

Soo Han Bae

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

8,089
citations

361413

20
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

17875
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (edition	9.1	1,430
3	Sestrins Activate Nrf2 by Promoting p62-Dependent Autophagic Degradation of Keap1 and Prevent Oxidative Liver Damage. <i>Cell Metabolism</i> , 2013, 17, 73-84.	16.2	415
4	SESN2/sestrin2 suppresses sepsis by inducing mitophagy and inhibiting NLRP3 activation in macrophages. <i>Autophagy</i> , 2016, 12, 1272-1291.	9.1	218
5	Ezetimibe ameliorates steatohepatitis via AMP activated protein kinase-TFEB-mediated activation of autophagy and NLRP3 inflammasome inhibition. <i>Autophagy</i> , 2017, 13, 1767-1781.	9.1	152
6	Feedback Control of Adrenal Steroidogenesis via H ₂ O ₂ -Dependent, Reversible Inactivation of Peroxiredoxin III in Mitochondria. <i>Molecular Cell</i> , 2012, 46, 584-594.	9.7	149
7	NRF2/ARE pathway negatively regulates BACE1 expression and ameliorates cognitive deficits in mouse Alzheimer's models. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 12516-12523.	7.1	132
8	The antioxidant function of sestrins is mediated by promotion of autophagic degradation of Keap1 and Nrf2 activation and by inhibition of mTORC1. <i>Free Radical Biology and Medicine</i> , 2015, 88, 205-211.	2.9	115
9	SQSTM1/p62 activates NFE2L2/NRF2 via ULK1-mediated autophagic KEAP1 degradation and protects mouse liver from lipotoxicity. <i>Autophagy</i> , 2020, 16, 1949-1973.	9.1	100
10	Sestrin 2 Is Not a Reductase for Cysteine Sulfinic Acid of Peroxiredoxins. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 739-745.	5.4	92
11	Concerted action of sulfiredoxin and peroxiredoxin I protects against alcohol-induced oxidative injury in mouse liver. <i>Hepatology</i> , 2011, 53, 945-953.	7.3	77
12	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
13	Induction of Sulfiredoxin via an Nrf2-Dependent Pathway and Hyperoxidation of Peroxiredoxin III in the Lungs of Mice Exposed to Hyperoxia. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 937-948.	5.4	50
14	Dual roles of ULK1 (unc-51 like autophagy activating kinase 1) in cytoprotection against lipotoxicity. <i>Autophagy</i> , 2020, 16, 86-105.	9.1	41
15	TPT1 (tumor protein, translationally-controlled 1) negatively regulates autophagy through the BECN1 interactome and an MTORC1-mediated pathway. <i>Autophagy</i> , 2017, 13, 820-833.	9.1	32
16	The hypertension drug, verapamil, activates Nrf2 by promoting p62-dependent autophagic Keap1 degradation and prevents acetaminophen-induced cytotoxicity. <i>BMB Reports</i> , 2017, 50, 91-96.	2.4	31
17	A GLP-1/GLP-2 receptor dual agonist to treat NASH: Targeting the gut-liver axis and microbiome. <i>Hepatology</i> , 2022, 75, 1523-1538.	7.3	29
18	Implantable Vascularized Liver Chip for Cross-Validation of Disease Treatment with Animal Model. <i>Advanced Functional Materials</i> , 2019, 29, 1900075.	14.9	28

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19	Lysosomal Ca ²⁺ -mediated TFEB activation modulates mitophagy and functional adaptation of pancreatic β -cells to metabolic stress. <i>Nature Communications</i> , 2022, 13, 1300.	12.8	28
20	Fenofibrate activates Nrf2 through p62-dependent Keap1 degradation. <i>Biochemical and Biophysical Research Communications</i> , 2015, 465, 542-547.	2.1	27
21	Concerted action of p62 and Nrf2 protects cells from palmitic acid-induced lipotoxicity. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 131-137.	2.1	27
22	CB1 receptor blockade ameliorates hepatic fat infiltration and inflammation and increases Nrf2-AMPK pathway in a rat model of severely uncontrolled diabetes. <i>PLoS ONE</i> , 2018, 13, e0206152.	2.5	25
23	p62 prevents carbonyl cyanide m-chlorophenyl hydrazine (CCCP)-induced apoptotic cell death by activating Nrf2. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 1139-1144.	2.1	20
24	p62/SQSTM1 is required for the protection against endoplasmic reticulum stress-induced apoptotic cell death. <i>Free Radical Research</i> , 2016, 50, 1408-1421.	3.3	19
25	PF-4708671, a specific inhibitor of p70 ribosomal S6 kinase 1, activates Nrf2 by promoting p62-dependent autophagic degradation of Keap1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 466, 499-504.	2.1	17
26	Repositioning of niclosamide ethanolamine (NEN), an anthelmintic drug, for the treatment of lipotoxicity. <i>Free Radical Biology and Medicine</i> , 2019, 137, 143-157.	2.9	17
27	Inactivation of Sirtuin2 protects mice from acetaminophen-induced liver injury: possible involvement of ER stress and S6K1 activation. <i>BMB Reports</i> , 2019, 52, 190-195.	2.4	14
28	PERK prevents hepatic lipotoxicity by activating the p62-ULK1 axis-mediated noncanonical KEAP1-Nrf2 pathway. <i>Redox Biology</i> , 2022, 50, 102235.	9.0	12
29	Ezetimibe ameliorates lipid accumulation during adipogenesis by regulating the AMPK-mTORC1 pathway. <i>FASEB Journal</i> , 2020, 34, 898-911.	0.5	10
30	The Antidiabetic Drug Liraglutide Protects Mice From Lipogenesis-Induced Liver Injury via Mechanistic Target of Rapamycin Complex 1 Inhibition. <i>Frontiers in Endocrinology</i> , 2018, 9, 539.	3.5	6
31	All-Trans Retinoic Acid Synergizes with Enasidenib to Induce Differentiation of IDH2-Mutant Acute Myeloid Leukemia Cells. <i>Yonsei Medical Journal</i> , 2020, 61, 762.	2.2	6
32	Study of the Signaling Function of Sulfiredoxin and Peroxiredoxin III in Isolated Adrenal Gland. <i>Methods in Enzymology</i> , 2013, 527, 169-181.	1.0	2
33	Genetic and Chemical Effects on Somatic and Germline Aging. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-2.	4.0	2
34	Interplay between Saturated Free Fatty Acids and mmLDL Induces Inflammation in LPS-stimulated Macrophages. <i>Korean Circulation Journal</i> , 2021, 51, 81.	1.9	2
35	Phosphoinositide 3-kinase inhibitors are effective therapeutic drugs for the treatment of hepatocellular carcinoma?. <i>Clinical and Molecular Hepatology</i> , 2020, 26, 577-578.	8.9	1