

Sahng Wook Park

List of Publications by Year in descending order

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33
papers

3,985
citations

430874
18
h-index

414414
32
g-index

33
all docs

33
docs citations

33
times ranked

5674
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined analysis of oligonucleotide microarray data from transgenic and knockout mice identifies direct SREBP target genes. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12027-12032.	7.1	1,233
2	Secreted PCSK9 decreases the number of LDL receptors in hepatocytes and in livers of parabiotic mice. Journal of Clinical Investigation, 2006, 116, 2995-3005.	8.2	587
3	Post-transcriptional Regulation of Low Density Lipoprotein Receptor Protein by Proprotein Convertase Subtilisin/Kexin Type 9a in Mouse Liver. Journal of Biological Chemistry, 2004, 279, 50630-50638.	3.4	442
4	Sterol-dependent regulation of proprotein convertase subtilisin/kexin type 9 expression by sterol-regulatory element binding protein-2. Journal of Lipid Research, 2008, 49, 399-409.	4.2	288
5	Hepatocyte Nuclear Factor 1 α Plays a Critical Role in PCSK9 Gene Transcription and Regulation by the Natural Hypocholesterolemic Compound Berberine. Journal of Biological Chemistry, 2009, 284, 28885-28895.	3.4	270
6	Strong induction of PCSK9 gene expression through HNF1 α and SREBP2: mechanism for the resistance to LDL-cholesterol lowering effect of statins in dyslipidemic hamsters. Journal of Lipid Research, 2010, 51, 1486-1495.	4.2	208
7	Up-regulation of Acetyl-CoA Carboxylase β and Fatty Acid Synthase by Human Epidermal Growth Factor Receptor 2 at the Translational Level in Breast Cancer Cells. Journal of Biological Chemistry, 2007, 282, 26122-26131.	3.4	193
8	Induced polymerization of mammalian acetyl-CoA carboxylase by MIG12 provides a tertiary level of regulation of fatty acid synthesis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9626-9631.	7.1	113
9	Androgen stimulates glycolysis for <i>de novo</i> lipid synthesis by increasing the activities of hexokinase 2 and 6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2 in prostate cancer cells. Biochemical Journal, 2011, 433, 225-233.	3.7	113
10	Krüppel-like Factor 4 (KLF4) Activates the Transcription of the Gene for the Platelet Isoform of Phosphofructokinase (PFKP) in Breast Cancer. Journal of Biological Chemistry, 2011, 286, 23808-23816.	3.4	90
11	Deconvolution of diffuse gastric cancer and the suppression of CD34 on the BALB/c nude mice model. BMC Cancer, 2020, 20, 314.	2.6	74
12	Cyclase-associated protein 1 is a binding partner of proprotein convertase subtilisin/kexin type-9 and is required for the degradation of low-density lipoprotein receptors by proprotein convertase subtilisin/kexin type-9. European Heart Journal, 2020, 41, 239-252.	2.2	61
13	Reversine stimulates adipocyte differentiation and downregulates Akt and p70s6k signaling pathways in 3T3-L1 cells. Biochemical and Biophysical Research Communications, 2007, 358, 553-558.	2.1	51
14	Association of serum proprotein convertase subtilisin/kexin type 9 with carotid intima media thickness in hypertensive subjects. Metabolism: Clinical and Experimental, 2013, 62, 845-850.	3.4	48
15	KLF5 enhances SREBP-1 action in androgen-dependent induction of fatty acid synthase in prostate cancer cells. Biochemical Journal, 2009, 417, 313-322.	3.7	33
16	Role of surface charge in cytotoxicity of charged manganese ferrite nanoparticles towards macrophages. Nanotechnology, 2012, 23, 505702.	2.6	29
17	Inhibition of STAT5A promotes osteogenesis by DLX5 regulation. Cell Death and Disease, 2018, 9, 1136.	6.3	24
18	Welsh onion extract inhibits PCSK9 expression contributing to the maintenance of the LDLR level under lipid depletion conditions of HepG2 cells. Food and Function, 2017, 8, 4582-4591.	4.6	23

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19	Galactosylated manganese ferrite nanoparticles for targeted MR imaging of asialoglycoprotein receptor. <i>Nanotechnology</i> , 2013, 24, 475103.	2.6	16
20	<i>In silico</i> Screening of Chemical Libraries to Develop Inhibitors That Hamper the Interaction of PCSK9 with the LDL Receptor. <i>Yonsei Medical Journal</i> , 2015, 56, 1251.	2.2	16
21	Androgen-dependent activation of human cytomegalovirus major immediate-early promoter in prostate cancer cells. <i>Prostate</i> , 2008, 68, 1450-1460.	2.3	12
22	Induction of hepatic ATP-citrate lyase by insulin in diabetic rat--effects of insulin on the contents of enzyme and its mRNA in cytosol, and the transcriptional activity in nuclei. <i>Yonsei Medical Journal</i> , 1994, 35, 25.	2.2	11
23	Regulation of fatty acid synthase at transcriptional and post-transcriptional levels in rat liver. <i>Yonsei Medical Journal</i> , 1992, 33, 199.	2.2	10
24	Regulation of ATP-citrate lyase gene transcription. <i>Yonsei Medical Journal</i> , 1996, 37, 214.	2.2	9
25	Piceatannol reduces resistance to statins in hypercholesterolemia by reducing PCSK9 expression through p300 acetyltransferase inhibition. <i>Pharmacological Research</i> , 2020, 161, 105205.	7.1	8
26	Coculture with BJ fibroblast cells inhibits the adipogenesis and lipogenesis in 3T3-L1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 520-525.	2.1	7
27	Ambient carbon monoxide exposure and elevated risk of mortality in the glioblastoma patients: A double-cohort retrospective observational study. <i>Cancer Medicine</i> , 2020, 9, 9018-9026.	2.8	6
28	Co-expression of cancer driver genes: IDH-wildtype glioblastoma-derived tumorspheres. <i>Journal of Translational Medicine</i> , 2020, 18, 482.	4.4	4
29	Establishment of a novel human iPSC line (YCMi003-A) from a patient with dilated cardiomyopathy carrying genetic variant LMNA p.Asp364His. <i>Stem Cell Research</i> , 2021, 56, 102508.	0.7	2
30	Generation of a human induced pluripotent stem cell line YCMi004-A from a patient with dilated cardiomyopathy carrying a protein-truncating mutation of the Titin gene and its differentiation towards cardiomyocytes. <i>Stem Cell Research</i> , 2022, 59, 102629.	0.7	2
31	Galactosylated magnetic nanovectors for regulation of lipid metabolism based on biomarker-specific RNAi and MR imaging. <i>Nanotechnology</i> , 2015, 26, 335101.	2.6	1
32	Derivation of YCMi005-A, a human-induced pluripotent stem cell line, from a patient with dilated cardiomyopathy carrying missense variant in TPM1 (p. Glu192Lys). <i>Stem Cell Research</i> , 2022, 60, 102707.	0.7	1
33	In silico screening of chemical library for development of inhibitors of PCSK9 binding to the LDL receptor. <i>FASEB Journal</i> , 2011, 25, lb119.	0.5	0