

# Byung-Hoon Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

6,779  
citations

218677

26  
h-index

161849

54  
g-index

56  
all docs

56  
docs citations

56  
times ranked

17308  
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	Uric acid induces fat accumulation via generation of endoplasmic reticulum stress and SREBP-1c activation in hepatocytes. <i>Laboratory Investigation</i> , 2014, 94, 1114-1125.	3.7	196
3	Uric acid induces endothelial dysfunction by vascular insulin resistance associated with the impairment of nitric oxide synthesis. <i>FASEB Journal</i> , 2014, 28, 3197-3204.	0.5	164
4	Ubiquitylation of p62/sequestosome1 activates its autophagy receptor function and controls selective autophagy upon ubiquitin stress. <i>Cell Research</i> , 2017, 27, 657-674.	12.0	143
5	Cytotoxic Lavandulyl Flavanones from <i>Sophora flavescens</i> . <i>Journal of Natural Products</i> , 2000, 63, 680-681.	3.0	128
6	D-Erythroascorbic acid is an important antioxidant molecule in <i>Saccharomyces cerevisiae</i> . <i>Molecular Microbiology</i> , 1998, 30, 895-903.	2.5	105
7	An inhibitor of the proteasomal deubiquitinating enzyme USP14 induces tau elimination in cultured neurons. <i>Journal of Biological Chemistry</i> , 2017, 292, 19209-19225.	3.4	98
8	Differential gene expression and lipid metabolism in fatty liver induced by acute ethanol treatment in mice. <i>Toxicology and Applied Pharmacology</i> , 2007, 223, 225-233.	2.8	87
9	Role of the AMPK/SREBP-1 pathway in the development of orotic acid-induced fatty liver. <i>Journal of Lipid Research</i> , 2011, 52, 1617-1625.	4.2	82
10	Genomics-based screening of differentially expressed genes in the brains of mice exposed to silver nanoparticles via inhalation. <i>Journal of Nanoparticle Research</i> , 2010, 12, 1567-1578.	1.9	74
11	D-Arabinose dehydrogenase and its gene from <i>Saccharomyces cerevisiae</i> . <i>BBA - Proteins and Proteomics</i> , 1998, 1429, 29-39.	2.1	60
12	Hepatic Gene Expression Profiling and Lipid Homeostasis in Mice Exposed to Steatogenic Drug, Tetracycline. <i>Toxicological Sciences</i> , 2006, 94, 206-216.	3.1	57
13	L-Serine Supplementation Attenuates Alcoholic Fatty Liver by Enhancing Homocysteine Metabolism in Mice and Rats. <i>Journal of Nutrition</i> , 2015, 145, 260-267.	2.9	57
14	Diclofenac impairs autophagic flux via oxidative stress and lysosomal dysfunction: Implications for hepatotoxicity. <i>Redox Biology</i> , 2020, 37, 101751.	9.0	49
15	Gas chromatography-mass spectrometry-based simultaneous quantitative analytical method for urinary oxysterols and bile acids in rats. <i>Analytical Biochemistry</i> , 2011, 408, 242-252.	2.4	48
16	Activation of AMPK by berberine induces hepatic lipid accumulation by upregulation of fatty acid translocase CD36 in mice. <i>Toxicology and Applied Pharmacology</i> , 2017, 316, 74-82.	2.8	45
17	Protective effect of resveratrol derivatives on high-fat diet induced fatty liver by activating AMP-activated protein kinase. <i>Archives of Pharmacal Research</i> , 2014, 37, 1169-1176.	6.3	41
18	The critical role of autophagy in cadmium-induced immunosuppression regulated by endoplasmic reticulum stress-mediated calpain activation in RAW264.7 mouse monocytes. <i>Toxicology</i> , 2018, 393, 15-25.	4.2	39

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19	Manganese-containing superoxide dismutase and its gene from <i>Candida albicans</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1999, 1426, 409-419.	2.4	35
20	Effects of tanshinone IIA on the hepatotoxicity and gene expression involved in alcoholic liver disease. <i>Archives of Pharmacal Research</i> , 2008, 31, 659-665.	6.3	34
21	Mitochondrial NADH-cytochrome b5 reductase plays a crucial role in the reduction of d-erythroascorbyl free radical in <i>Saccharomyces cerevisiae</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2001, 1527, 31-38.	2.4	33
22	<i>Salvia miltiorrhiza</i> Bunge and its active component cryptotanshinone protects primary cultured rat hepatocytes from acute ethanol-induced cytotoxicity and fatty infiltration. <i>Food and Chemical Toxicology</i> , 2009, 47, 98-103.	3.6	32
23	LXR- $\beta$ antagonist meso-dihydroguaiaretic acid attenuates high-fat diet-induced nonalcoholic fatty liver. <i>Biochemical Pharmacology</i> , 2014, 90, 414-424.	4.4	32
24	<i>Salvia miltiorrhiza</i> Inhibits Biliary Obstruction-Induced Hepatocyte Apoptosis by Cytoplasmic Sequestration of p53. <i>Toxicology and Applied Pharmacology</i> , 2002, 182, 27-33.	2.8	31
25	<i>Magnolia officinalis</i> Reverses Alcoholic Fatty Liver by Inhibiting the Maturation of Sterol Regulatory Element-1 Binding Protein-1c. <i>Journal of Pharmacological Sciences</i> , 2009, 109, 486-495.	2.5	31
26	Downregulation of PHGDH expression and hepatic serine level contribute to the development of fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2020, 102, 154000.	3.4	31
27	Chemically Induced Cellular Proteolysis: An Emerging Therapeutic Strategy for Undruggable Targets. <i>Molecules and Cells</i> , 2018, 41, 933-942.	2.6	30
28	Gene expression profiling in human lung fibroblast following cadmium exposure. <i>Food and Chemical Toxicology</i> , 2008, 46, 1131-1137.	3.6	29
29	Increased Hepatic Fatty Acid Uptake and Esterification Contribute to Tetracycline-Induced Steatosis in Mice. <i>Toxicological Sciences</i> , 2015, 145, 273-282.	3.1	27
30	The deubiquitinating enzyme Usp14 controls ciliogenesis and Hedgehog signaling. <i>Human Molecular Genetics</i> , 2019, 28, 764-777.	2.9	25
31	Deubiquitination Reactions on the Proteasome for Proteasome Versatility. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5312.	4.1	24
32	Analysis of hepatic gene expression during fatty liver change due to chronic ethanol administration in mice. <i>Toxicology and Applied Pharmacology</i> , 2009, 235, 312-320.	2.8	22
33	Activation of Autophagy Rescues Amiodarone-Induced Apoptosis of Lung Epithelial Cells and Pulmonary Toxicity in Rats. <i>Toxicological Sciences</i> , 2013, 136, 193-204.	3.1	20
34	Inhibition of homocysteine-induced endoplasmic reticulum stress and endothelial cell damage by l-serine and glycine. <i>Toxicology in Vitro</i> , 2016, 34, 138-145.	2.4	19
35	Activation of SIRT1 by l-serine increases fatty acid oxidation and reverses insulin resistance in C2C12 myotubes (l-serine activates SIRT1 in C2C12 myotubes). <i>Cell Biology and Toxicology</i> , 2019, 35, 457-470.	5.3	19
36	Protective effect of EX-527 against high-fat diet-induced diabetic nephropathy in Zucker rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 390, 114899.	2.8	18

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37	Involvement of E2F1 transcriptional activity in cadmium-induced cell cycle arrest at G1 in human lung fibroblasts. <i>Environmental and Molecular Mutagenesis</i> , 2011, 52, 145-152.	2.2	14
38	Orotic Acid Induces Hypertension Associated with Impaired Endothelial Nitric Oxide Synthesis. <i>Toxicological Sciences</i> , 2015, 144, 307-317.	3.1	13
39	Cinnamamides, Novel Liver X Receptor Antagonists that Inhibit Ligand-Induced Lipogenesis and Fatty Liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 355, 362-369.	2.5	13
40	Hepatic upregulation of fetuin-A mediates acetaminophen-induced liver injury through activation of TLR4 in mice. <i>Biochemical Pharmacology</i> , 2019, 166, 46-55.	4.4	13
41	Small-Molecule Inhibitors Targeting Proteasome-Associated Deubiquitinases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6213.	4.1	12
42	Expression of CYP3A in chronic ethanol-fed mice is mediated by endogenous pregnane X receptor ligands formed by enhanced cholesterol metabolism. <i>Archives of Toxicology</i> , 2015, 89, 579-589.	4.2	10
43	SNX10-mediated degradation of LAMP2A by NSAIDs inhibits chaperone-mediated autophagy and induces hepatic lipid accumulation. <i>Theranostics</i> , 2022, 12, 2351-2369.	10.0	8
44	Z-ligustilide and n-Butylidenephthalide Isolated from the Aerial Parts of <i>Angelica tenuissima</i> Inhibit Lipid Accumulation In Vitro and In Vivo. <i>Planta Medica</i> , 2019, 85, 719-728.	1.3	6
45	Temporal Changes in the Hepatic Fatty Liver in Mice Receiving Standard Lieber-DeCarli Diet. <i>Toxicological Research</i> , 2008, 24, 113-117.	2.1	5
46	The role of SHMT2 in modulating lipid metabolism in hepatocytes via glycine-mediated mTOR activation. <i>Amino Acids</i> , 2022, 54, 823-834.	2.7	5
47	Differential effects of p38 and JNK activation by GSK3 on cadmium-induced autophagy and apoptosis. <i>Toxicology Research</i> , 2015, 4, 976-985.	2.1	4
48	In vitro analysis of proteasome-associated USP14 activity for substrate degradation and deubiquitylation. <i>Methods in Enzymology</i> , 2019, 619, 249-268.	1.0	3
49	Elevated Levels of PDGF Receptor and MDM2 as Potential Biomarkers for Formaldehyde Intoxication. <i>Toxicological Research</i> , 2008, 24, 45-49.	2.1	2
50	Changes in the Expression of Ras-family Genes in Rats Exposed to Formaldehyde by Inhalation. <i>Toxicological Research</i> , 2008, 24, 201-206.	2.1	1
51	CD44 is involved in liver regeneration through enhanced uptake of extracellular cystine. <i>Clinical and Translational Medicine</i> , 2022, 12, e873.	4.0	1
52	Abstract 479: Orotic Acid Induces Hypertension Associated With Impaired Endothelial Nitric Oxide Synthesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, .	2.4	0