Joungmok Kim

List of Publications by Year
in descending order

35 papers	11,062 citations	394421 19 h-index	377865 34 g-index
35 all docs	35 docs citations	35 times ranked	18684 citing authors

#	Article	IF	Citations
1	AMPKâ€“mTOR Signaling and Cellular Adaptations in Hypoxia. International Journal of Molecular Sciences, 2021, 22, 9765.	4.1	56
2	An alcoholic extract of Thuja orientalis L. leaves inhibits autophagy by specifically targeting pro-autophagy PIK3C3/VPS34 complex. Scientific Reports, 2021, 11, 17712.	3.3	3
3	mTOR as a central hub of nutrient signalling and cell growth. Nature Cell Biology, 2019, 21, 63-71.	10.3	698
4	Autophagy: An Essential Degradation Program for Cellular Homeostasis and Life. Cells, 2018, 7, 278.	4.1	245
5	Ursolic Acid Causes Cell Death in PC-12 Cells by Inducing Apoptosis and Impairing Autophagy. Anticancer Research, 2018, 38, 847-853.	1.1	16
6	MTORC1-mediated NRBF2 phosphorylation functions as a switch for the class III PtdIns3K and autophagy. Autophagy, 2017, 13, 592-607.	9.1	71
7	Targeting of AMP-activated protein kinase: prospects for computer-aided drug design. Expert Opinion on Drug Discovery, 2017, 12, 47-59.	5.0	14
8	Induction of Cell Death by Betulinic Acid through Induction of Apoptosis and Inhibition of Autophagic Flux in Microglia BV-2 Cells. Biomolecules and Therapeutics, 2017, 25, 618-624.	2.4	11
9	AMPK activators: mechanisms of action and physiological activities. Experimental and Molecular Medicine, 2016, 48, e224-e224.	7.7	522
10	Novel pharmacological modulators of autophagy: an updated patent review (2012-2015). Expert Opinion on Therapeutic Patents, 2016, 26, 1273-1289.	5.0	30
11	Ezetimibe, an NPC1L1 inhibitor, is a potent Nrf2 activator that protects mice from diet-induced nonalcoholic steatohepatitis. Free Radical Biology and Medicine, 2016, 99, 520-532.	2.9	62
12	Rag GTPase in amino acid signaling. Amino Acids, 2016, 48, 915-928.	2.7	42
13	Systematic analyses of the ultraviolet radiation resistance-associated gene product (UVRAG) protein interactome by tandem affinity purification. Archives of Pharmacal Research, 2016, 39, 370-379.	6.3	4
14	Bacterial Overexpression and Denaturing Purification of VPS34-Binding Domain of Beclin 1. Journal of Microbiology and Biotechnology, 2016, 26, 1808-1816.	2.1	5
15	Screening methods for AMP-activated protein kinase modulators: a patent review. Expert Opinion on Therapeutic Patents, 2015, 25, 261-277.	5.0	11
16	Development of in vitro PIK3C3/VPS34 complex protein assay for autophagy-specific inhibitor screening. Analytical Biochemistry, 2015, 480, 21-27.	2.4	6
17	Advances in Anthrax Detection: Overview of Bioprobes and Biosensors. Applied Biochemistry and Biotechnology, 2015, 176, 957-977.	2.9	37
18	AMPK and autophagy in glucose/glycogen metabolism. Molecular Aspects of Medicine, 2015, 46, 46-62.	6.4	175

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19	Differential Regulation of Distinct Vps34 Complexes by AMPK in Nutrient Stress and Autophagy. Cell, 2013, 152, 290-303.	28.9	646
20	ULK1 induces autophagy by phosphorylating Beclin-1 and activating VPS34 lipid kinase. Nature Cell Biology, 2013, 15, 741-750.	10.3	1,255
21	AMPK connects energy stress to PIK3C3/VPS34 regulation. Autophagy, 2013, 9, 1110-1111.	9.1	34
22	AMPK and mTOR in nutrient signaling and autophagy regulation. FASEB Journal, 2013, 27, 99.1.	0.5	0
23	AMPK and mTOR in Cellular Energy Homeostasis and Drug Targets. Annual Review of Pharmacology and Toxicology, 2012, 52, 381-400.	9.4	650
24	Yeast-hybrid based high-throughput assay for identification of anthrax lethal factor inhibitors. Biochemical and Biophysical Research Communications, 2011, 404, 517-522.	2.1	3
25	Amino Acid Signaling in TOR Activation. Annual Review of Biochemistry, 2011, 80, 1001-1032.	11.1	202
26	AMPK and mTOR regulate autophagy through direct phosphorylation of Ulk1. Nature Cell Biology, 2011, 13, 132-141.	10.3	5,447
27	The autophagy initiating kinase ULK1 is regulated via opposing phosphorylation by AMPK and mTOR. Autophagy, 2011, 7, 643-644.	9.1	508
28	Recent advances in rapid and ultrasensitive biosensors for infectious agents: lesson from Bacillus anthracis diagnostic sensors. Analyst, The, 2010, 135, 1182.	3.5	34
29	The effects of anthrax lethal factor on the macrophage proteome: Potential activity on nitric oxide synthases. Archives of Biochemistry and Biophysics, 2008, 472, 58-64.	3.0	9
30	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. Carcinogenesis, 2008, 29, 713-721.	2.8	210
31	ANTHRAX LETHAL FACTOR: CRITICAL VIRULENCE FACTOR OF PATHOGENESIS OF ANTHRAX TOXINS. Toxin Reviews, 2006, 25, 109-124.	3.4	5
32	Development of high-throughput assay of lethal factor using native substrate. Analytical Biochemistry, 2005, 341, 33-39.	2.4	9
33	Implication of pH in the catalytic properties of anthrax lethal factor. Biochemical and Biophysical Research Communications, 2004, 313, 217-222.	2.1	10
34	Effects of deletions at the C-terminus of tobacco acetohydroxyacid synthase on the enzyme activity and cofactor binding. Biochemical Journal, 2004, 384, 59-68.	3.7	15
35	Production and proteolytic assay of lethal factor from Bacillus anthracis. Protein Expression and Purification, 2003, 30, 293-300.	1.3	17