 18, 369.	0.1	0
24	Transcriptional Repressor Rdr1 Negatively Regulates Stress Response in Budding Yeast <I>Saccharomyces cerevisiae</I>*. Progress in Biochemistry and Biophysics, 2010, 2009, 1544-1552.	0.3	0
25	GSK3Î² modulates PACAP-induced neuritogenesis in PC12 cells by acting downstream of Rap1 in a caveolae-dependent manner. Cellular Signalling, 2009, 21, 237-245.	1.7	20
26	Kunitz-type trypsin inhibitor with high stability from Spinacia oleracea L. seeds. Biochemistry (Moscow), 2009, 74, 102-109.	0.7	1
27	The C-terminus of PRK2/PKNÎ³ is required for optimal activation by RhoA in a GTP-dependent manner. Archives of Biochemistry and Biophysics, 2008, 479, 170-178.	1.4	10
28	The Sphingoid Long Chain Base Phytosphingosine Activates AGC-type Protein Kinases in Saccharomyces cerevisiae Including Ypk1, Ypk2, and Sch9. Journal of Biological Chemistry, 2005, 280, 22679-22687.	1.6	110
29	Superoxide, Hydrogen Peroxide and Hydroxyl Radical in D1/D2/cytochrome b-559 Photosystem II Reaction Center Complex. Photosynthesis Research, 2004, 81, 41-47.	1.6	33
30	Synthesis, Crystal Structure, and ESR Study of a Novel Phosphorylated Lipophilic Spin Trap. Journal of Organic Chemistry, 2002, 67, 7624-7630.	1.7	29