

# Minoru Kobayashi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9021145/publications.pdf>

Version: 2024-02-01

15  
papers

1,106  
citations

759233

12  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

2082  
citing authors

#	ARTICLE	IF	CITATIONS
1	HIF-1-Dependent Reprogramming of Glucose Metabolic Pathway of Cancer Cells and Its Therapeutic Significance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 238.	4.1	291
2	UCHL1 provides diagnostic and antimetastatic strategies due to its deubiquitinating effect on HIF-1 $\beta$ . <i>Nature Communications</i> , 2015, 6, 6153.	12.8	175
3	Regulatory mechanisms of hypoxia-inducible factor 1 activity: Two decades of knowledge. <i>Cancer Science</i> , 2018, 109, 560-571.	3.9	156
4	HIF-1-mediated metabolic reprogramming reduces ROS levels and facilitates the metastatic colonization of cancers in lungs. <i>Scientific Reports</i> , 2014, 4, 3793.	3.3	94
5	Space Radiation Biology for "Living in Space". <i>BioMed Research International</i> , 2020, 2020, 1-25.	1.9	75
6	A circadian clock gene, <i>PER2</i> , activates <i>HIF1</i> as an effector molecule for recruitment of <i>HIF1</i> to promoter regions of its downstream genes. <i>FEBS Journal</i> , 2017, 284, 3804-3816.	4.7	58
7	Tumor microenvironment and radioresistance. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1029-1035.	7.7	54
8	UCHL1-HIF-1 axis-mediated antioxidant property of cancer cells as a therapeutic target for radiosensitization. <i>Scientific Reports</i> , 2017, 7, 6879.	3.3	53
9	An Overview of the Recent Development of Anticancer Agents Targeting the HIF-1 Transcription Factor. <i>Cancers</i> , 2021, 13, 2813.	3.7	40
10	LY6E: a conductor of malignant tumor growth through modulation of the PTEN/PI3K/Akt/HIF-1 axis. <i>Oncotarget</i> , 2016, 7, 65837-65848.	1.8	35
11	IFN $\beta$ elevates airway hyper-responsiveness via up-regulation of neurokinin A/neurokinin-2 receptor signaling in a severe asthma model. <i>European Journal of Immunology</i> , 2012, 42, 393-402.	2.9	25
12	Neuropeptide Signaling Activates Dendritic Cell-Mediated Type 1 Immune Responses through Neurokinin-2 Receptor. <i>Journal of Immunology</i> , 2012, 188, 4200-4208.	0.8	22
13	The emerging roles of the ubiquitination/deubiquitination system in tumor radioresistance regarding DNA damage responses, cell cycle regulation, hypoxic responses, and antioxidant properties: Insight into the development of novel radiosensitizing strategies. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 803-805, 76-81.	1.0	12
14	PLK1 blockade enhances therapeutic effects of radiation by inducing cell cycle arrest at the mitotic phase. <i>Scientific Reports</i> , 2015, 5, 15666.	3.3	11
15	Proteolysis of a histone acetyl reader, ATAD2, induces chemoresistance of cancer cells under severe hypoxia by inhibiting cell cycle progression in S phase. <i>Cancer Letters</i> , 2022, 528, 76-84.	7.2	5