

Tianyan Gao

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

3,648
citations

236925

25
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289244

40
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42
all docs

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docs citations

42
times ranked

5131
citing authors

#	ARTICLE	IF	CITATIONS
1	PHLPP: A Phosphatase that Directly Dephosphorylates Akt, Promotes Apoptosis, and Suppresses Tumor Growth. <i>Molecular Cell</i> , 2005, 18, 13-24.	9.7	796
2	PHLPP and a Second Isoform, PHLPP2, Differentially Attenuate the Amplitude of Akt Signaling by Regulating Distinct Akt Isoforms. <i>Molecular Cell</i> , 2007, 25, 917-931.	9.7	527
3	mTORC1 and mTORC2 Regulate EMT, Motility, and Metastasis of Colorectal Cancer via RhoA and Rac1 Signaling Pathways. <i>Cancer Research</i> , 2011, 71, 3246-3256.	0.9	489
4	Adipocytes activate mitochondrial fatty acid oxidation and autophagy to promote tumor growth in colon cancer. <i>Cell Death and Disease</i> , 2017, 8, e2593-e2593.	6.3	206
5	The Phosphatase PHLPP Controls the Cellular Levels of Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2008, 283, 6300-6311.	3.4	180
6	Downregulation of SREBP inhibits tumor growth and initiation by altering cellular metabolism in colon cancer. <i>Cell Death and Disease</i> , 2018, 9, 265.	6.3	145
7	Increased expression of fatty acid synthase provides a survival advantage to colorectal cancer cells via upregulation of cellular respiration. <i>Oncotarget</i> , 2015, 6, 18891-18904.	1.8	97
8	\hat{I}^2 -TrCP-Mediated Ubiquitination and Degradation of PHLPP1 Are Negatively Regulated by Akt. <i>Molecular and Cellular Biology</i> , 2009, 29, 6192-6205.	2.3	94
9	mTORC2 phosphorylates protein kinase C η to regulate its stability and activity. <i>EMBO Reports</i> , 2014, 15, 191-198.	4.5	90
10	PHLPP Is a Negative Regulator of RAF1, Which Reduces Colorectal Cancer Cell Motility and Prevents Tumor Progression in Mice. <i>Gastroenterology</i> , 2014, 146, 1301-1312.e10.	1.3	82
11	PHLPP-Mediated Dephosphorylation of S6K1 Inhibits Protein Translation and Cell Growth. <i>Molecular and Cellular Biology</i> , 2011, 31, 4917-4927.	2.3	81
12	Cancer cell-associated fatty acid synthase activates endothelial cells and promotes angiogenesis in colorectal cancer. <i>Carcinogenesis</i> , 2014, 35, 1341-1351.	2.8	80
13	Scribble-mediated membrane targeting of PHLPP1 is required for its negative regulation of Akt. <i>EMBO Reports</i> , 2011, 12, 818-824.	4.5	63
14	Amplitude Control of Protein Kinase C by RINCK, a Novel E3 Ubiquitin Ligase. <i>Journal of Biological Chemistry</i> , 2007, 282, 33776-33787.	3.4	61
15	mTOR-Dependent Regulation of PHLPP Expression Controls the Rapamycin Sensitivity in Cancer Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 6510-6520.	3.4	60
16	The mitochondrial retrograde signaling regulates Wnt signaling to promote tumorigenesis in colon cancer. <i>Cell Death and Differentiation</i> , 2019, 26, 1955-1969.	11.2	60
17	Protein phosphatase PHLPP1 controls the light-induced resetting of the circadian clock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1642-1647.	7.1	58
18	Loss of PHLPP protects against colitis by inhibiting intestinal epithelial cell apoptosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2013-2023.	3.8	43

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19	Upregulation of CPT1A is essential for the tumor-promoting effect of adipocytes in colon cancer. <i>Cell Death and Disease</i> , 2020, 11, 736.	6.3	41
20	Downregulation of PHLPP Expression Contributes to Hypoxia-Induced Resistance to Chemotherapy in Colon Cancer Cells. <i>Molecular and Cellular Biology</i> , 2013, 33, 4594-4605.	2.3	40
21	Integrin $\beta 9$ depletion promotes β -catenin degradation to suppress triple-negative breast cancer tumor growth and metastasis. <i>International Journal of Cancer</i> , 2019, 145, 2767-2780.	5.1	38
22	Invariant Leu Preceding Turn Motif Phosphorylation Site Controls the Interaction of Protein Kinase C with Hsp70. <i>Journal of Biological Chemistry</i> , 2006, 281, 32461-32468.	3.4	33
23	Pleckstrin homology domain leucine-rich repeat protein phosphatases set the amplitude of receptor tyrosine kinase output. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E3957-65.	7.1	33
24	Tuberous Sclerosis Complex 2 (TSC2) Regulates Cell Migration and Polarity through Activation of CDC42 and RAC1. <i>Journal of Biological Chemistry</i> , 2010, 285, 24987-24998.	3.4	28
25	PHLPP regulates hexokinase 2-dependent glucose metabolism in colon cancer cells. <i>Cell Death Discovery</i> , 2017, 3, 16103.	4.7	28
26	Na/K-ATPase Y260 Phosphorylation-mediated Src Regulation in Control of Aerobic Glycolysis and Tumor Growth. <i>Scientific Reports</i> , 2018, 8, 12322.	3.3	25
27	Erbin Suppresses KSR1-Mediated RAS/RAF Signaling and Tumorigenesis in Colorectal Cancer. <i>Cancer Research</i> , 2018, 78, 4839-4852.	0.9	23
28	PHLPP negatively regulates cell motility through inhibition of Akt activity and integrin expression in pancreatic cancer cells. <i>Oncotarget</i> , 2016, 7, 7801-7815.	1.8	22
29	Latexin Inactivation Enhances Survival and Long-Term Engraftment of Hematopoietic Stem Cells and Expands the Entire Hematopoietic System in Mice. <i>Stem Cell Reports</i> , 2017, 8, 991-1004.	4.8	21
30	Activation of Drp1 promotes fatty acids-induced metabolic reprogramming to potentiate Wnt signaling in colon cancer. <i>Cell Death and Differentiation</i> , 2022, 29, 1913-1927.	11.2	20
31	The leucine-rich repeat signaling scaffolds Shoc2 and Erbin: cellular mechanism and role in disease. <i>FEBS Journal</i> , 2021, 288, 721-739.	4.7	19
32	Inhibition of protein tyrosine phosphatase receptor type F suppresses Wnt signaling in colorectal cancer. <i>Oncogene</i> , 2020, 39, 6789-6801.	5.9	18
33	DNA polymerase gamma (Pol^{γ}) deficiency triggers a selective mTORC2 prosurvival autophagy response via mitochondria-mediated ROS signaling. <i>Oncogene</i> , 2018, 37, 6225-6242.	5.9	14
34	Pleckstrin Homology (PH) Domain Leucine-rich Repeat Protein Phosphatase Controls Cell Polarity by Negatively Regulating the Activity of Atypical Protein Kinase C. <i>Journal of Biological Chemistry</i> , 2016, 291, 25167-25178.	3.4	11
35	Downregulation of PHLPP induced by endoplasmic reticulum stress promotes eIF2 β phosphorylation and chemoresistance in colon cancer. <i>Cell Death and Disease</i> , 2021, 12, 960.	6.3	8
36	Detection of PHLPP1 β in Human and Mouse Brain by Different Anti-PHLPP1 Antibodies. <i>Scientific Reports</i> , 2015, 5, 9377.	3.3	4

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37	Inverse agonism at the Na/K-ATPase receptor reverses EMT in prostate cancer cells. <i>Prostate</i> , 2021, 81, 667-682.	2.3	4
38	Potent Synergistic Effect on C-Myc-Driven Colorectal Cancers Using a Novel Indole-Substituted Quinoline with a Plk1 Inhibitor. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1893-1903.	4.1	4
39	A new innate immune sensor functions from inside the colonic epithelium. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 199-200.	17.8	1
40	Protein Tyrosine Phosphatase Receptor Type F Promotes Wnt Signaling in Colorectal Cancer. <i>FASEB Journal</i> , 2019, 33, 647.43.	0.5	1
41	The role of PHLPP in regulating cell migration in pancreatic cancer. <i>FASEB Journal</i> , 2012, 26, 766.1.	0.5	0
42	The Role of PI3K Signaling Pathway in Intestinal Tumorigenesis. , 2015, , 101-135.		0