

Ke Liu

List of Publications by Year in descending order

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Version: 2024-02-01

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Superior Performance of Aptamer in Tumor Penetration over Antibody: Implication of Aptamer-Based Theranostics in Solid Tumors. <i>Theranostics</i> , 2015, 5, 1083-1097.	4.6	147
3	The Sphingoid Long Chain Base Phytosphingosine Activates AGC-type Protein Kinases in <i>Saccharomyces cerevisiae</i> Including Ypk1, Ypk2, and Sch9. <i>Journal of Biological Chemistry</i> , 2005, 280, 22679-22687.	1.6	110
4	Transforming doxorubicin into a cancer stem cell killer via EpCAM aptamer-mediated delivery. <i>Theranostics</i> , 2017, 7, 4071-4086.	4.6	70
5	Reducing sphingolipid synthesis orchestrates global changes to extend yeast lifespan. <i>Aging Cell</i> , 2013, 12, 833-841.	3.0	58
6	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1071-1076.	3.3	57
7	Aptamer-mediated survivin RNAi enables 5-fluorouracil to eliminate colorectal cancer stem cells. <i>Scientific Reports</i> , 2017, 7, 5898.	1.6	40
8	Superoxide, Hydrogen Peroxide and Hydroxyl Radical in D1/D2/cytochrome b-559 Photosystem II Reaction Center Complex. <i>Photosynthesis Research</i> , 2004, 81, 41-47.	1.6	33
9	Sodium iodate induces ferroptosis in human retinal pigment epithelium ARPE-19 cells. <i>Cell Death and Disease</i> , 2021, 12, 230.	2.7	31
10	Synthesis, Crystal Structure, and ESR Study of a Novel Phosphorylated Lipophilic Spin Trap. <i>Journal of Organic Chemistry</i> , 2002, 67, 7624-7630.	1.7	29
11	Enhanced Antitumor Efficacy and Reduced Systemic Toxicity of Sulfatide-Containing Nanoliposomal Doxorubicin in a Xenograft Model of Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e49277.	1.1	29
12	Exendin-4 Loaded Nanoparticles with a Lipid Shell and Aqueous Core Containing Micelles for Enhanced Intestinal Absorption. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 865-876.	0.5	25
13	GSK3 β modulates PACAP-induced neuritogenesis in PC12 cells by acting downstream of Rap1 in a caveolae-dependent manner. <i>Cellular Signalling</i> , 2009, 21, 237-245.	1.7	20
14	Detection of nitric oxide in macrophage cells for the assessment of the cytotoxicity of gold nanoparticles. <i>Talanta</i> , 2012, 101, 11-16.	2.9	18
15	The protective effects of Trolox-loaded chitosan nanoparticles against hypoxia-mediated cell apoptosis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1411-1420.	1.7	17
16	Stabilization of p27 ^{Kip1} /CDKN1B by UBC7/UBE2L3 catalyzed ubiquitinylation: a new paradigm in cell cycle control. <i>FASEB Journal</i> , 2019, 33, 1235-1247.	0.2	17
17	Newborn Mouse Lens Proteome and Its Alteration by Lysine 6 Mutant Ubiquitin. <i>Journal of Proteome Research</i> , 2014, 13, 1177-1189.	1.8	14
18	Low cytotoxicity fluorescent PAMAM dendrimer as gene carriers for monitoring the delivery of siRNA. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	12

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19	Sch9 regulates intracellular protein ubiquitination by controlling stress responses. <i>Redox Biology</i> , 2015, 5, 290-300.	3.9	12
20	Pharmacological inhibition of sphingolipid synthesis reduces ferroptosis by stimulating the HIF-1 pathway. <i>IScience</i> , 2022, 25, 104533.	1.9	11
21	The C-terminus of PRK2/PKN ³ is required for optimal activation by RhoA in a GTP-dependent manner. <i>Archives of Biochemistry and Biophysics</i> , 2008, 479, 170-178.	1.4	10
22	Enhancing lifespan of budding yeast by pharmacological lowering of amino acid pools. <i>Aging</i> , 2021, 13, 7846-7871.	1.4	10
23	Hydrogen sulfide treatment at the late growth stage of <i>Saccharomyces cerevisiae</i> extends chronological lifespan. <i>Aging</i> , 2021, 13, 9859-9873.	1.4	4
24	mTORC1-Sch9 regulates hydrogen sulfide production through the transsulfuration pathway. <i>Aging</i> , 2019, 11, 8418-8432.	1.4	3
25	Kunitz-type trypsin inhibitor with high stability from <i>Spinacia oleracea</i> L. seeds. <i>Biochemistry (Moscow)</i> , 2009, 74, 102-109.	0.7	1
26	Transcriptional Repressor Rdr1 Negatively Regulates Stress Response in Budding Yeast <i>Saccharomyces cerevisiae</i> . <i>Progress in Biochemistry and Biophysics</i> , 2010, 2009, 1544-1552.	0.3	0
27	Sch9Regulates Ubiquitination of Total Protein in Yeast. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2012, 18, 364.	0.1	0
28	Phosphorylation of Yeast Protein Kinase Sch9 Regulates Heat Stress Response. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2012, 18, 369.	0.1	0
29	Expression of K6W ϵ ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. <i>FASEB Journal</i> , 2013, 27, 785.7.	0.2	0
30	Q936Phosphorylation Regulation of Overexpressed Protein Kinase Ypk1 in Budding Yeast. <i>Ying Yong Yu Huan Jing Sheng Wu Xue Bao = Chinese Journal of Applied and Environmental Biology</i> , 2013, 19, 241-248.	0.1	0