

Sang-Min Jeon

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.

37
papers

7,047
citations

24
h-index

41
g-index

41
ext. papers

8,175
ext. citations

11.2
avg, IF

6.74
L-index

#	Paper	IF	Citations
37	Upstream and downstream of mTOR. <i>Genes and Development</i> , 2004 , 18, 1926-45	12.6	3169
36	AMPK regulates NADPH homeostasis to promote tumour cell survival during energy stress. <i>Nature</i> , 2012 , 485, 661-5	50.4	777
35	The pentose phosphate pathway and cancer. <i>Trends in Biochemical Sciences</i> , 2014 , 39, 347-54	10.3	663
34	Regulation and function of AMPK in physiology and diseases. <i>Experimental and Molecular Medicine</i> , 2016 , 48, e245	12.8	485
33	Is Akt the "Warburg kinase"?-Akt-energy metabolism interactions and oncogenesis. <i>Seminars in Cancer Biology</i> , 2009 , 19, 25-31	12.7	406
32	FoxOs inhibit mTORC1 and activate Akt by inducing the expression of Sestrin3 and Rictor. <i>Developmental Cell</i> , 2010 , 18, 592-604	10.2	257
31	Hexokinase-2 depletion inhibits glycolysis and induces oxidative phosphorylation in hepatocellular carcinoma and sensitizes to metformin. <i>Nature Communications</i> , 2018 , 9, 446	17.4	193
30	Exploring vitamin D metabolism and function in cancer. <i>Experimental and Molecular Medicine</i> , 2018 , 50, 1-14	12.8	132
29	Targeting interleukin-6 as a strategy to overcome stroma-induced resistance to chemotherapy in gastric cancer. <i>Molecular Cancer</i> , 2019 , 18, 68	42.1	83
28	Spontaneous Hepatocellular Carcinoma after the Combined Deletion of Akt Isoforms. <i>Cancer Cell</i> , 2016 , 29, 523-535	24.3	71
27	The double-edged sword of AMPK signaling in cancer and its therapeutic implications. <i>Archives of Pharmacal Research</i> , 2015 , 38, 346-57	6.1	69
26	A clinical drug library screen identifies clobetasol propionate as an NRF2 inhibitor with potential therapeutic efficacy in KEAP1 mutant lung cancer. <i>Oncogene</i> , 2017 , 36, 5285-5295	9.2	66
25	microRNA-155 positively regulates glucose metabolism via PIK3R1-FOXO3a-cMYC axis in breast cancer. <i>Oncogene</i> , 2018 , 37, 2982-2991	9.2	65
24	Akt isoforms and glucose homeostasis - the leptin connection. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 66-73	8.8	58
23	The dark face of AMPK as an essential tumor promoter. <i>Cellular Logistics</i> , 2012 , 2, 197-202		57
22	Dysregulation of NRF2 in Cancer: from Molecular Mechanisms to Therapeutic Opportunities. <i>Biomolecules and Therapeutics</i> , 2018 , 26, 57-68	4.2	51
21	p53 strikes mTORC1 by employing sestrins. <i>Cell Metabolism</i> , 2008 , 8, 184-5	24.6	45

20	Leptin deficiency and beta-cell dysfunction underlie type 2 diabetes in compound Akt knockout mice. <i>Molecular and Cellular Biology</i> , 2009 , 29, 3151-62	4.8	44
19	Mnk earmarks eIF4E for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 13975-6	11.5	40
18	mTORC1 hyperactivity inhibits serum deprivation-induced apoptosis via increased hexokinase II and GLUT1 expression, sustained Mcl-1 expression, and glycogen synthase kinase 3beta inhibition. <i>Molecular and Cellular Biology</i> , 2009 , 29, 5136-47	4.8	38
17	NRF2 Activation Promotes Aggressive Lung Cancer and Associates with Poor Clinical Outcomes. <i>Clinical Cancer Research</i> , 2021 , 27, 877-888	12.9	33
16	The effect Akt2 deletion on tumor development in Pten(+/-) mice. <i>Oncogene</i> , 2012 , 31, 518-26	9.2	29
15	Up-regulation of cytoskeletal-associated protein 2 in primary human gastric adenocarcinomas. <i>Journal of Cancer Research and Clinical Oncology</i> , 2003 , 129, 621-30	4.9	29
14	Impact of a Ketogenic Diet on Metabolic Parameters in Patients with Obesity or Overweight and with or without Type 2 Diabetes: A Meta-Analysis of Randomized Controlled Trials. <i>Nutrients</i> , 2020 , 12,	6.7	25
13	Antiviral and anti-inflammatory activity of budesonide against human rhinovirus infection mediated via autophagy activation. <i>Antiviral Research</i> , 2018 , 151, 87-96	10.8	24
12	Cardiac glycosides display selective efficacy for STK11 mutant lung cancer. <i>Scientific Reports</i> , 2016 , 6, 29721	4.9	24
11	A cytoskeleton-associated protein, TMAP/CKAP2, is involved in the proliferation of human foreskin fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 348, 222-8	3.4	22
10	Antiviral Activity of Oroxylin A against Coxsackievirus B3 Alleviates Virus-Induced Acute Pancreatic Damage in Mice. <i>PLoS ONE</i> , 2016 , 11, e0155784	3.7	19
9	Trans-scirpusin A showed antitumor effects via autophagy activation and apoptosis induction of colorectal cancer cells. <i>Oncotarget</i> , 2017 , 8, 41401-41411	3.3	13
8	Association between glucose-lowering treatment and cancer metastasis among patients with preexisting type 2 diabetes and incident malignancy. <i>International Journal of Cancer</i> , 2019 , 144, 1530-1539	7.5	12
7	Real-Time In-Organism NMR Metabolomics Reveals Different Roles of AMP-Activated Protein Kinase Catalytic Subunits. <i>Analytical Chemistry</i> , 2020 , 92, 7382-7387	7.8	8
6	Fuelling cancer cells. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 71-72	15.2	5
5	NRF2-driven redox metabolism takes center stage in cancer metabolism from an outside-in perspective. <i>Archives of Pharmacal Research</i> , 2020 , 43, 321-336	6.1	4
4	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	4
3	Diol-ginsenosides from Korean Red Ginseng delay the development of type 1 diabetes in diabetes-prone biobreeding rats. <i>Journal of Ginseng Research</i> , 2020 , 44, 619-626	5.8	4

2	A non-catalytic scaffolding activity of hexokinase 2 contributes to EMT and metastasis.. <i>Nature Communications</i> , 2022 , 13, 899	17.4	2
1	Vancomycin Dosage and Its Association with Clinical Outcomes in Pediatric Patients with Gram-Positive Bacterial Infections. <i>Risk Management and Healthcare Policy</i> , 2020 , 13, 685-695	2.8	0