

Kyu Lim

List of Publications by Year in descending order

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69
papers

10,376
citations

172457

29
h-index

102487

66
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71
all docs

71
docs citations

71
times ranked

23217
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. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Docosahexaenoic acid induces autophagy through p53/AMPK/mTOR signaling and promotes apoptosis in human cancer cells harboring wild-type p53. <i>Autophagy</i> , 2011, 7, 1348-1358.	9.1	177
4	Omega-3 polyunsaturated fatty acids inhibit hepatocellular carcinoma cell growth through blocking β -catenin and cyclooxygenase-2. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3046-3055.	4.1	170
5	Protein-bound polysaccharide from <i>Phellinus linteus</i> induces G2/M phase arrest and apoptosis in SW480 human colon cancer cells. <i>Cancer Letters</i> , 2004, 216, 175-181.	7.2	133
6	The Omega-3 Polyunsaturated Fatty Acid DHA Induces Simultaneous Apoptosis and Autophagy via Mitochondrial ROS-Mediated Akt-mTOR Signaling in Prostate Cancer Cells Expressing Mutant p53. <i>BioMed Research International</i> , 2013, 2013, 1-11.	1.9	128
7	Why is autophagy important in human diseases?. <i>Experimental and Molecular Medicine</i> , 2012, 44, 69.	7.7	110
8	Cyclooxygenase-2-Derived Prostaglandin E2 Activates β -Catenin in Human Cholangiocarcinoma Cells: Evidence for Inhibition of These Signaling Pathways by ω 3 Polyunsaturated Fatty Acids. <i>Cancer Research</i> , 2008, 68, 553-560.	0.9	101
9	Effect of O-Glycosylated Mucin on Invasion and Metastasis of HM7 Human Colon Cancer Cells. <i>Biochemical and Biophysical Research Communications</i> , 1996, 222, 694-699.	2.1	100
10	Active glycolytic metabolism in CD133(+) hepatocellular cancer stem cells: regulation by MIR-122. <i>Oncotarget</i> , 2015, 6, 40822-40835.	1.8	97
11	Cross-talk between Peroxisome Proliferator-Activated Receptor γ and Cytosolic Phospholipase A2/Cyclooxygenase-2/Prostaglandin E2 Signaling Pathways in Human Hepatocellular Carcinoma Cells. <i>Cancer Research</i> , 2006, 66, 11859-11868.	0.9	83
12	Omega-3 Polyunsaturated Fatty Acids and Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 1162-1177.	1.7	77
13	Omega-3 Polyunsaturated Fatty Acids: The Way Forward in Times of Mixed Evidence. <i>BioMed Research International</i> , 2015, 2015, 1-24.	1.9	76
14	Activity and expression of urokinase-type plasminogen activator and matrix metalloproteinases in human colorectal cancer. <i>BMC Cancer</i> , 2006, 6, 211.	2.6	75
15	Bacillus Calmette-Guerin cell wall cytoskeleton enhances colon cancer radiosensitivity through autophagy. <i>Autophagy</i> , 2010, 6, 46-60.	9.1	74
16	Inhibition of hedgehog signaling ameliorates hepatic inflammation in mice with nonalcoholic fatty liver disease. <i>Hepatology</i> , 2016, 63, 1155-1169.	7.3	70
17	Omega-3-Polyunsaturated Fatty Acids Suppress Pancreatic Cancer Cell Growth in vitro and in vivo via Downregulation of Wnt/Beta-Catenin Signaling. <i>Pancreatology</i> , 2011, 11, 574-584.	1.1	68
18	Downregulation of APE1/Ref-1 Is Involved in the Senescence of Mesenchymal Stem Cells. <i>Stem Cells</i> , 2009, 27, 1455-1462.	3.2	63

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19	Protein-bound polysaccharide from <i>Phellinus linteus</i> inhibits tumor growth, invasion, and angiogenesis and alters Wnt/ β -catenin in SW480 human colon cancer cells. <i>BMC Cancer</i> , 2011, 11, 307.	2.6	61
20	Rottlerin induces autophagy and apoptotic cell death through a PKC-delta-independent pathway in HT1080 human fibrosarcoma cells: The protective role of autophagy in apoptosis. <i>Autophagy</i> , 2008, 4, 650-658.	9.1	59
21	Activation of Cytosolic Phospholipase A2 through Nitric Oxide-induced S-Nitrosylation. <i>Journal of Biological Chemistry</i> , 2008, 283, 3077-3087.	3.4	59
22	N-3 polyunsaturated fatty acids restore Th17 and Treg balance in collagen antibody-induced arthritis. <i>PLoS ONE</i> , 2018, 13, e0194331.	2.5	56
23	Docosahexaenoic Acid Induces Cell Death in Human Non-Small Cell Lung Cancer Cells by Repressing mTOR via AMPK Activation and PI3K/Akt Inhibition. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	46
24	Gabexate Mesilate Inhibits Colon Cancer Growth, Invasion, and Metastasis by Reducing Matrix Metalloproteinases and Angiogenesis. <i>Clinical Cancer Research</i> , 2004, 10, 4517-4526.	7.0	44
25	ω -3-polyunsaturated fatty acids induce cell death through apoptosis and autophagy in glioblastoma cells: In vitro and in vivo. <i>Oncology Reports</i> , 2018, 39, 239-246.	2.6	44
26	Docosahexaenoic acid-induced apoptosis is mediated by activation of mitogen-activated protein kinases in human cancer cells. <i>BMC Cancer</i> , 2014, 14, 481.	2.6	43
27	Transgenic Expression of Cyclooxygenase-2 in Hepatocytes Accelerates Endotoxin-Induced Acute Liver Failure. <i>Journal of Immunology</i> , 2008, 181, 8027-8035.	0.8	34
28	Omega-3 Polyunsaturated Fatty Acids Upregulate 15-PGDH Expression in Cholangiocarcinoma Cells by Inhibiting miR-26a/b Expression. <i>Cancer Research</i> , 2015, 75, 1388-1398.	0.9	34
29	Docosahexaenoic acid suppresses breast cancer cell metastasis by targeting matrix-metalloproteinases. <i>Oncotarget</i> , 2016, 7, 49961-49971.	1.8	34
30	High Endogenous Accumulation of ω -3 Polyunsaturated Fatty Acids Protect against Ischemia-Reperfusion Renal Injury through AMPK-Mediated Autophagy in Fat-1 Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2081.	4.1	31
31	Follicle-stimulating hormone transiently induces expression of protooncogene c-myc in primary Sertoli cell cultures of early pubertal and prepubertal rat. <i>Molecular and Cellular Endocrinology</i> , 1995, 111, 51-56.	3.2	29
32	Endogenous conversion of n-6 to n-3 polyunsaturated fatty acids attenuates K/BxN serum-transfer arthritis in fat-1 mice. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 713-720.	4.2	27
33	Docosahexaenoic acid prevents paraquat-induced reactive oxygen species production in dopaminergic neurons via enhancement of glutathione homeostasis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 95-100.	2.1	27
34	15-hydroxyprostaglandin dehydrogenase (15-PGDH) prevents lipopolysaccharide (LPS)-induced acute liver injury. <i>PLoS ONE</i> , 2017, 12, e0176106.	2.5	27
35	Omega-3 Fatty Acid-Type Docosahexaenoic Acid Protects against A β -Mediated Mitochondrial Deficits and Pathomechanisms in Alzheimer's Disease-Related Animal Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3879.	4.1	26
36	Cyclooxygenase-2 prevents fas-induced liver injury through up-regulation of epidermal growth factor receptor. <i>Hepatology</i> , 2009, 50, 834-843.	7.3	22

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37	Regulation of Wnt/ β -catenin pathway by cPLA ₂ and PPAR γ . <i>Journal of Cellular Biochemistry</i> , 2008, 105, 534-545.	2.6	21
38	Apiculan A Induces Cell Death through Fas Ligand Up-Regulation and Microtubule Disruption by Tubulin Down-Regulation in HM7 Human Colon Cancer Cells. <i>Clinical Cancer Research</i> , 2007, 13, 6509-6517.	7.0	20
39	Omega-3 Polyunsaturated Fatty Acids May Attenuate Streptozotocin-Induced Pancreatic β -Cell Death via Autophagy Activation in Fat1 Transgenic Mice. <i>Endocrinology and Metabolism</i> , 2015, 30, 569.	3.0	20
40	Differential regulation of vimentin mRNA by 12-O-tetradecanoylphorbol 13-acetate and all-trans-retinoic acid correlates with motility of Hep 3B human hepatocellular carcinoma cells. <i>Cancer Letters</i> , 2004, 203, 99-105.	7.2	19
41	Glucocorticoid Regulation of Androgen Binding Protein Expression in Primary Sertoli Cell Cultures from Rats. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 490-494.	2.1	16
42	Omega-3 Polyunsaturated Fatty Acids Prevent Toxoplasma gondii Infection by Inducing Autophagy via AMPK Activation. <i>Nutrients</i> , 2019, 11, 2137.	4.1	16
43	Adenine suppresses IgE-mediated mast cell activation. <i>Molecular Immunology</i> , 2015, 65, 242-249.	2.2	15
44	Cell Death in Retinoblastoma: Electron Microscopic, Immunohistochemical, and DNA Fragmentation Studies. <i>Ultrastructural Pathology</i> , 2000, 24, 23-32.	0.9	13
45	Adenine attenuates lipopolysaccharide-induced inflammatory reactions. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 379.	1.2	12
46	Induction of Angiogenesis by Matrigel Coating of VEGF-Loaded PEG/PCL-Based Hydrogel Scaffolds for hBMSC Transplantation. <i>Molecules and Cells</i> , 2015, 38, 663-668.	2.6	11
47	High Omega-3 Polyunsaturated Fatty Acids in fat-1 Mice Reduce Inflammatory Pain. <i>Journal of Medicinal Food</i> , 2017, 20, 535-541.	1.5	10
48	Insulin Promotes the Proliferation of Human Umbilical Cord Matrix-Derived Mesenchymal Stem Cells by Activating the Akt-Cyclin D1 Axis. <i>Stem Cells International</i> , 2017, 2017, 1-10.	2.5	10
49	The tumorigenic, invasive and metastatic potential of epithelial and round subpopulations of the SW480 human colon cancer cell line. <i>Molecular Medicine Reports</i> , 2008, 1, 763-8.	2.4	9
50	15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2 induces expression of 15-hydroxyprostaglandin dehydrogenase through Elk-1 activation in human breast cancer MDA-MB-231 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 768, 6-15.	1.0	9
51	Differential regulation of protooncogene c-myc expression in rat ventral prostate after castration. <i>IUBMB Life</i> , 1999, 47, 143-151.	3.4	5
52	ω -3 PUFAs in the Prevention and Cure of Inflammatory, Degenerative, and Neoplastic Diseases 2014. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	5
53	Association of castration-dependent early induction of c-myc expression with a cell proliferation of the ventral prostate gland in rat. <i>Experimental and Molecular Medicine</i> , 2000, 32, 216-221.	7.7	4
54	Modification of octamer binding transcriptional factor is related to H2B histone gene repression during dimethyl sulfoxide-dependent differentiation of HL-60 cells. <i>Cancer Letters</i> , 2001, 172, 165-170.	7.2	4

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55	Apicularen A acetate induces cell death via AIF translocation and disrupts the microtubule network by down-regulating tubulin in HM7 human colon cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 434, 634-640.	2.1	4
56	ATF is important to late S phase-dependent regulation of DNA topoisomerase II \pm gene expression in HeLa cells. <i>Cancer Letters</i> , 2002, 184, 81-88.	7.2	3
57	Transcriptional repression of vimentin gene expression by pyrroline dithiocarbamate during 12-O-tetradecanoylphorbol-13-acetate-dependent differentiation of HL-60 cells. <i>Oncology Reports</i> , 2005, 14, 713.	2.6	3
58	PMA synergistically enhances apicularen A-induced cytotoxicity by disrupting microtubule networks in HeLa cells. <i>BMC Cancer</i> , 2014, 14, 36.	2.6	3
59	Cell cloning-on-the-spot by using an attachable silicone cylinder. <i>Biochemical and Biophysical Research Communications</i> , 2016, 474, 768-772.	2.1	3
60	Tryptophan Negatively Regulates IgE-mediated Mast Cell Activation. <i>Korean Journal of Physical Anthropology</i> , 2017, 30, 53.	0.2	3
61	Fat-1 expression enhance hippocampal memory in scopolamine-induced amnesia. <i>Journal of Nutritional Biochemistry</i> , 2020, 82, 108394.	4.2	3
62	Mechanism of Anti-Invasive Action of Docosahexaenoic Acid in SW480 Human Colon Cancer Cell. <i>Journal of Life Science</i> , 2010, 20, 561-571.	0.2	2
63	Phosphorylation of octamer-binding transcriptional factor may be correlated with H2B histone gene repression during 12-O-tetradecanoylphorbol 13-acetate-dependent differentiation of HL-60 cells. <i>Oncology Reports</i> , 2005, 14, 727-31.	2.6	2
64	Tata element-binding protein is important to epidermal growth factor-dependent induction of H2B histone gene expression in primary hepatocytes from rat. <i>IUBMB Life</i> , 1998, 45, 575-582.	3.4	1
65	Reduced level of ATF is correlated with transcriptional repression of DNA topoisomerase II \pm gene during TPA \hat{a} induced differentiation of HL \hat{a} 60 cells. <i>IUBMB Life</i> , 1998, 46, 35-42.	3.4	1
66	Mechanism of Castration-induced Apoptosis of Ventral Prostate in Rat. <i>Journal of Korean Endocrine Society</i> , 2005, 20, 230.	0.1	0
67	Transcriptional Regulation of the Estrogen Receptor I \pm Gene by Testosterone in Cultures of Primary Rat Sertoli Cells. <i>Journal of Korean Endocrine Society</i> , 2006, 21, 106.	0.1	0
68	ï-3 PUFAs and Other Cancers. , 2010, , 191-217.		0
69	The Gene Expression of Dynorphin, Enkephalin, c-Fos in the Neuropathic Rat. <i>Daehan Macwi'gwa Haghoeji</i> , 1996, 31, 293.	0.2	0