

# Seong Who Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

9,234  
citations

257450

24  
h-index

161849

54  
g-index

55  
all docs

55  
docs citations

55  
times ranked

21756  
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	miR-140-5p suppresses BMP2-mediated osteogenesis in undifferentiated human mesenchymal stem cells. <i>FEBS Letters</i> , 2014, 588, 2957-2963.	2.8	123
4	Up-Regulation of Tryptophan Hydroxylase Expression and Serotonin Synthesis by Sertraline. <i>Molecular Pharmacology</i> , 2002, 61, 778-785.	2.3	85
5	Senescence-Associated MCP-1 Secretion Is Dependent on a Decline in BMI1 in Human Mesenchymal Stromal Cells. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 471-485.	5.4	81
6	Mesenchymal Stem Cell Therapy Alleviates Interstitial Cystitis by Activating Wnt Signaling Pathway. <i>Stem Cells and Development</i> , 2015, 24, 1648-1657.	2.1	59
7	Radioresistant Cancer Cells Can Be Conditioned to Enter Senescence by mTOR Inhibition. <i>Cancer Research</i> , 2013, 73, 4267-4277.	0.9	55
8	Mitophagy deficiency increases NLRP3 to induce brown fat dysfunction in mice. <i>Autophagy</i> , 2021, 17, 1205-1221.	9.1	53
9	Branched-chain amino acids sustain pancreatic cancer growth by regulating lipid metabolism. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	7.7	50
10	Mesenchymal stem cells protect against the tissue fibrosis of ketamine-induced cystitis in rat bladder. <i>Scientific Reports</i> , 2016, 6, 30881.	3.3	46
11	Prolonged autophagy by MTOR inhibitor leads radioresistant cancer cells into senescence. <i>Autophagy</i> , 2013, 9, 1631-1632.	9.1	45
12	Endothelial dysfunction induces atherosclerosis: increased aggrecan expression promotes apoptosis in vascular smooth muscle cells. <i>BMB Reports</i> , 2019, 52, 145-150.	2.4	43
13	Albumin-binding caspase-cleavable prodrug that is selectively activated in radiation exposed local tumor. <i>Biomaterials</i> , 2016, 94, 1-8.	11.4	42
14	Phosphorylation of p62 by AMP-activated protein kinase mediates autophagic cell death in adult hippocampal neural stem cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 13795-13808.	3.4	42
15	Progressive Impairment of NK Cell Cytotoxic Degranulation Is Associated With TGF- $\beta$ 1 Deregulation and Disease Progression in Pancreatic Cancer. <i>Frontiers in Immunology</i> , 2019, 10, 1354.	4.8	40
16	The Therapeutic Effects of Human Mesenchymal Stem Cells Primed with Sphingosine-1 Phosphate on Pulmonary Artery Hypertension. <i>Stem Cells and Development</i> , 2015, 24, 1658-1671.	2.1	39
17	Mesenchymal stem cells prevent the progression of diabetic nephropathy by improving mitochondrial function in tubular epithelial cells. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-14.	7.7	39
18	Angiotensin II Causes Apoptosis of Adult Hippocampal Neural Stem Cells and Memory Impairment Through the Action on AMPK-PGC1 $\alpha$ Signaling in Heart Failure. <i>Stem Cells Translational Medicine</i> , 2017, 6, 1491-1503.	3.3	34

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19	p53/BNIP3-dependent mitophagy limits glycolytic shift in radioresistant cancer. <i>Oncogene</i> , 2019, 38, 3729-3742.	5.9	33
20	Small molecule-based lineage switch of human adipose-derived stem cells into neural stem cells and functional GABAergic neurons. <i>Scientific Reports</i> , 2017, 7, 10166.	3.3	31
21	Calpain Determines the Propensity of Adult Hippocampal Neural Stem Cells to Autophagic Cell Death Following Insulin Withdrawal. <i>Stem Cells</i> , 2015, 33, 3052-3064.	3.2	28
22	hMSCs suppress neutrophil-dominant airway inflammation in a murine model of asthma. <i>Experimental and Molecular Medicine</i> , 2017, 49, e288-e288.	7.7	28
23	Degeneration of the nigrostriatal pathway and induction of motor deficit by tetrahydrobiopterin: an in vivo model relevant to Parkinson's disease. <i>Neurobiology of Disease</i> , 2003, 13, 167-176.	4.4	24
24	Interleukin-1 $\beta$ promotes the LC3-mediated secretory function of osteoclast precursors by stimulating the Ca <sup>2+</sup> -dependent activation of ERK. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 54, 198-207.	2.8	24
25	Optimization of a Stable Linker Involved DEVD Peptide-Doxorubicin Conjugate That Is Activated upon Radiation-Induced Caspase-3-Mediated Apoptosis. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 6435-6447.	6.4	24
26	Polymer mesh scaffold combined with cell-derived ECM for osteogenesis of human mesenchymal stem cells. <i>Biomaterials Research</i> , 2016, 20, 6.	6.9	24
27	Phosphorylation of PI3K regulatory subunit p85 contributes to resistance against PI3K inhibitors in radioresistant head and neck cancer. <i>Oral Oncology</i> , 2018, 78, 56-63.	1.5	23
28	Epigenetic regulation of p62/SQSTM1 overcomes the radioresistance of head and neck cancer cells via autophagy-dependent senescence induction. <i>Cell Death and Disease</i> , 2021, 12, 250.	6.3	23
29	Enhanced axonal regeneration by transplanted Wnt3a-secreting human mesenchymal stem cells in a rat model of spinal cord injury. <i>Acta Neurochirurgica</i> , 2017, 159, 947-957.	1.7	20
30	miR-3189-targeted GLUT3 repression by HDAC2 knockdown inhibits glioblastoma tumorigenesis through regulating glucose metabolism and proliferation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 87.	8.6	20
31	Cytogenetic heterogeneity and their serial dynamic changes during acquisition of cytogenetic aberrations in cultured mesenchymal stem cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 777, 60-68.	1.0	18
32	Elevated Neuropeptide Y in Endothelial Dysfunction Promotes Macrophage Infiltration and Smooth Muscle Foam Cell Formation. <i>Frontiers in Immunology</i> , 2019, 10, 1701.	4.8	18
33	Elevated Pentraxin 3 in Obese Adipose Tissue Promotes Adipogenic Differentiation by Activating Neuropeptide Y Signaling. <i>Frontiers in Immunology</i> , 2018, 9, 1790.	4.8	16
34	Epithelial-Mesenchymal Transition: Clinical Implications for Nodal Metastasis and Prognosis of Tongue Cancer. <i>Otolaryngology - Head and Neck Surgery</i> , 2015, 152, 80-86.	1.9	14
35	Radiotherapy-associated Furin Expression and Tumor Invasiveness in Recurrent Laryngeal Cancer. <i>Anticancer Research</i> , 2016, 36, 5117-5126.	1.1	14
36	Development of TRAIL Resistance by Radiation-Induced Hypermethylation of DR4 CpG Island in Recurrent Laryngeal Squamous Cell Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 1203-1211.	0.8	13

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37	The Upregulation of Toll-Like Receptor 3 via Autocrine IFN- $\gamma$ Signaling Drives the Senescence of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells Through JAK1. <i>Frontiers in Immunology</i> , 2019, 10, 1659.	4.8	13
38	miR-351-5p/Miro2 axis contributes to hippocampal neural progenitor cell death via unbalanced mitochondrial fission. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 643-656.	5.1	13
39	EphA3 maintains radioresistance in head and neck cancers through epithelial mesenchymal transition. <i>Cellular Signalling</i> , 2018, 47, 122-130.	3.6	12
40	Effect of $\beta$ -catenin silencing in overcoming radioresistance of head and neck cancer cells by antagonizing the effects of AMPK on Ku70/Ku80. <i>Head and Neck</i> , 2016, 38, E1909-17.	2.0	11
41	Human umbilical cord blood mesenchymal stem cells expansion via human fibroblast-derived matrix and their potentials toward regenerative application. <i>Cell and Tissue Research</i> , 2019, 376, 233-245.	2.9	11
42	Metronomic chemotherapy using orally active carboplatin/deoxycholate complex to maintain drug concentration within a tolerable range for effective cancer management. <i>Journal of Controlled Release</i> , 2017, 249, 42-52.	9.9	10
43	p53-dependent glutamine usage determines susceptibility to oxidative stress in radioresistant head and neck cancer cells. <i>Cellular Signalling</i> , 2021, 77, 109820.	3.6	10
44	Links between accelerated replicative cellular senescence and down-regulation of SPHK1 transcription. <i>BMB Reports</i> , 2019, 52, 220-225.	2.4	10
45	Albumin metabolism targeted peptide-drug conjugate strategy for targeting pan-KRAS mutant cancer. <i>Journal of Controlled Release</i> , 2022, 344, 26-38.	9.9	10
46	Radiotherapy-assisted tumor selective metronomic oral chemotherapy. <i>International Journal of Cancer</i> , 2017, 141, 1912-1920.	5.1	8
47	The role of CIP2A as a therapeutic target of rapamycin in radioresistant head and neck cancer with TP53 mutation. <i>Head and Neck</i> , 2019, 41, 3362-3371.	2.0	6
48	MDM2-dependent Sirt1 degradation is a prerequisite for Sirt6-mediated cell death in head and neck cancers. <i>Experimental and Molecular Medicine</i> , 2021, 53, 422-431.	7.7	6
49	Tristetraprolin Posttranscriptionally Downregulates TRAIL Death Receptors. <i>Cells</i> , 2020, 9, 1851.	4.1	4
50	Optimal Ratio of Wnt3a Expression in Human Mesenchymal Stem Cells Promotes Axonal Regeneration in Spinal Cord Injured Rat Model. <i>Journal of Korean Neurosurgical Society</i> , 2021, 64, 705-715.	1.2	4
51	Feedback amplification of senolysis using caspase-3-cleavable peptide-doxorubicin conjugate and 2DG. <i>Journal of Controlled Release</i> , 2022, 346, 158-168.	9.9	4
52	MicroRNA expression profiling of adult hippocampal neural stem cells upon cell death reveals an autophagic cell death-like pattern. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 674-679.	2.1	3
53	Homotypic Interaction of Stabilin-2 Plays a Critical Role in Lymph Node Metastasis of Tongue Cancer. <i>Anticancer Research</i> , 2016, 36, 6611-6618.	1.1	3
54	CD26 Inhibition Potentiates the Therapeutic Effects of Human Umbilical Cord Blood-Derived Mesenchymal Stem Cells by Delaying Cellular Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 803645.	3.7	2