

# Hyunggee Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

2,354  
citations

236925

25  
h-index

223800

46  
g-index

70  
all docs

70  
docs citations

70  
times ranked

4502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer stem cell heterogeneity: origin and new perspectives on CSC targeting. <i>BMB Reports</i> , 2017, 50, 117-125.	2.4	262
2	ID4 Imparts Chemoresistance and Cancer Stemness to Glioma Cells by Derepressing miR-9*-Mediated Suppression of SOX2. <i>Cancer Research</i> , 2011, 71, 3410-3421.	0.9	189
3	TP53 gain-of-function mutation promotes inflammation in glioblastoma. <i>Cell Death and Differentiation</i> , 2019, 26, 409-425.	11.2	123
4	Inhibitor of differentiation 4 drives brain tumor-initiating cell genesis through cyclin E and notch signaling. <i>Genes and Development</i> , 2008, 22, 2028-2033.	5.9	120
5	Cancer stem cell traits in squamospheres derived from primary head and neck squamous cell carcinomas. <i>Oral Oncology</i> , 2011, 47, 83-91.	1.5	98
6	Cell surface Nestin is a biomarker for glioma stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2013, 433, 496-501.	2.1	88
7	ARS2/MAGL signaling in glioblastoma stem cells promotes self-renewal and M2-like polarization of tumor-associated macrophages. <i>Nature Communications</i> , 2020, 11, 2978.	12.8	78
8	Crosstalk between Glioma-Initiating Cells and Endothelial Cells Drives Tumor Progression. <i>Cancer Research</i> , 2014, 74, 4482-4492.	0.9	77
9	Cancer stem cells and differentiation therapy. <i>Tumor Biology</i> , 2017, 39, 101042831772993.	1.8	76
10	DEAD-box RNA helicase DDX23 modulates glioma malignancy via elevating miR-21 biogenesis. <i>Brain</i> , 2015, 138, 2553-2570.	7.6	67
11	Establishment of TP53-knockout canine cells using optimized CRISPR/Cas9 vector system for canine cancer research. <i>BMC Biotechnology</i> , 2019, 19, 1.	3.3	67
12	Tumoral RANKL activates astrocytes that promote glioma cell invasion through cytokine signaling. <i>Cancer Letters</i> , 2014, 353, 194-200.	7.2	58
13	Pigment Epithelium-Derived Factor (PEDF) Expression Induced by EGFRvIII Promotes Self-renewal and Tumor Progression of Glioma Stem Cells. <i>PLoS Biology</i> , 2015, 13, e1002152.	5.6	56
14	Telomerase Activity-Independent Function of TERT Allows Glioma Cells to Attain Cancer Stem Cell Characteristics by Inducing EGFR Expression. <i>Molecules and Cells</i> , 2011, 31, 9-16.	2.6	55
15	Interaction of tetraspan(in) TM4SF5 with CD44 promotes self-renewal and circulating capacities of hepatocarcinoma cells. <i>Hepatology</i> , 2015, 61, 1978-1997.	7.3	54
16	The molecular mechanisms underlying the therapeutic resistance of cancer stem cells. <i>Archives of Pharmacal Research</i> , 2015, 38, 389-401.	6.3	54
17	Irradiation induces glioblastoma cell senescence and senescence-associated secretory phenotype. <i>Tumor Biology</i> , 2016, 37, 5857-5867.	1.8	48
18	The ID1-CULLIN3 Axis Regulates Intracellular SHH and WNT Signaling in Glioblastoma Stem Cells. <i>Cell Reports</i> , 2016, 16, 1629-1641.	6.4	44

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19	The Neural Stem Cell Fate Determinant TLX Promotes Tumorigenesis and Genesis of Cells Resembling Glioma Stem Cells. <i>Molecules and Cells</i> , 2010, 30, 403-408.	2.6	42
20	Identification of a peptide that interacts with Nestin protein expressed in brain cancer stem cells. <i>Biomaterials</i> , 2011, 32, 8518-8528.	11.4	41
21	Blockade of EGFR signaling promotes glioma stem-like cell invasiveness by abolishing ID3-mediated inhibition of p27KIP1 and MMP3 expression. <i>Cancer Letters</i> , 2013, 328, 235-242.	7.2	32
22	Rab3a promotes brain tumor initiation and progression. <i>Molecular Biology Reports</i> , 2014, 41, 5903-5911.	2.3	32
23	Interferon regulatory factor 3 activates p53-dependent cell growth inhibition. <i>Cancer Letters</i> , 2006, 242, 215-221.	7.2	30
24	Brain cancer stem-like cell genesis from p53-deficient mouse astrocytes by oncogenic Ras. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 496-502.	2.1	30
25	KCTD2, an adaptor of Cullin3 E3 ubiquitin ligase, suppresses gliomagenesis by destabilizing c-Myc. <i>Cell Death and Differentiation</i> , 2017, 24, 649-659.	11.2	28
26	Inhibition of ID1/BMPR2 Intrinsic Signaling Sensitizes Glioma Stem Cells to Differentiation Therapy. <i>Clinical Cancer Research</i> , 2018, 24, 383-394.	7.0	26
27	Human Adipose Tissue-Derived Mesenchymal Stem Cells Target Brain Tumor-Initiating Cells. <i>PLoS ONE</i> , 2015, 10, e0129292.	2.5	26
28	Ly6G+ inflammatory cells enable the conversion of cancer cells to cancer stem cells in an irradiated glioblastoma model. <i>Cell Death and Differentiation</i> , 2019, 26, 2139-2156.	11.2	25
29	Korean Red ginseng extract inhibits glioblastoma propagation by blocking the Wnt signaling pathway. <i>Journal of Ethnopharmacology</i> , 2019, 236, 393-400.	4.1	24
30	ABCB7 simultaneously regulates apoptotic and non-apoptotic cell death by modulating mitochondrial ROS and HIF1 $\alpha$ -driven NF $\kappa$ B signaling. <i>Oncogene</i> , 2020, 39, 1969-1982.	5.9	23
31	Anti-tumor effect of CDK inhibitors on CDKN2A-defective squamous cell lung cancer cells. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 663-675.	4.4	22
32	CD133 Regulates IL-1 $\beta$ Signaling and Neutrophil Recruitment in Glioblastoma. <i>Molecules and Cells</i> , 2017, 40, 515-522.	2.6	21
33	Ginkgetin induces cell death in breast cancer cells via downregulation of the estrogen receptor. <i>Oncology Letters</i> , 2017, 14, 5027-5033.	1.8	20
34	The effects of human recombinant granulocyte-colony stimulating factor treatment during in vitro maturation of porcine oocyte on subsequent embryonic development. <i>Theriogenology</i> , 2015, 84, 1075-1087.	2.1	19
35	Putative embryonic stem cells derived from porcine cloned blastocysts using induced pluripotent stem cells as donors. <i>Theriogenology</i> , 2016, 85, 601-616.	2.1	19
36	STAT3 Inhibitor ODZ10117 Suppresses Glioblastoma Malignancy and Prolongs Survival in a Glioblastoma Xenograft Model. <i>Cells</i> , 2020, 9, 722.	4.1	19

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37	Acetylation of PGC1 $\beta$ by Histone Deacetylase 1 Downregulation Is Implicated in Radiation-Induced Senescence of Brain Endothelial Cells. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 787-793.	3.6	16
38	Modulation of Nogo receptor 1 expression orchestrates myelin-associated infiltration of glioblastoma. <i>Brain</i> , 2021, 144, 636-654.	7.6	16
39	In vitro myogenic and adipogenic differentiation model of genetically engineered bovine embryonic fibroblast cell lines. <i>Biotechnology Letters</i> , 2010, 32, 195-202.	2.2	15
40	Inhibition of BMP signaling overcomes acquired resistance to cetuximab in oral squamous cell carcinomas. <i>Cancer Letters</i> , 2018, 414, 181-189.	7.2	15
41	Epidermal growth factor receptor variant III renders glioma cancer cells less differentiated by JAGGED1. <i>Tumor Biology</i> , 2015, 36, 2921-2928.	1.8	14
42	Friend or Foe: Paradoxical Roles of Autophagy in Gliomagenesis. <i>Cells</i> , 2021, 10, 1411.	4.1	14
43	IRF7 promotes glioma cell invasion by inhibiting AGO2 expression. <i>Tumor Biology</i> , 2015, 36, 5561-5569.	1.8	13
44	Fhit, a tumor suppressor protein, induces autophagy via 14-3-3 $\beta$ , in non-small cell lung cancer cells. <i>Oncotarget</i> , 2017, 8, 31923-31937.	1.8	12
45	BRM270, a Compound from Natural Plant Extracts, Inhibits Glioblastoma Stem Cell Properties and Glioblastoma Recurrence. <i>Journal of Medicinal Food</i> , 2017, 20, 838-845.	1.5	11
46	A cell-autonomous positive-signaling circuit associated with the PDGF-NO-ID4-regulatory axis in glioblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 564-570.	2.1	10
47	Conversion of glioma cells to glioma stem-like cells by angiocrine factors. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 1013-1018.	2.1	10
48	Radiation Induces Autophagy via Histone H4 Lysine 20 Trimethylation in Non-small Cell Lung Cancer Cells. <i>Anticancer Research</i> , 2020, 40, 2537-2548.	1.1	9
49	Comparison of Cellular Transforming Activity of OCT4, NANOG, and SOX2 in Immortalized Astrocytes. <i>DNA and Cell Biology</i> , 2017, 36, 1000-1009.	1.9	8
50	Glioma stem cells and their non-stem differentiated glioma cells exhibit differences in mitochondrial structure and function. <i>Oncology Reports</i> , 2017, 39, 411-416.	2.6	8
51	Production of transgenic pigs using a pGFAP-CreERT2/EGFPloxP inducible system for central nervous system disease models. <i>Journal of Veterinary Science</i> , 2018, 19, 434.	1.3	7
52	Comparative Analysis of Human, Mouse, and Pig Glial Fibrillary Acidic Protein Gene Structures. <i>Animal Biotechnology</i> , 2016, 27, 126-132.	1.5	6
53	SV40 Large T Antigen Disrupts Embryogenesis of Canine and Porcine Somatic Cell Nuclear Transfer Embryo. <i>Biological Procedures Online</i> , 2017, 19, 13.	2.9	6
54	Transcriptional activities of human elongation factor-1 $\beta$ and cytomegalovirus promoter in transgenic dogs generated by somatic cell nuclear transfer. <i>PLoS ONE</i> , 2020, 15, e0233784.	2.5	6

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55	Establishment of Immortal Swine Kidney Epithelial Cells. <i>Animal Biotechnology</i> , 2006, 17, 51-58.	1.5	5
56	Molecular Culprits Generating Brain Tumor Stem Cells. <i>Brain Tumor Research and Treatment</i> , 2013, 1, 9.	1.0	5
57	Verapamil augments carmustine- and irradiation-induced senescence in glioma cells by reducing intracellular reactive oxygen species and calcium ion levels. <i>Tumor Biology</i> , 2017, 39, 101042831769224.	1.8	5
58	Isolation and characterization of GFAP-positive porcine neural stem/progenitor cells derived from a GFAP-CreERT2 transgenic piglet. <i>BMC Veterinary Research</i> , 2018, 14, 331.	1.9	5
59	CONFIGURE: A pipeline for identifying context specific regulatory modules from gene expression data and its application to breast cancer. <i>BMC Medical Genomics</i> , 2019, 12, 97.	1.5	5
60	Combined inhibition of STAT and Notch signalling effectively suppresses tumourigenesis by inducing apoptosis and inhibiting proliferation, migration and invasion in glioblastoma cells. <i>Animal Cells and Systems</i> , 2021, 25, 161-170.	2.2	5
61	LIM domain only 2 induces glioma invasion via cytosolic p27KIP1. <i>Tumor Biology</i> , 2016, 37, 2473-2480.	1.8	3
62	OCT4B Isoform Promotes Anchorage-Independent Growth of Glioblastoma Cells. <i>Molecules and Cells</i> , 2019, 42, 135-142.	2.6	3
63	Generation of reproductive transgenic pigs of a CRISPR-Cas9-based oncogene-inducible system by somatic cell nuclear transfer. <i>Biotechnology Journal</i> , 2022, , 2100434.	3.5	3
64	Dihydropyrimidinase-related protein 5 controls glioblastoma stem cell characteristics as a biomarker of proneural subtype glioblastoma stem cells. <i>Oncology Letters</i> , 2020, 20, 1153-1162.	1.8	2
65	Establishment of 3D Neuro-Organoids Derived from Pig Embryonic Stem-Like Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2600.	4.1	1
66	SC-13 * ID1-CULLIN3 AXIS REGULATES STEM CELL SIGNALING IN GLIOMA. <i>Neuro-Oncology</i> , 2014, 16, v199-v199. 1.2	1.2	0