

Yanhua Zheng

List of Publications by Year in descending order

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27
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#	ARTICLE	IF	CITATIONS
1	Mitochondria-Translocated PKG1 Functions as a Protein Kinase to Coordinate Glycolysis and the TCA Cycle in Tumorigenesis. <i>Molecular Cell</i> , 2016, 61, 705-719.	9.7	319
2	KAT2A coupled with the $\hat{1}\pm$ -KGDH complex acts as a histone H3 succinyltransferase. <i>Nature</i> , 2017, 552, 273-277.	27.8	301
3	Nucleus-Translocated ACSS2 Promotes Gene Transcription for Lysosomal Biogenesis and Autophagy. <i>Molecular Cell</i> , 2017, 66, 684-697.e9.	9.7	227
4	PKM2 Regulates Chromosome Segregation and Mitosis Progression of Tumor Cells. <i>Molecular Cell</i> , 2014, 53, 75-87.	9.7	194
5	Stabilization of phosphofructokinase 1 platelet isoform by AKT promotes tumorigenesis. <i>Nature Communications</i> , 2017, 8, 949.	12.8	191
6	Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy. <i>Molecular Cell</i> , 2017, 65, 917-931.e6.	9.7	190
7	The gluconeogenic enzyme PCK1 phosphorylates INSIG1/2 for lipogenesis. <i>Nature</i> , 2020, 580, 530-535.	27.8	171
8	A splicing switch from ketohexokinase-C to ketohexokinase-A drives hepatocellular carcinoma formation. <i>Nature Cell Biology</i> , 2016, 18, 561-571.	10.3	143
9	FAK Phosphorylation by ERK Primes Ras-Induced Tyrosine Dephosphorylation of FAK Mediated by PIN1 and PTP-PEST. <i>Molecular Cell</i> , 2009, 35, 11-25.	9.7	141
10	PKM2 dephosphorylation by Cdc25A promotes the Warburg effect and tumorigenesis. <i>Nature Communications</i> , 2016, 7, 12431.	12.8	131
11	EGFR-Phosphorylated Platelet Isoform of Phosphofructokinase 1 Promotes PI3K Activation. <i>Molecular Cell</i> , 2018, 70, 197-210.e7.	9.7	116
12	PTEN Suppresses Glycolysis by Dephosphorylating and Inhibiting Autophosphorylated PKG1. <i>Molecular Cell</i> , 2019, 76, 516-527.e7.	9.7	113
13	PKM2 phosphorylates MLC2 and regulates cytokinesis of tumour cells. <i>Nature Communications</i> , 2014, 5, 5566.	12.8	108
14	$\hat{1}2$ -Catenin induces transcriptional expression of PD-L1 to promote glioblastoma immune evasion. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	108
15	Programmable base editing of mutated TERT promoter inhibits brain tumour growth. <i>Nature Cell Biology</i> , 2020, 22, 282-288.	10.3	96
16	KDM3A Senses Oxygen Availability to Regulate PGC-1 $\hat{1}\pm$ -Mediated Mitochondrial Biogenesis. <i>Molecular Cell</i> , 2019, 76, 885-895.e7.	9.7	93
17	Ras-Induced and Extracellular Signal-Regulated Kinase 1 and 2 Phosphorylation-Dependent Isomerization of Protein Tyrosine Phosphatase (PTP)-PEST by PIN1 Promotes FAK Dephosphorylation by PTP-PEST. <i>Molecular and Cellular Biology</i> , 2011, 31, 4258-4269.	2.3	73
18	Nuclear PKG1 Alleviates ADP-Dependent Inhibition of CDC7 to Promote DNA Replication. <i>Molecular Cell</i> , 2018, 72, 650-660.e8.	9.7	57

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19	Choline kinase alpha 2 acts as a protein kinase to promote lipolysis of lipid droplets. <i>Molecular Cell</i> , 2021, 81, 2722-2735.e9.	9.7	57
20	PGK1 is a new member of the protein kinome. <i>Cell Cycle</i> , 2016, 15, 1803-1804.	2.6	55
21	Conversion of PRPS Hexamer to Monomer by AMPK-Mediated Phosphorylation Inhibits Nucleotide Synthesis in Response to Energy Stress. <i>Cancer Discovery</i> , 2018, 8, 94-107.	9.4	53
22	The protein kinase activity of fructokinase A specifies the antioxidant responses of tumor cells by phosphorylating p62. <i>Science Advances</i> , 2019, 5, eaav4570.	10.3	52
23	Secreted and O-GlcNAcylated MIF binds to the human EGF receptor and inhibits its activation. <i>Nature Cell Biology</i> , 2015, 17, 1348-1355.	10.3	51
24	Protein Tyrosine Phosphatase-PEST and β 8 Integrin Regulate Spatiotemporal Patterns of RhoGDI1 Activation in Migrating Cells. <i>Molecular and Cellular Biology</i> , 2015, 35, 1401-1413.	2.3	38
25	Paradoxical roles of FAK in tumor cell migration and metastasis. <i>Cell Cycle</i> , 2009, 8, 3474-3479.	2.6	34
26	RNF8 mediates histone H3 ubiquitylation and promotes glycolysis and tumorigenesis. <i>Journal of Experimental Medicine</i> , 2017, 214, 1843-1855.	8.5	27
27	Regulation of tumor cell migration by protein tyrosine phosphatase (PTP)-proline-, glutamate-, serine-, and threonine-rich sequence (PEST). <i>Chinese Journal of Cancer</i> , 2013, 32, 75-83.	4.9	15