Philip N Tsichlis

List of Publications by Year
in descending order

64	8,280	126907	123424
papers	citations	33 h-index	61 g-index

86	86	86	10835
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Small cell lung cancer: Subtypes and therapeutic implications. Seminars in Cancer Biology, 2022, 86, 543-554.	9.6	21
2	AKT inhibition in the central nervous system induces signaling defects resulting in psychiatric symptomatology. Cell and Bioscience, 2022, 12, 56.	4.8	8
3	RNAdetector: a free user-friendly stand-alone and cloud-based system for RNA-Seq data analysis. BMC Bioinformatics, 2021, 22, 298.	2.6	7
4	PHENSIM: Phenotype Simulator. PLoS Computational Biology, 2021, 17, e1009069.	3.2	9
5	Hyperlipidemiaâ€induced metabolic changes in regulatory T cells result in altered function. European Journal of Immunology, 2021, 51, 2576-2589.	2.9	3
6	Phosphor-IWS1-dependent U2AF2 splicing regulates trafficking of CAR-E-positive intronless gene mRNAs and sensitivity to viral infection. Communications Biology, 2021, 4, 1179.	4.4	2
7	PRMT5 Promotes Symmetric Dimethylation of RNA Processing Proteins and Modulates Activated T Cell Alternative Splicing and Ca2+/NFAT Signaling. ImmunoHorizons, 2021, 5, 884-897.	1.8	5
8	Akt3 induces oxidative stress and DNA damage by activating the NADPH oxidase via phosphorylation of p47 ^{phox}. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28806-28815.	7.1	18
9	Protein Arginine Methyltransferase 5 in T Lymphocyte Biology. Trends in Immunology, 2020, 41, 918-931.	6.8	17
10	Identification of Structural Elements of the Lysine Specific Demethylase 2B CxxC Domain Associated with Replicative Senescence Bypass in Primary Mouse Cells. Protein Journal, 2020, 39, 232-239.	1.6	3
11	Protein arginine methyltransferase 5 promotes cholesterol biosynthesisâ€“mediated Th17 responses and autoimmunity. Journal of Clinical Investigation, 2020, 130, 1683-1698.	8.2	47
12	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
13	A phase I delayed-start, randomized and pharmacodynamic study of metformin and chemotherapy in patients with solid tumors. Cancer Chemotherapy and Pharmacology, 2019, 84, 1323-1331.	2.3	13
14	The combination of TPL2 knockdown and TNFÎ± causes synthetic lethality via caspase-8 activation in human carcinoma cell lines. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14039-14048.	7.1	6
15	The epigenetic factor KDM2B regulates cell adhesion, small rho GTPases, actin cytoskeleton and migration in prostate cancer cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 587-597.	4.1	23
16	Genetic ablation of interacting with Spt6 (Iws1) causes early embryonic lethality. PLoS ONE, 2018, 13, e0201030.	2.5	9
17	The Epigenetic Factor KDM2B Regulates EMT and Small GTPases in Colon Tumor Cells. Cellular Physiology and Biochemistry, 2018, 47, 368-377.	1.6	18
18	In vivo genome editing and organoid transplantation models of colorectal cancer and metastasis. Nature Biotechnology, 2017, 35, 569-576.	17.5	248

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19	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. Signal Transduction and Targeted Therapy, 2017, 2, .	17.1	35
20	A perspective on AKT 25-plus years after its discovery. Science Signaling, 2017, 10, .	3.6	11
21	Replication of JC Virus DNA in the G144 Oligodendrocyte Cell Line Is Dependent Upon Akt. Journal of Virology, 2017, 91, .	3.4	6
22	TPL2 Kinase Is a Crucial Signaling Factor and Mediator of NKT Effector Cytokine Expression in Immune-Mediated Liver Injury. Journal of Immunology, 2016, 196, 4298-4310.	0.8	16
23	Proline hydroxylation linked to Akt activation. Science, 2016, 353, 870-871.	12.6	5
24	MicroRNA214 Is Associated With Progression of Ulcerative Colitis, and Inhibition Reduces Development of Colitis and Colitis-Associated Cancer in Mice. Gastroenterology, 2015, 149, 981-992.e11.	1.3	112
25	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. Infection and Immunity, 2015, 83, 2242-2254.	2.2	94
26	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. PLoS Pathogens, 2014, 10, e1004136.	4.7	16
27	Phosphoproteomics Screen Reveals Akt Isoform-Specific Signals Linking RNA Processing to Lung Cancer. Molecular Cell, 2014, 53, 577-590.	9.7	119
28	NDY1/KDM2B Functions as a Master Regulator of Polycomb Complexes and Controls Self-Renewal of Breast Cancer Stem Cells. Cancer Research, 2014, 74, 3935-3946.	0.9	79
29	Regulation of Experimental Autoimmune Encephalomyelitis by TPL-2 Kinase. Journal of Immunology, 2014, 192, 3518-3529.	0.8	39
30	Combination PI3K/MEK inhibition promotes tumor apoptosis and regression in PIK3CA wild-type, KRAS mutant colorectal cancer. Cancer Letters, 2014, 347, 204-211.	7.2	36
31	A pilot study evaluating the safety and impact of pretreatment with metformin on colorectal cancer stem cells (CCSC) in patients undergoing resection.. Journal of Clinical Oncology, 2014, 32, e14581-e14581.	1.6	4
32	A phase I study of metformin and chemotherapy in solid tumors.. Journal of Clinical Oncology, 2014, 32, 2560-2560.	1.6	2
33	Tpl2 kinase regulates FcÎ³R signaling and immune thrombocytopenia in mice. Journal of Leukocyte Biology, 2013, 94, 751-757.	3.3	10
34	TPL2 kinase is a suppressor of lung carcinogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1470-9.	7.1	50
35	The protein kinase Akt1 regulates the interferon response through phosphorylation of the transcriptional repressor EMSY. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E613-21.	7.1	78
36	Akt1, EMSY, BRCA2 and type I IFN signaling: A novel arm of the IFN response. Transcription, 2012, 3, 305-309.	3.1	12

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37	Akt1 and Akt2 protein kinases differentially contribute to macrophage polarization. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9517-9522.	7.1	481
38	Tpl2 ablation promotes intestinal inflammation and tumorigenesis in Apc ^{min} mice by inhibiting IL-10 secretion and regulatory T-cell generation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1082-91.	7.1	48
39	Akt2 Regulates All Akt Isoforms and Promotes Resistance to Hypoxia through Induction of miR-21 upon Oxygen Deprivation. Cancer Research, 2011, 71, 4720-4731.	0.9	119
40	FGF-2 Regulates Cell Proliferation, Migration, and Angiogenesis through an NDY1/KDM2B-miR-101-EZH2 Pathway. Molecular Cell, 2011, 43, 285-298.	9.7	213
41	Tumor Progression Locus 2 Mediates Signal-Induced Increases in Cytoplasmic Calcium and Cell Migration. Science Signaling, 2011, 4, ra55.	3.6	27
42	Loss of miR-200 Inhibition of Suz12 Leads to Polycomb-Mediated Repression Required for the Formation and Maintenance of Cancer Stem Cells. Molecular Cell, 2010, 39, 761-772.	9.7	362
43	Ndy1/KDM2B immortalizes mouse embryonic fibroblasts by repressing the Ink4a / Arf locus. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2641-2646.	7.1	123
44	Tumor Progression Locus 2 (Map3k8) Is Critical for Host Defense againstListeria monocytogenesand IL-1Î² Production. Journal of Immunology, 2009, 183, 7984-7993.	0.8	94
45	MicroRNAs Differentially Regulated by Akt Isoforms Control EMT and Stem Cell Renewal in Cancer Cells. Science Signaling, 2009, 2, ra62.	3.6	195
46	The Kinase Akt1 Controls Macrophage Response to Lipopolysaccharide by Regulating MicroRNAs. Immunity, 2009, 31, 220-231.	14.3	530
47	Tpl2 and ERK transduce antiproliferative T cell receptor signals and inhibit transformation of chronically stimulated T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 2987-2992.	7.1	50
48	Members of a family of JmjC domain-containing oncoproteins immortalize embryonic fibroblasts via a JmjC domain-dependent process. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1907-1912.	7.1	116
49	The JmjC Domain Histone Demethylase Ndy1 Regulates Redox Homeostasis and Protects Cells from Oxidative Stress. Molecular and Cellular Biology, 2008, 28, 7451-7464.	2.3	52
50	Proteinase-Activated Receptor-1â€“Triggered Activation of Tumor Progression Locus-2 Promotes Actin Cytoskeleton Reorganization and Cell Migration. Cancer Research, 2008, 68, 1851-1861.	0.9	43
51	Tumor progression locus 2 (TPL2) is a novel target for regulating obesity associated liver inflammation and steatosis. FASEB Journal, 2008, 22, 1037.7.	0.5	0
52	Unequal Contribution of Akt Isoforms in the Double-Negative to Double-Positive Thymocyte Transition. Journal of Immunology, 2007, 178, 5443-5453.	0.8	100
53	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. Cancer Research, 2007, 67, 167-177.	0.9	238
54	Energy Depletion Inhibits Phosphatidylinositol 3-Kinase/Akt Signaling and Induces Apoptosis via AMP-activated Protein Kinase-dependent Phosphorylation of IRS-1 at Ser-794. Journal of Biological Chemistry, 2007, 282, 18069-18082.	3.4	126

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55	Timing Is Everything: Regulation of Cdk1 and Aneuploidy. Developmental Cell, 2007, 12, 477-479.	7.0	1
56	A Chromatin-Associated Histone H3 Dementhylase Promotes the Immortalization of MEFs and the Cycling of HSC-Like Cells in Culture.. Blood, 2007, 110, 96-96.	1.4	0
57	Tpl2/Cot Signals Activate ERK, JNK, and NF-Î¹B in a Cell-type and Stimulus-specific Manner. Journal of Biological Chemistry, 2005, 280, 23748-23757.	3.4	127
58	Tpl2 transduces CD40 and TNF signals that activate ERK and regulates IgE induction by CD40. EMBO Journal, 2003, 22, 3855-3864.	7.8	140
59	Modulation of p47 ^{PHOX} activity by site-specific phosphorylation: Akt-dependent activation of the NADPH oxidase. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 5130-5135.	7.1	168
60	TNF-Î± Induction by LPS Is Regulated Posttranscriptionally via a Tpl2/ERK-Dependent Pathway. Cell, 2000, 103, 1071-1083.	28.9	755
61	AKT/PKB and Other D3 Phosphoinositide-Regulated Kinases: Kinase Activation by Phosphoinositide-Dependent Phosphorylation. Annual Review of Biochemistry, 1999, 68, 965-1014.	11.1	927
62	Tpl-2 induces IL-2 expression in T-cell lines by triggering multiple signaling pathways that activate NFAT and NF-Î¹B. Oncogene, 1998, 17, 2609-2618.	5.9	77
63	The protein kinase encoded by the Akt proto-oncogene is a target of the PDGF-activated phosphatidylinositol 3-kinase. Cell, 1995, 81, 727-736.	28.9	1,938
64	Diagnostic planning using computer assisted decision-making for patients with Hodgkin's disease. Cancer, 1977, 39, 2426-2434.	4.1	29