Tianyan Gao

List of Publications by Year
in descending order

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		236925	289244
42	3,648	25	40
papers	citations	h-index	g-index

42	42	42	5131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Activation of Drp1 promotes fatty acids-induced metabolic reprograming to potentiate Wnt signaling in colon cancer. Cell Death and Differentiation, 2022, 29, 1913-1927.	11.2	20
2	The leucineâ€rich repeat signaling scaffolds Shoc2 and Erbin: cellular mechanism and role in disease. FEBS Journal, 2021, 288, 721-739.	4.7	19
3	Inverse agonism at the Na/Kâ€ATPase receptor reverses EMT in prostate cancer cells. Prostate, 2021, 81, 667-682.	2.3	4
4	Potent Synergistic Effect on C-Mycâ€“Driven Colorectal Cancers Using a Novel Indole-Substituted Quinoline with a Plk1 Inhibitor. Molecular Cancer Therapeutics, 2021, 20, 1893-1903.	4.1	4
5	Downregulation of PHLPP induced by endoplasmic reticulum stress promotes eIF2Î± phosphorylation and chemoresistance in colon cancer. Cell Death and Disease, 2021, 12, 960.	6.3	8
6	Inhibition of protein tyrosine phosphatase receptor type F suppresses Wnt signaling in colorectal cancer. Oncogene, 2020, 39, 6789-6801.	5.9	18
7	Upregulation of CPT1A is essential for the tumor-promoting effect of adipocytes in colon cancer. Cell Death and Disease, 2020, 11, 736.	6.3	41
8	Integrin Î±9 depletion promotes Î²â€catenin degradation to suppress tripleâ€negative breast cancer tumor growth and metastasis. International Journal of Cancer, 2019, 145, 2767-2780.	5.1	38
9	The mitochondrial retrograde signaling regulates Wnt signaling to promote tumorigenesis in colon cancer. Cell Death and Differentiation, 2019, 26, 1955-1969.	11.2	60
10	Protein Tyrosine Phosphatase Receptor Type F Promotes Wnt Signaling in Colorectal Cancer. FASEB Journal, 2019, 33, 647.43.	0.5	1
11	Downregulation of SREBP inhibits tumor growth and initiation by altering cellular metabolism in colon cancer. Cell Death and Disease, 2018, 9, 265.	6.3	145
12	DNA polymerase gamma (PolÎ³) deficiency triggers a selective mTORC2 prosurvival autophagy response via mitochondria-mediated ROS signaling. Oncogene, 2018, 37, 6225-6242.	5.9	14
13	Erbin Suppresses KSR1-Mediated RAS/RAF Signaling and Tumorigenesis in Colorectal Cancer. Cancer Research, 2018, 78, 4839-4852.	0.9	23
14	Na/K-ATPase Y260 Phosphorylationâ€“mediated Src Regulation in Control of Aerobic Glycolysis and Tumor Growth. Scientific Reports, 2018, 8, 12322.	3.3	25
15	Adipocytes activate mitochondrial fatty acid oxidation and autophagy to promote tumor growth in colon cancer. Cell Death and Disease, 2017, 8, e2593-e2593.	6.3	206
16	PHLPP regulates hexokinase 2-dependent glucose metabolism in colon cancer cells. Cell Death Discovery, 2017, 3, 16103.	4.7	28
17	A new innate immune sensor â€” functions from inside the colonic epithelium. Nature Reviews Gastroenterology and Hepatology, 2017, 14, 199-200.	17.8	1
18	Latexin Inactivation Enhances Survival and Long-Term Engraftment ofÂHematopoietic Stem Cells and Expands the Entire Hematopoietic System in Mice. Stem Cell Reports, 2017, 8, 991-1004.	4.8	21

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19	Pleckstrin Homology (PH) Domain Leucine-rich Repeat Protein Phosphatase Controls Cell Polarity by Negatively Regulating the Activity of Atypical Protein Kinase C. Journal of Biological Chemistry, 2016, 291, 25167-25178.	3.4	11
20	PHLPP negatively regulates cell motility through inhibition of Akt activity and integrin expression in pancreatic cancer cells. Oncotarget, 2016, 7, 7801-7815.	1.8	22
21	Loss of PHLPP protects against colitis by inhibiting intestinal epithelial cell apoptosis. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2013-2023.	3.8	43
22	Detection of PHLPP1Î±/Î² in Human and Mouse Brain by Different Anti-PHLPP1 Antibodies. Scientific Reports, 2015, 5, 9377.	3.3	4
23	Increased expression of fatty acid synthase provides a survival advantage to colorectal cancer cells via upregulation of cellular respiration. Oncotarget, 2015, 6, 18891-18904.	1.8	97
24	The Role of PI3K Signaling Pathway in Intestinal Tumorigenesis. , 2015, , 101-135.		0
25	Cancer cell-associated fatty acid synthase activates endothelial cells and promotes angiogenesis in colorectal cancer. Carcinogenesis, 2014, 35, 1341-1351.	2.8	80
26	<scp>mTORC</scp> 2 phosphorylates protein kinase CÎ¶ to regulate its stability and activity. EMBO Reports, 2014, 15, 191-198.	4.5	90
27	Pleckstrin homology domain leucine-rich repeat protein phosphatases set the amplitude of receptor tyrosine kinase output. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3957-65.	7.1	33
28	PHLPP Is a Negative Regulator of RAF1, Which Reduces Colorectal Cancer Cell Motility and Prevents Tumor Progression in Mice. Gastroenterology, 2014, 146, 1301-1312.e10.	1.3	82
29	Downregulation of PHLPP Expression Contributes to Hypoxia-Induced Resistance to Chemotherapy in Colon Cancer Cells. Molecular and Cellular Biology, 2013, 33, 4594-4605.	2.3	40
30	The role of PHLPP in regulating cell migration in pancreatic cancer. FASEB Journal, 2012, 26, 766.1.	0.5	0
31	mTORC1 and mTORC2 Regulate EMT, Motility, and Metastasis of Colorectal Cancer via RhoA and Rac1 Signaling Pathways. Cancer Research, 2011, 71, 3246-3256.	0.9	489
32	PHLPP-Mediated Dephosphorylation of S6K1 Inhibits Protein Translation and Cell Growth. Molecular and Cellular Biology, 2011, 31, 4917-4927.	2.3	81
33	Scribbleâ€mediated membrane targeting of PHLPP1 is required for its negative regulation of Akt. EMBO Reports, 2011, 12, 818-824.	4.5	63
34	mTOR-Dependent Regulation of PHLPP Expression Controls the Rapamycin Sensitivity in Cancer Cells. Journal of Biological Chemistry, 2011, 286, 6510-6520.	3.4	60
35	Protein phosphatase PHLPP1 controls the light-induced resetting of the circadian clock. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1642-1647.	7.1	58
36	Tuberous Sclerosis Complex 2 (TSC2) Regulates Cell Migration and Polarity through Activation of CDC42 and RAC1. Journal of Biological Chemistry, 2010, 285, 24987-24998.	3.4	28

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37	Î²-TrCP-Mediated Ubiquitination and Degradation of PHLPP1 Are Negatively Regulated by Akt. Molecular and Cellular Biology, 2009, 29, 6192-6205.	2.3	94
38	The Phosphatase PHLPP Controls the Cellular Levels of Protein Kinase C. Journal of Biological Chemistry, 2008, 283, 6300-6311.	3.4	180
39	Amplitude Control of Protein Kinase C by RINCK, a Novel E3 Ubiquitin Ligase. Journal of Biological Chemistry, 2007, 282, 33776-33787.	3.4	61
40	PHLPP and a Second Isoform, PHLPP2, Differentially Attenuate the Amplitude of Akt Signaling by Regulating Distinct Akt Isoforms. Molecular Cell, 2007, 25, 917-931.	9.7	527
41	Invariant Leu Preceding Turn Motif Phosphorylation Site Controls the Interaction of Protein Kinase C with Hsp70. Journal of Biological Chemistry, 2006, 281, 32461-32468.	3.4	33
42	PHLPP: A Phosphatase that Directly Dephosphorylates Akt, Promotes Apoptosis, and Suppresses Tumor Growth. Molecular Cell, 2005, 18, 13-24.	9.7	796