

Joungmok Kim

List of Publications by Year in descending order

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35
papers

11,062
citations

394421

19
h-index

377865

34
g-index

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all docs

35
docs citations

35
times ranked

18684
citing authors

#	ARTICLE	IF	CITATIONS
1	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. <i>Nature Cell Biology</i> , 2011, 13, 132-141.	10.3	5,447
2	ULK1 induces autophagy by phosphorylating Beclin-1 and activating VPS34 lipid kinase. <i>Nature Cell Biology</i> , 2013, 15, 741-750.	10.3	1,255
3	mTOR as a central hub of nutrient signalling and cell growth. <i>Nature Cell Biology</i> , 2019, 21, 63-71.	10.3	698
4	AMPK and mTOR in Cellular Energy Homeostasis and Drug Targets. <i>Annual Review of Pharmacology and Toxicology</i> , 2012, 52, 381-400.	9.4	650
5	Differential Regulation of Distinct Vps34 Complexes by AMPK in Nutrient Stress and Autophagy. <i>Cell</i> , 2013, 152, 290-303.	28.9	646
6	AMPK activators: mechanisms of action and physiological activities. <i>Experimental and Molecular Medicine</i> , 2016, 48, e224-e224.	7.7	522
7	The autophagy initiating kinase ULK1 is regulated via opposing phosphorylation by AMPK and mTOR. <i>Autophagy</i> , 2011, 7, 643-644.	9.1	508
8	Autophagy: An Essential Degradation Program for Cellular Homeostasis and Life. <i>Cells</i> , 2018, 7, 278.	4.1	245
9	Reactive oxygen species stabilize hypoxia-inducible factor-1 alpha protein and stimulate transcriptional activity via AMP-activated protein kinase in DU145 human prostate cancer cells. <i>Carcinogenesis</i> , 2008, 29, 713-721.	2.8	210
10	Amino Acid Signaling in TOR Activation. <i>Annual Review of Biochemistry</i> , 2011, 80, 1001-1032.	11.1	202
11	AMPK and autophagy in glucose/glycogen metabolism. <i>Molecular Aspects of Medicine</i> , 2015, 46, 46-62.	6.4	175
12	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. <i>Autophagy</i> , 2017, 13, 592-607.	9.1	71
13	Ezetimibe, an NPC1L1 inhibitor, is a potent Nrf2 activator that protects mice from diet-induced nonalcoholic steatohepatitis. <i>Free Radical Biology and Medicine</i> , 2016, 99, 520-532.	2.9	62
14	AMPK and mTOR Signaling and Cellular Adaptations in Hypoxia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9765.	4.1	56
15	Rag GTPase in amino acid signaling. <i>Amino Acids</i> , 2016, 48, 915-928.	2.7	42
16	Advances in Anthrax Detection: Overview of Bioprobes and Biosensors. <i>Applied Biochemistry and Biotechnology</i> , 2015, 176, 957-977.	2.9	37
17	Recent advances in rapid and ultrasensitive biosensors for infectious agents: lesson from Bacillus anthracis diagnostic sensors. <i>Analyst</i> , The, 2010, 135, 1182.	3.5	34
18	AMPK connects energy stress to PIK3C3/VPS34 regulation. <i>Autophagy</i> , 2013, 9, 1110-1111.	9.1	34

#	ARTICLE	IF	CITATIONS
19	Novel pharmacological modulators of autophagy: an updated patent review (2012-2015). <i>Expert Opinion on Therapeutic Patents</i> , 2016, 26, 1273-1289.	5.0	30
20	Production and proteolytic assay of lethal factor from <i>Bacillus anthracis</i> . <i>Protein Expression and Purification</i> , 2003, 30, 293-300.	1.3	17
21	Ursolic Acid Causes Cell Death in PC-12 Cells by Inducing Apoptosis and Impairing Autophagy. <i>Anticancer Research</i> , 2018, 38, 847-853.	1.1	16
22	Effects of deletions at the C-terminus of tobacco acetohydroxyacid synthase on the enzyme activity and cofactor binding. <i>Biochemical Journal</i> , 2004, 384, 59-68.	3.7	15
23	Targeting of AMP-activated protein kinase: prospects for computer-aided drug design. <i>Expert Opinion on Drug Discovery</i> , 2017, 12, 47-59.	5.0	14
24	Screening methods for AMP-activated protein kinase modulators: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2015, 25, 261-277.	5.0	11
25	Induction of Cell Death by Betulinic Acid through Induction of Apoptosis and Inhibition of Autophagic Flux in Microglia BV-2 Cells. <i>Biomolecules and Therapeutics</i> , 2017, 25, 618-624.	2.4	11
26	Implication of pH in the catalytic properties of anthrax lethal factor. <i>Biochemical and Biophysical Research Communications</i> , 2004, 313, 217-222.	2.1	10
27	Development of high-throughput assay of lethal factor using native substrate. <i>Analytical Biochemistry</i> , 2005, 341, 33-39.	2.4	9
28	The effects of anthrax lethal factor on the macrophage proteome: Potential activity on nitric oxide synthases. <i>Archives of Biochemistry and Biophysics</i> , 2008, 472, 58-64.	3.0	9
29	Development of in vitro PIK3C3/VPS34 complex protein assay for autophagy-specific inhibitor screening. <i>Analytical Biochemistry</i> , 2015, 480, 21-27.	2.4	6
30	ANTHRAX LETHAL FACTOR: CRITICAL VIRULENCE FACTOR OF PATHOGENESIS OF ANTHRAX TOXINS. <i>Toxin Reviews</i> , 2006, 25, 109-124.	3.4	5
31	Bacterial Overexpression and Denaturing Purification of VPS34-Binding Domain of Beclin 1. <i>Journal of Microbiology and Biotechnology</i> , 2016, 26, 1808-1816.	2.1	5
32	Systematic analyses of the ultraviolet radiation resistance-associated gene product (UVRAG) protein interactome by tandem affinity purification. <i>Archives of Pharmacal Research</i> , 2016, 39, 370-379.	6.3	4
33	Yeast-hybrid based high-throughput assay for identification of anthrax lethal factor inhibitors. <i>Biochemical and Biophysical Research Communications</i> , 2011, 404, 517-522.	2.1	3
34	An alcoholic extract of <i>Thuja orientalis</i> L. leaves inhibits autophagy by specifically targeting pro-autophagy PIK3C3/VPS34 complex. <i>Scientific Reports</i> , 2021, 11, 17712.	3.3	3
35	AMPK and mTOR in nutrient signaling and autophagy regulation. <i>FASEB Journal</i> , 2013, 27, 99.1.	0.5	0