

# Hyesook Lee

## List of Publications by Year in descending order

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53  
papers

922  
citations

516215

16  
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552369

26  
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53  
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53  
docs citations

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times ranked

1071  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Effect of Gamma Aminobutyric Acid against Aggravation of Renal Injury Caused by High Salt Intake in Cisplatin-Induced Nephrotoxicity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 502.	1.8	5
2	Induction of apoptotic cell death in human bladder cancer cells by ethanol extract of <i>Zanthoxylum schinifolium</i> leaf, through ROS-dependent inactivation of the PI3K/Akt signaling pathway. <i>Nutrition Research and Practice</i> , 2022, 16, 330.	0.7	3
3	The preventive effect of loganin on oxidative stress-induced cellular damage in human keratinocyte HaCaT cells. <i>BioScience Trends</i> , 2022, 16, 291-300.	1.1	3
4	Inhibition of oxidative stress induced-cytotoxicity by coptisine in V79-4 Chinese hamster lung fibroblasts through the induction of Nrf-2 mediated HO-1 expression. <i>Genes and Genomics</i> , 2021, 43, 17-31.	0.5	9
5	Coptisine induces autophagic cell death through down-regulation of PI3K/Akt/mTOR signaling pathway and up-regulation of ROS-mediated mitochondrial dysfunction in hepatocellular carcinoma Hep3B cells. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108688.	1.4	35
6	Urban Aerosol Particulate Matter Promotes Necrosis and Autophagy via Reactive Oxygen Species-Mediated Cellular Disorders that Are Accompanied by Cell Cycle Arrest in Retinal Pigment Epithelial Cells. <i>Antioxidants</i> , 2021, 10, 149.	2.2	14
7	Betulinic Acid Restricts Human Bladder Cancer Cell Proliferation In Vitro by Inducing Caspase-Dependent Cell Death and Cell Cycle Arrest, and Decreasing Metastatic Potential. <i>Molecules</i> , 2021, 26, 1381.	1.7	15
8	The anti-cancer effect of betulinic acid in u937 human leukemia cells is mediated through ROS-dependent cell cycle arrest and apoptosis. <i>Animal Cells and Systems</i> , 2021, 25, 119-127.	0.8	11
9	ROS-Mediated Anti-Tumor Effect of Coptidis Rhizoma against Human Hepatocellular Carcinoma Hep3B Cells and Xenografts. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4797.	1.8	15
10	Suppression of Lipopolysaccharide-Induced Inflammatory and Oxidative Response by 5-Aminolevulinic Acid in RAW 264.7 Macrophages and Zebrafish Larvae. <i>Biomolecules and Therapeutics</i> , 2021, 29, 685-696.	1.1	21
11	Anti-Inflammatory Effect of Auranofin on Palmitic Acid and LPS-Induced Inflammatory Response by Modulating TLR4 and NOX4-Mediated NF- $\kappa$ B Signaling Pathway in RAW264.7 Macrophages. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5920.	1.8	25
12	Loganin Inhibits Lipopolysaccharide-Induced Inflammation and Oxidative Response through the Activation of the Nrf2/HO-1 Signaling Pathway in RAW264.7 Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 875-883.	0.6	13
13	Inhibition of Proliferation of LNCaP Prostate Cells by Corni Fructus Extract Is Associated with a Decrease in the Expression of Benign Prostatic Hyperplasia-Causing Factors. <i>Journal of Korean Medicine for Obesity Research</i> , 2021, 21, 10-21.	0.7	1
14	The regulation of the TLR4/NF- $\kappa$ B and Nrf2/HO-1 signaling pathways is involved in the inhibition of lipopolysaccharide-induced inflammation and oxidative reactions by morroniside in RAW 264.7 macrophages. <i>Archives of Biochemistry and Biophysics</i> , 2021, 706, 108926.	1.4	49
15	The Protective Effect of Oral Application of Corni Fructus on the Disorders of the Cornea, Conjunctiva, Lacrimal Gland and Retina by Topical Particulate Matter 2.5. <i>Nutrients</i> , 2021, 13, 2986.	1.7	7
16	The Protective Effect of Topical Spermidine on Dry Eye Disease with Retinal Damage Induced by Diesel Particulate Matter 2.5. <i>Pharmaceutics</i> , 2021, 13, 1439.	2.0	7
17	Fisetin Protects HaCaT Human Keratinocytes from Fine Particulate Matter (PM <sub>2.5</sub> )-Induced Oxidative Stress and Apoptosis by Inhibiting the Endoplasmic Reticulum Stress Response. <i>Antioxidants</i> , 2021, 10, 1492.	2.2	11
18	Spermidine Attenuates Oxidative Stress-Induced Apoptosis via Blocking Ca <sup>2+</sup> Overload in Retinal Pigment Epithelial Cells Independently of ROS. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1361.	1.8	18

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19	Induction of Apoptosis by Isoalantolactone in Human Hepatocellular Carcinoma Hep3B Cells through Activation of the ROS-Dependent JNK Signaling Pathway. <i>Pharmaceutics</i> , 2021, 13, 1627.	2.0	14
20	Safety effect of fermented oyster extract on the endocrine disruptor assay in vitro and in vivo. <i>Fisheries and Aquatic Sciences</i> , 2021, 24, 330-339.	0.3	0
21	Mori Ramulus Suppresses Hydrogen Peroxide-Induced Oxidative Damage in Murine Myoblast C2C12 Cells through Activation of AMPK. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11729.	1.8	6
22	Schisandrae Fructus ethanol extract attenuates particulate matter 2.5-induced inflammatory and oxidative responses by blocking the activation of the ROS-dependent NF- $\kappa$ B signaling pathway. <i>Nutrition Research and Practice</i> , 2021, 15, 686.	0.7	7
23	Protection against Oxidative Stress-Induced Apoptosis by Fermented Sea Tangle ( <i>Laminaria japonica</i> ) Tj ETQq1 1 0.784314 rgBT /Ove 2807.	1.9	5
24	Ethanol extract of <i>Chondracanthus tenellus</i> (Harvey) Hommersand attenuates lipopolysaccharide-induced inflammatory and oxidative response by blocking the NF- $\kappa$ B, MAPKs, and PI3K/Akt signaling pathways. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2021, 11, 450.	0.5	1
25	Gamma Aminobutyric Acid-Enriched Fermented Oyster ( <i>Crassostrea gigas</i> ) Increases the Length of the Growth Plate on the Proximal Tibia Bone in Sprague-Dawley Rats. <i>Molecules</i> , 2020, 25, 4375.	1.7	5
26	Induction of Apoptosis by Coptisine in Hep3B Hepatocellular Carcinoma Cells through Activation of the ROS-Mediated JNK Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5502.	1.8	15
27	Hemistepsin A protects human keratinocytes against hydrogen peroxide-induced oxidative stress through activation of the Nrf2/HO-1 signaling pathway. <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108512.	1.4	15
28	Auranofin Attenuates Non-Alcoholic Fatty Liver Disease by Suppressing Lipid Accumulation and NLRP3 Inflammasome-Mediated Hepatic Inflammation In Vivo and In Vitro. <i>Antioxidants</i> , 2020, 9, 1040.	2.2	27
29	Indole-6-carboxaldehyde prevents oxidative stress-induced mitochondrial dysfunction, DNA damage and apoptosis in C2C12 skeletal myoblasts by regulating the ROS-AMPK signaling pathway. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 455-467.	0.8	5
30	A Novel Peptide Oligomer of Bacitracin Induces M1 Macrophage Polarization by Facilitating Ca <sup>2+</sup> Influx. <i>Nutrients</i> , 2020, 12, 1603.	1.7	16
31	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , 2020, 9, 100412.	0.7	5
32	Diesel particulate matter <sub>2.5</sub> promotes epithelial-mesenchymal transition of human retinal pigment epithelial cells via generation of reactive oxygen species. <i>Environmental Pollution</i> , 2020, 262, 114301.	3.7	42
33	Honokiol ameliorates oxidative stress-induced DNA damage and apoptosis of c2c12 myoblasts by ROS generation and mitochondrial pathway. <i>Animal Cells and Systems</i> , 2020, 24, 60-68.	0.8	18
34	Ethanol Extract of <i>Hizikia fusiforme</i> Induces Apoptosis in B16F10 Mouse Melanoma Cells through ROS-Dependent Inhibition of the PI3K/Akt Signaling Pathway. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 1275-1282.	0.5	8
35	Auranofin Enhances Sulforaphane-Mediated Apoptosis in Hepatocellular Carcinoma Hep3B Cells through Inactivation of the PI3K/Akt Signaling Pathway. <i>Biomolecules and Therapeutics</i> , 2020, 28, 443-455.	1.1	32
36	Cytoprotective effects of fermented oyster extracts against oxidative stress-induced DNA damage and apoptosis through activation of the Nrf2/HO-1 signaling pathway in MC3T3-E1 osteoblasts. <i>EXCLI Journal</i> , 2020, 19, 1102-1119.	0.5	6

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37	Anti-Proliferative and Pro-Apoptotic Effects of Licochalcone A through ROS-Mediated Cell Cycle Arrest and Apoptosis in Human Bladder Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3820.	1.8	46
38	Fermented Sea Tangle ( <i>Laminaria japonica</i> Aresch) Suppresses RANKL-Induced Osteoclastogenesis by Scavenging ROS in RAW 264.7 Cells. <i>Foods</i> , 2019, 8, 290.	1.9	4
39	Isorhamnetin Induces Cell Cycle Arrest and Apoptosis Via Reactive Oxygen Species-Mediated AMP-Activated Protein Kinase Signaling Pathway Activation in Human Bladder Cancer Cells. <i>Cancers</i> , 2019, 11, 1494.	1.7	33
40	Citrus unshiu peel suppress the metastatic potential of murine melanoma B16F10 cells in vitro and in vivo. <i>Phytotherapy Research</i> , 2019, 33, 3228-3241.	2.8	8
41	Induction of G2/M Cell Cycle Arrest and Apoptosis by Genistein in Human Bladder Cancer T24 Cells through Inhibition of the ROS-Dependent PI3k/Akt Signal Transduction Pathway. <i>Antioxidants</i> , 2019, 8, 327.	2.2	70
42	Glutathione Induced Immune-Stimulatory Activity by Promoting M1-Like Macrophages Polarization via Potential ROS Scavenging Capacity. <i>Antioxidants</i> , 2019, 8, 413.	2.2	42
43	Sulglycotide ameliorates inflammation in lipopolysaccharide-stimulated mouse macrophage cells by blocking the NF- $\kappa$ B signaling pathway. <i>Immunopharmacology and Immunotoxicology</i> , 2019, 41, 477-484.	1.1	5
44	Protective effect of diphloretohydroxycarmalol against oxidative stress-induced DNA damage and apoptosis in retinal pigment epithelial cells. <i>Cutaneous and Ocular Toxicology</i> , 2019, 38, 298-308.	0.5	20
45	A New Ophthalmic Pharmaceutical Formulation, Topical Sulglycotide, Enhances the Ocular Mucin Secretion in Desiccation Stress-Mediated Dry Eye Disease. , 2019, 60, 1076.		12
46	Protective Effect of Glutathione against Oxidative Stress-induced Cytotoxicity in RAW 264.7 Macrophages through Activating the Nuclear Factor Erythroid 2-Related Factor-2/Heme Oxygenase-1 Pathway. <i>Antioxidants</i> , 2019, 8, 82.	2.2	69
47	Microplasma Jet Arrays as a Therapeutic Choice for Fungal Keratitis. <i>Scientific Reports</i> , 2018, 8, 2422.	1.6	19
48	Anti-inflammatory effect of hydroxyproline-GQDGLAGPK in desiccation stress-induced experimental dry eye mouse. <i>Scientific Reports</i> , 2017, 7, 7413.	1.6	14
49	Quercetin Mitigates Inflammatory Responses Induced by Vascular Endothelial Growth Factor in Mouse Retinal Photoreceptor Cells through Suppression of Nuclear Factor Kappa B. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2497.	1.8	45
50	Therapeutic Efficacy of Nanocomplex of Poly(Ethylene Glycol) and Catechin for Dry Eye Disease in a Mouse Model. , 2017, 58, 1682.		33
51	Chondrocyte-derived extracellular matrix suppresses pathogenesis of human pterygium epithelial cells by blocking the NF- $\kappa$ B signaling pathways. <i>Molecular Vision</i> , 2016, 22, 1490-1502.	1.1	9
52	The Inhibitory Effect of Corni Fructus against Oxidative Stress-induced Cellular Damage in C2C12 Murine Myoblasts. <i>Biotechnology and Bioprocess Engineering</i> , 0, , .	1.4	0
53	Fisetin Attenuated Oxidative Stress-Induced Cellular Damage in ARPE-19 Human Retinal Pigment Epithelial Cells Through Nrf2-Mediated Activation of Heme Oxygenase-1. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4