

Philip N Tsichlis

List of Publications by Year in descending order

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64
papers

8,280
citations

126907

33
h-index

123424

61
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86
all docs

86
docs citations

86
times ranked

10835
citing authors

#	ARTICLE	IF	CITATIONS
1	The protein kinase encoded by the Akt proto-oncogene is a target of the PDGF-activated phosphatidylinositol 3-kinase. <i>Cell</i> , 1995, 81, 727-736.	28.9	1,938
2	AKT/PKB and Other D3 Phosphoinositide-Regulated Kinases: Kinase Activation by Phosphoinositide-Dependent Phosphorylation. <i>Annual Review of Biochemistry</i> , 1999, 68, 965-1014.	11.1	927
3	TNF- α Induction by LPS Is Regulated Posttranscriptionally via a Tpl2/ERK-Dependent Pathway. <i>Cell</i> , 2000, 103, 1071-1083.	28.9	755
4	The Kinase Akt1 Controls Macrophage Response to Lipopolysaccharide by Regulating MicroRNAs. <i>Immunity</i> , 2009, 31, 220-231.	14.3	530
5	Akt1 and Akt2 protein kinases differentially contribute to macrophage polarization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9517-9522.	7.1	481
6	Loss of miR-200 Inhibition of Suz12 Leads to Polycomb-Mediated Repression Required for the Formation and Maintenance of Cancer Stem Cells. <i>Molecular Cell</i> , 2010, 39, 761-772.	9.7	362
7	In vivo genome editing and organoid transplantation models of colorectal cancer and metastasis. <i>Nature Biotechnology</i> , 2017, 35, 569-576.	17.5	248
8	Akt1 Ablation Inhibits, whereas Akt2 Ablation Accelerates, the Development of Mammary Adenocarcinomas in Mouse Mammary Tumor Virus (MMTV)-ErbB2/Neu and MMTV-Polyoma Middle T Transgenic Mice. <i>Cancer Research</i> , 2007, 67, 167-177.	0.9	238
9	FGF-2 Regulates Cell Proliferation, Migration, and Angiogenesis through an NDY1/KDM2B-miR-101-EZH2 Pathway. <i>Molecular Cell</i> , 2011, 43, 285-298.	9.7	213
10	MicroRNAs Differentially Regulated by Akt Isoforms Control EMT and Stem Cell Renewal in Cancer Cells. <i>Science Signaling</i> , 2009, 2, ra62.	3.6	195
11	Modulation of p47 ^{PHOX} activity by site-specific phosphorylation: Akt-dependent activation of the NADPH oxidase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5130-5135.	7.1	168
12	Tpl2 transduces CD40 and TNF signals that activate ERK and regulates IgE induction by CD40. <i>EMBO Journal</i> , 2003, 22, 3855-3864.	7.8	140
13	Tpl2/Cot Signals Activate ERK, JNK, and NF- κ B in a Cell-type and Stimulus-specific Manner. <i>Journal of Biological Chemistry</i> , 2005, 280, 23748-23757.	3.4	127
14	Energy Depletion Inhibits Phosphatidylinositol 3-Kinase/Akt Signaling and Induces Apoptosis via AMP-activated Protein Kinase-dependent Phosphorylation of IRS-1 at Ser-794. <i>Journal of Biological Chemistry</i> , 2007, 282, 18069-18082.	3.4	126
15	Ndy1/KDM2B immortalizes mouse embryonic fibroblasts by repressing the <i>Ink4a</i> / <i>Arf</i> locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2641-2646.	7.1	123
16	Akt2 Regulates All Akt Isoforms and Promotes Resistance to Hypoxia through Induction of miR-21 upon Oxygen Deprivation. <i>Cancer Research</i> , 2011, 71, 4720-4731.	0.9	119
17	Phosphoproteomics Screen Reveals Akt Isoform-Specific Signals Linking RNA Processing to Lung Cancer. <i>Molecular Cell</i> , 2014, 53, 577-590.	9.7	119
18	Members of a family of JmjC domain-containing oncoproteins immortalize embryonic fibroblasts via a JmjC domain-dependent process. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1907-1912.	7.1	116

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19	MicroRNA214 Is Associated With Progression of Ulcerative Colitis, and Inhibition Reduces Development of Colitis and Colitis-Associated Cancer in Mice. <i>Gastroenterology</i> , 2015, 149, 981-992.e11.	1.3	112
20	Unequal Contribution of Akt Isoforms in the Double-Negative to Double-Positive Thymocyte Transition. <i>Journal of Immunology</i> , 2007, 178, 5443-5453.	0.8	100
21	Tumor Progression Locus 2 (Map3k8) Is Critical for Host Defense against <i>Listeria monocytogenes</i> and IL-1 β Production. <i>Journal of Immunology</i> , 2009, 183, 7984-7993.	0.8	94
22	Toll-Like Receptor 2-Dependent Extracellular Signal-Regulated Kinase Signaling in Mycobacterium tuberculosis-Infected Macrophages Drives Anti-Inflammatory Responses and Inhibits Th1 Polarization of Responding T Cells. <i>Infection and Immunity</i> , 2015, 83, 2242-2254.	2.2	94
23	NDY1/KDM2B Functions as a Master Regulator of Polycomb Complexes and Controls Self-Renewal of Breast Cancer Stem Cells. <i>Cancer Research</i> , 2014, 74, 3935-3946.	0.9	79
24	The protein kinase Akt1 regulates the interferon response through phosphorylation of the transcriptional repressor EMSY. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E613-21.	7.1	78
25	Tpl-2 induces IL-2 expression in T-cell lines by triggering multiple signaling pathways that activate NFAT and NF- κ B. <i>Oncogene</i> , 1998, 17, 2609-2618.	5.9	77
26	The JmjC Domain Histone Demethylase Ndy1 Regulates Redox Homeostasis and Protects Cells from Oxidative Stress. <i>Molecular and Cellular Biology</i> , 2008, 28, 7451-7464.	2.3	52
27	Tpl2 and ERK transduce antiproliferative T cell receptor signals and inhibit transformation of chronically stimulated T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2987-2992.	7.1	50
28	TPL2 kinase is a suppressor of lung carcinogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1470-9.	7.1	50
29	<i>Tpl2</i> ablation promotes intestinal inflammation and tumorigenesis in <i>Apc^{min}</i> mice by inhibiting IL-10 secretion and regulatory T-cell generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1082-91.	7.1	48
30	Protein arginine methyltransferase 5 promotes cholesterol biosynthesis-mediated Th17 responses and autoimmunity. <i>Journal of Clinical Investigation</i> , 2020, 130, 1683-1698.	8.2	47
31	Proteinase-Activated Receptor-1-Triggered Activation of Tumor Progression Locus-2 Promotes Actin Cytoskeleton Reorganization and Cell Migration. <i>Cancer Research</i> , 2008, 68, 1851-1861.	0.9	43
32	Regulation of Experimental Autoimmune Encephalomyelitis by TPL-2 Kinase. <i>Journal of Immunology</i> , 2014, 192, 3518-3529.	0.8	39
33	Combination PI3K/MEK inhibition promotes tumor apoptosis and regression in PIK3CA wild-type, KRAS mutant colorectal cancer. <i>Cancer Letters</i> , 2014, 347, 204-211.	7.2	36
34	Analyses of publicly available genomics resources define FGF-2-expressing bladder carcinomas as EMT-prone, proliferative tumors with low mutation rates and high expression of CTLA-4, PD-1 and PD-L1. <i>Signal Transduction and Targeted Therapy</i> , 2017, 2, .	17.1	35
35	Diagnostic planning using computer assisted decision-making for patients with Hodgkin's disease. <i>Cancer</i> , 1977, 39, 2426-2434.	4.1	29
36	Tumor Progression Locus 2 Mediates Signal-Induced Increases in Cytoplasmic Calcium and Cell Migration. <i>Science Signaling</i> , 2011, 4, ra55.	3.6	27

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37	The epigenetic factor KDM2B regulates cell adhesion, small rho GTPases, actin cytoskeleton and migration in prostate cancer cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 587-597.	4.1	23
38	Small cell lung cancer: Subtypes and therapeutic implications. <i>Seminars in Cancer Biology</i> , 2022, 86, 543-554.	9.6	21
39	The Epigenetic Factor KDM2B Regulates EMT and Small GTPases in Colon Tumor Cells. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 368-377.	1.6	18
40	Akt3 induces oxidative stress and DNA damage by activating the NADPH oxidase via phosphorylation of p47 ^{phox} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28806-28815.	7.1	18
41	Protein Arginine Methyltransferase 5 in T Lymphocyte Biology. <i>Trends in Immunology</i> , 2020, 41, 918-931.	6.8	17
42	The Downregulation of GFI1 by the EZH2-NDY1/KDM2B-JARID2 Axis and by Human Cytomegalovirus (HCMV) Associated Factors Allows the Activation of the HCMV Major IE Promoter and the Transition to Productive Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004136.	4.7	16
43	TPL2 Kinase Is a Crucial Signaling Factor and Mediator of NKT Effector Cytokine Expression in Immune-Mediated Liver Injury. <i>Journal of Immunology</i> , 2016, 196, 4298-4310.	0.8	16
44	A phase I delayed-start, randomized and pharmacodynamic study of metformin and chemotherapy in patients with solid tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 1323-1331.	2.3	13
45	Akt1, EMSY, BRCA2 and type I IFN signaling: A novel arm of the IFN response. <i>Transcription</i> , 2012, 3, 305-309.	3.1	12
46	A perspective on AKT 25-plus years after its discovery. <i>Science Signaling</i> , 2017, 10, .	3.6	11
47	Tpl2 kinase regulates Fc γ R signaling and immune thrombocytopenia in mice. <i>Journal of Leukocyte Biology</i> , 2013, 94, 751-757.	3.3	10
48	Genetic ablation of interacting with Spt6 (lws1) causes early embryonic lethality. <i>PLoS ONE</i> , 2018, 13, e0201030.	2.5	9
49	PHENSIM: Phenotype Simulator. <i>PLoS Computational Biology</i> , 2021, 17, e1009069.	3.2	9
50	AKT inhibition in the central nervous system induces signaling defects resulting in psychiatric symptomatology. <i>Cell and Bioscience</i> , 2022, 12, 56.	4.8	8
51	RNAdetector: a free user-friendly stand-alone and cloud-based system for RNA-Seq data analysis. <i>BMC Bioinformatics</i> , 2021, 22, 298.	2.6	7
52	Replication of JC Virus DNA in the G144 Oligodendrocyte Cell Line Is Dependent Upon Akt. <i>Journal of Virology</i> , 2017, 91, .	3.4	6
53	The combination of <i>TPL2</i> knockdown and TNF \pm causes synthetic lethality via caspase-8 activation in human carcinoma cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 14039-14048.	7.1	6
54	Proline hydroxylation linked to Akt activation. <i>Science</i> , 2016, 353, 870-871.	12.6	5

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55	PRMT5 Promotes Symmetric Dimethylation of RNA Processing Proteins and Modulates Activated T Cell Alternative Splicing and Ca ²⁺ /NFAT Signaling. <i>ImmunoHorizons</i> , 2021, 5, 884-897.	1.8	5
56	A pilot study evaluating the safety and impact of pretreatment with metformin on colorectal cancer stem cells (CCSC) in patients undergoing resection.. <i>Journal of Clinical Oncology</i> , 2014, 32, e14581-e14581.	1.6	4
57	Identification of Structural Elements of the Lysine Specific Demethylase 2B CxxC Domain Associated with Replicative Senescence Bypass in Primary Mouse Cells. <i>Protein Journal</i> , 2020, 39, 232-239.	1.6	3
58	Hyperlipidemia-induced metabolic changes in regulatory T cells result in altered function. <i>European Journal of Immunology</i> , 2021, 51, 2576-2589.	2.9	3
59	Phosphor-IWS1-dependent U2AF2 splicing regulates trafficking of CAR-E-positive intronless gene mRNAs and sensitivity to viral infection. <i>Communications Biology</i> , 2021, 4, 1179.	4.4	2
60	A phase I study of metformin and chemotherapy in solid tumors.. <i>Journal of Clinical Oncology</i> , 2014, 32, 2560-2560.	1.6	2
61	Prospective Evaluation of Effect of Metformin on Activation of AMP-activated Protein Kinase (AMPK) and Disease Control in a Sub-group Analysis of Patients with GI Malignancies. , 2020, 1, 35-41.		2
62	Timing Is Everything: Regulation of Cdk1 and Aneuploidy. <i>Developmental Cell</i> , 2007, 12, 477-479.	7.0	1
63	A Chromatin-Associated Histone H3 Demethylase Promotes the Immortalization of MEFs and the Cycling of HSC-Like Cells in Culture.. <i>Blood</i> , 2007, 110, 96-96.	1.4	0
64	Tumor progression locus 2 (TPL2) is a novel target for regulating obesity associated liver inflammation and steatosis. <i>FASEB Journal</i> , 2008, 22, 1037.7.	0.5	0