

Ho Jeong Kwon

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

106
papers

4,720
citations

23
h-index

68
g-index

114
ext. papers

5,358
ext. citations

5.2
avg, IF

5.28
L-index

#	Paper	IF	Citations
106	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.	16.2	2783
105	Activation of mitochondrial TUFM ameliorates metabolic dysregulation through coordinating autophagy induction. <i>Communications Biology</i> , 2021 , 4, 1	6.7	176
104	Irreversible inhibition of CD13/aminopeptidase N by the antiangiogenic agent curcumin. <i>Chemistry and Biology</i> , 2003 , 10, 695-704		137
103	Terpestacin inhibits tumor angiogenesis by targeting UQCRB of mitochondrial complex III and suppressing hypoxia-induced reactive oxygen species production and cellular oxygen sensing. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11584-95	5.4	88
102	A new curcumin derivative, HBC, interferes with the cell cycle progression of colon cancer cells via antagonization of the Ca ²⁺ /calmodulin function. <i>Chemistry and Biology</i> , 2004 , 11, 1455-63		88
101	Inhibition of histone deacetylase1 induces autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 1179-83	3.4	83
100	A novel autophagy enhancer as a therapeutic agent against metabolic syndrome and diabetes. <i>Nature Communications</i> , 2018 , 9, 1438	17.4	81
99	Water extract of Korean red ginseng stimulates angiogenesis by activating the PI3K/Akt-dependent ERK1/2 and eNOS pathways in human umbilical vein endothelial cells. <i>Biological and Pharmaceutical Bulletin</i> , 2007 , 30, 1674-9	2.3	70
98	The protective effect of hispidin against hydrogen peroxide-induced apoptosis in H9c2 cardiomyoblast cells through Akt/GSK-3 β and ERK1/2 signaling pathway. <i>Experimental Cell Research</i> , 2014 , 327, 264-75	4.2	47
97	Target deconvolution of bioactive small molecules: the heart of chemical biology and drug discovery. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1627-41	6.1	39
96	Aminopeptidase N/CD13 induces angiogenesis through interaction with a pro-angiogenic protein, galectin-3. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 363, 336-41	3.4	37
95	Pharmacological blockade of cholesterol trafficking by cepharanthine in endothelial cells suppresses angiogenesis and tumor growth. <i>Cancer Letters</i> , 2017 , 409, 91-103	9.9	34
94	Anti-angiogenic activity of terpestacin, a bicyclo sesterterpene from <i>Embellisia chlamydospora</i> . <i>Journal of Antibiotics</i> , 2003 , 56, 492-6	3.7	33
93	Convallatoxin, a dual inducer of autophagy and apoptosis, inhibits angiogenesis in vitro and in vivo. <i>PLoS ONE</i> , 2014 , 9, e91094	3.7	32
92	FK506, an Immunosuppressive Drug, Induces Autophagy by Binding to the V-ATPase Catalytic Subunit A in Neuronal Cells. <i>Journal of Proteome Research</i> , 2017 , 16, 55-64	5.6	31
91	Homoisoflavanone inhibits retinal neovascularization through cell cycle arrest with decrease of cdc2 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 848-52	3.4	31
90	Suppression of morphological transformation by radicicol is accompanied by enhanced gelsolin expression. <i>Oncogene</i> , 1997 , 15, 2625-31	9.2	30

89	Identification of a resveratrol tetramer as a potent inhibitor of hepatitis C virus helicase. <i>British Journal of Pharmacology</i> , 2016 , 173, 191-211	8.6	29
88	NNC 55-0396, a T-type Ca ²⁺ channel inhibitor, inhibits angiogenesis via suppression of hypoxia-inducible factor-1 β signal transduction. <i>Journal of Molecular Medicine</i> , 2015 , 93, 499-509	5.5	28
87	A novel Ca ²⁺ /calmodulin antagonist HBC inhibits angiogenesis and down-regulates hypoxia-inducible factor. <i>Journal of Biological Chemistry</i> , 2010 , 285, 25867-74	5.4	27
86	Identification and validation of bioactive small molecule target through phenotypic screening. <i>Bioorganic and Medicinal Chemistry</i> , 2012 , 20, 1922-8	3.4	26
85	Curcumin and Curcuma longa L. extract ameliorate lipid accumulation through the regulation of the endoplasmic reticulum redox and ER stress. <i>Scientific Reports</i> , 2017 , 7, 6513	4.9	24
84	Antidepressant indatraline induces autophagy and inhibits restenosis via suppression of mTOR/S6 kinase signaling pathway. <i>Scientific Reports</i> , 2016 , 6, 34655	4.9	23
83	A mutation in the mitochondrial protein UQCRB promotes angiogenesis through the generation of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 455, 290-7	3.4	23
82	Functional inhibition of UQCRB suppresses angiogenesis in zebrafish. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 433, 396-400	3.4	22
81	A natural small molecule voacangine inhibits angiogenesis both in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 417, 330-4	3.4	21
80	Identification of a novel small molecule targeting UQCRB of mitochondrial complex III and its anti-angiogenic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011 , 21, 1052-6	2.9	21
79	Clinical protein science in translational medicine targeting malignant melanoma. <i>Cell Biology and Toxicology</i> , 2019 , 35, 293-332	7.4	20
78	HIF-1 β suppressing small molecule, LW6, inhibits cancer cell growth by binding to calcineurin b homologous protein 1. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 458, 14-20	3.4	20
77	Mitochondrial UQCRB regulates VEGFR2 signaling in endothelial cells. <i>Journal of Molecular Medicine</i> , 2013 , 91, 1117-28	5.5	20
76	Drug compound characterization by mass spectrometry imaging in cancer tissue. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1718-27	6.1	19
75	Identification and biological activities of a new antiangiogenic small molecule that suppresses mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 404, 541-5	3.4	19
74	Anti-tumor activity of N-hydroxy-7-(2-naphthylthio) heptanamide, a novel histone deacetylase inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 356, 233-8	3.4	19
73	Eupatilin rescues ciliary transition zone defects to ameliorate ciliopathy-related phenotypes. <i>Journal of Clinical Investigation</i> , 2018 , 128, 3642-3648	15.9	19
72	Antiangiogenic activity of the lipophilic antimicrobial peptides from an endophytic bacterial strain isolated from red pepper leaf. <i>Molecules and Cells</i> , 2015 , 38, 273-8	3.5	17

71	Discovery of new small molecules and targets towards angiogenesis via chemical genomics approach. <i>Current Drug Targets</i> , 2006 , 7, 397-405	3	17
70	Purpurin inhibits adipocyte-derived leucine aminopeptidase and angiogenesis in a zebrafish model. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 450, 561-7	3.4	16
69	Potent inhibition of in vivo angiogenesis and tumor growth by a novel cyclooxygenase-2 inhibitor, enoic acanthoic acid. <i>Cancer Science</i> , 2007 , 98, 1943-8	6.9	16
68	Design, synthesis, and biological evaluation of novel pyrrolo[1,2-a]pyrazine derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 1350-1356	2.9	15
67	Cell-permeable mitochondrial ubiquinol-cytochrome c reductase binding protein induces angiogenesis in vitro and in vivo. <i>Cancer Letters</i> , 2015 , 366, 52-60	9.9	15
66	Exploring the role of mitochondrial UQCRB in angiogenesis using small molecules. <i>Molecular BioSystems</i> , 2013 , 9, 930-9		15
65	Matairesinol inhibits angiogenesis via suppression of mitochondrial reactive oxygen species. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 421, 76-80	3.4	15
64	Autophagonizer, a novel synthetic small molecule, induces autophagic cell death. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 393, 849-54	3.4	15
63	Tricin, 4,5,7-trihydroxy-3,6-dimethoxyflavone, exhibits potent antiangiogenic activity in vitro. <i>International Journal of Oncology</i> , 2016 , 49, 1497-504	4.4	14
62	Development of a novel class of mitochondrial ubiquinol-cytochrome c reductase binding protein (UQCRB) modulators as promising antiangiogenic leads. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 7990-8	8.3	14
61	Mitochondrial UQCRB as a new molecular prognostic biomarker of human colorectal cancer. <i>Experimental and Molecular Medicine</i> , 2017 , 49, e391	12.8	14
60	Acid ceramidase, an emerging target for anti-cancer and anti-angiogenesis. <i>Archives of Pharmacal Research</i> , 2019 , 42, 232-243	6.1	12
59	NBBA, a synthetic small molecule, inhibits TNF-alpha-induced angiogenesis by suppressing the NF-kappaB signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 391, 1500-5	3.4	12
58	Discovery of novel drug targets and their functions using phenotypic screening of natural products. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016 , 43, 221-31	4.2	11
57	The effect of indatraline on angiogenesis suppression through HIF-1 mediated VEGF inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 485, 349-354	3.4	11
56	Reverse Chemical Proteomics Identifies an Unanticipated Human Target of the Antimalarial Artesunate. <i>ACS Chemical Biology</i> , 2019 , 14, 636-643	4.9	11
55	Antiangiogenic activity of herboxidiene via downregulation of vascular endothelial growth factor receptor-2 and hypoxia-inducible factor-1. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1728-35	6.1	11
54	Profiling the Protein Targets of Unmodified Bio-Active Molecules with Drug Affinity Responsive Target Stability and Liquid Chromatography/Tandem Mass Spectrometry. <i>Proteomics</i> , 2020 , 20, e1900325	4.8	11

53	Control of autophagy with small molecules. <i>Archives of Pharmacal Research</i> , 2010 , 33, 1881-9	6.1	11
52	Antidepressant drug sertraline modulates AMPK-MTOR signaling-mediated autophagy via targeting mitochondrial VDAC1 protein. <i>Autophagy</i> , 2021 , 17, 2783-2799	10.2	11
51	Daptomycin, a last-resort antibiotic, binds ribosomal protein S19 in humans. <i>Proteome Science</i> , 2016 , 15, 16	2.6	11
50	A Guanidine-Based Synthetic Compound Suppresses Angiogenesis via Inhibition of Acid Ceramidase. <i>ACS Chemical Biology</i> , 2019 , 14, 11-19	4.9	11
49	The Small Molecule R-(-)-ED-Methylsinephrine Binds to Nucleoporin 153 kDa and Inhibits Angiogenesis. <i>International Journal of Biological Sciences</i> , 2015 , 11, 1088-99	11.2	10
48	Potential anti-cancer activity of N-hydroxy-7-(2-naphthylthio) heptanamide (HNHA), a histone deacetylase inhibitor, against breast cancer both in vitro and in vivo. <i>Cancer Science</i> , 2011 , 102, 343-50	6.9	10
47	Hydrazinobenzoylcurcumin inhibits androgen receptor activity and growth of castration-resistant prostate cancer in mice. <i>Oncotarget</i> , 2015 , 6, 6136-50	3.3	10
46	The Hidden Story of Heterogeneous B-raf V600E Mutation Quantitative Protein Expression in Metastatic Melanoma-Association with Clinical Outcome and Tumor Phenotypes. <i>Cancers</i> , 2019 , 11,	6.6	10
45	Astemizole Inhibits mTOR Signaling and Angiogenesis by Blocking Cholesterol Trafficking. <i>International Journal of Biological Sciences</i> , 2018 , 14, 1175-1185	11.2	9
44	Inhibition of 5-lipoxygenase suppresses vascular endothelial growth factor-induced angiogenesis in endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 1117-22	3.4	9
43	Novel functional proteins coded by the human genome discovered in metastases of melanoma patients. <i>Cell Biology and Toxicology</i> , 2020 , 36, 261-272	7.4	9
42	Improved production of clavulanic acid by reverse engineering and overexpression of the regulatory genes in an industrial <i>Streptomyces clavuligerus</i> strain. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2019 , 46, 1205-1215	4.2	8
41	Approaches for discovering novel bioactive small molecules targeting autophagy. <i>Expert Opinion on Drug Discovery</i> , 2017 , 12, 909-923	6.2	8
40	Downregulation of mitochondrial UQCRB inhibits cancer stem cell-like properties in glioblastoma. <i>International Journal of Oncology</i> , 2018 , 52, 241-251	4.4	8
39	A non-immunosuppressive FK506 analogue with neuroregenerative activity produced from a genetically engineered <i>Streptomyces</i> strain. <i>RSC Advances</i> , 2015 , 5, 6823-6828	3.7	7
38	Identification and validation of calmodulin as a binding protein of an anti-proliferative small molecule 3,4-dihydroisoquinolinium salt. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 423-32	3.1	7
37	Embellistatin, a microtubule polymerization inhibitor, inhibits angiogenesis both in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 353, 376-80	3.4	7
36	Identification and Validation of VEGFR2 Kinase as a Target of Voacangine by a Systematic Combination of DARTS and MSI. <i>Biomolecules</i> , 2020 , 10,	5.9	7

35	A new anti-angiogenic small molecule, G0811, inhibits angiogenesis via targeting hypoxia inducible factor (HIF)-1 β signal transduction. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 441, 399-404	3.4	6
34	Proteomic analysis enables distinction of early- versus advanced-stage lung adenocarcinomas. <i>Clinical and Translational Medicine</i> , 2020 , 10, e106	5.7	5
33	Hsa-miR-10a-5p downregulation in mutant UQCRB-expressing cells promotes the cholesterol biosynthesis pathway. <i>Scientific Reports</i> , 2018 , 8, 12407	4.9	5
32	Identification of EBP50 as a specific biomarker for carcinogens via the analysis of mouse lymphoma cellular proteome. <i>Molecules and Cells</i> , 2012 , 33, 309-16	3.5	5
31	Identification of a novel sulfonamide non-nucleoside reverse transcriptase inhibitor by a phenotypic HIV-1 full replication assay. <i>PLoS ONE</i> , 2013 , 8, e68767	3.7	5
30	Cloning, expression, and biochemical characterization of a new histone deacetylase-like protein from <i>Thermus caldophilus</i> GK24. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 361, 55-61 ^{3,4}	3.4	5
29	Two cyclic hexapeptides from <i>Penicillium</i> sp. FN070315 with antiangiogenic activities. <i>PLoS ONE</i> , 2017 , 12, e0184339	3.7	5
28	The Human Melanoma Proteome Atlas-Complementing the melanoma transcriptome. <i>Clinical and Translational Medicine</i> , 2021 , 11, e451	5.7	5
27	Biobank integration of large-scale clinical and histopathology melanoma studies within the European Cancer Moonshot Lund Center. <i>Clinical and Translational Medicine</i> , 2018 , 7, 28	5.7	5
26	Targeting Autophagy In Disease: Recent Advances In Drug Discovery. <i>Expert Opinion on Drug Discovery</i> , 2020 , 15, 1045-1064	6.2	4
25	MiR-4435 is an UQCRB-related circulating miRNA in human colorectal cancer. <i>Scientific Reports</i> , 2020 , 10, 2833	4.9	4
24	Extract of high hydrostatic pressure-treated danshen (<i>Salvia miltiorrhiza</i>) ameliorates atherosclerosis via autophagy induction. <i>BMB Reports</i> , 2020 , 53, 652-657	5.5	4
23	Development of Turmeric Extract Nanoemulsions and Their Incorporation into Canned Ham. <i>Korean Journal for Food Science of Animal Resources</i> , 2017 , 37, 889-897		4
22	Autophagic Inhibition via Lysosomal Integrity Dysfunction Leads to Antitumor Activity in Glioma Treatment. <i>Cancers</i> , 2020 , 12,	6.6	3
21	Moesin is a biomarker for the assessment of genotoxic carcinogens in mouse lymphoma. <i>Molecules and Cells</i> , 2012 , 33, 203-10	3.5	3
20	The human melanoma proteome atlas-Defining the molecular pathology. <i>Clinical and Translational Medicine</i> , 2021 , 11, e473	5.7	3
19	Proteomic analyses reveal that ginsenoside Rg3() partially reverses cellular senescence in human dermal fibroblasts by inducing peroxiredoxin. <i>Journal of Ginseng Research</i> , 2020 , 44, 50-57	5.8	3
18	Protein Expression in Metastatic Melanoma and the Link to Disease Presentation in a Range of Tumor Phenotypes. <i>Cancers</i> , 2020 , 12,	6.6	2

17	A histone demethylase inhibitor, methylstat, inhibits angiogenesis in vitro and in vivo. <i>RSC Advances</i> , 2014 , 4, 38230-38233	3.7	2
16	Homoharringtonine Induces Apoptosis in Human Colorectal Carcinoma HCT116 Cells Via Downregulation of Wnt/ β Catenin Signaling Cascade. <i>Bulletin of the Korean Chemical Society</i> , 2019 , 40, 196-199	1.2	1
15	Functional analysis of a histone deacetylase-like protein of <i>Thermus caldophilus</i> GK24 in mammalian cell. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 362, 995-1000	3.4	1
14	DNA Polymerase Alpha Subunit B Is a Binding Protein for Erlotinib Resistance in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2020 , 12,	6.6	1
13	Enhanced production of clavulanic acid by improving glycerol utilization using reporter-guided mutagenesis of an industrial <i>Streptomyces clavuligerus</i> strain. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021 , 48,	4.2	1
12	Functional inhibition of fatty acid binding protein 4 ameliorates impaired ciliogenesis in GCs. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 539, 28-33	3.4	1
11	A biobanking turning-point in the use of formalin-fixed, paraffin tumor blocks to unveil kinase signaling in melanoma. <i>Clinical and Translational Medicine</i> , 2021 , 11, e466	5.7	1
10	Development of Novel VEGFR2 Inhibitors Originating from Natural Product Analogues with Antiangiogenic Impact. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 15858-15867	8.3	0
9	Matrix-assisted laser desorption ionization - mass spectrometry imaging of erlotinib reveals a limited tumor tissue distribution in a non-small-cell lung cancer mouse xenograft model. <i>Clinical and Translational Medicine</i> , 2021 , 11, e481	5.7	0
8	Asia-Oceania HUPO: Past, Present, and Future. <i>Molecular and Cellular Proteomics</i> , 2021 , 20, 100048	7.6	0
7	Activation of Ca ²⁺ -AMPK-mediated autophagy by ginsenoside Rg3 attenuates cellular senescence in human dermal fibroblasts. <i>Clinical and Translational Medicine</i> , 2021 , 11, e521	5.7	0
6	A natural small molecule induces MAPT clearance via mTOR-independent autophagy. <i>Biochemical and Biophysical Research Communications</i> , 2021 , 568, 30-36	3.4	0
5	Preface to this special issue on chemical biology and drug discovery. <i>Archives of Pharmacal Research</i> , 2015 , 38, 1561-2	6.1	
4	Use of the Phage Display Technique to Identify the Target Protein	81-90	
3	Uncovering the biological function of UQCRB, a terpestacin-binding mitochondrial protein, implies its pro-angiogenic activity in vitro and in vivo. <i>FASEB Journal</i> , 2012 , 26, 565.13	0.9	
2	Daptomycin suppresses tumor migration and angiogenesis via binding to ribosomal protein S19 in humans. <i>Journal of Antibiotics</i> , 2021 , 74, 726-733	3.7	
1	Upregulation of SNAP25 by HDAC inhibition ameliorates Niemann-Pick Type C disease phenotypes via autophagy induction.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e776	5.7	