

# Antonio Di Cristofano

## List of Publications by Year in descending order

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69  
papers

10,082  
citations

87723

38  
h-index

106150

65  
g-index

70  
all docs

70  
docs citations

70  
times ranked

12169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pten is essential for embryonic development and tumour suppression. <i>Nature Genetics</i> , 1998, 19, 348-355.	9.4	1,428
2	The Multiple Roles of PTEN in Tumor Suppression. <i>Cell</i> , 2000, 100, 387-390.	13.5	1,064
3	Crystal Structure of the PTEN Tumor Suppressor. <i>Cell</i> , 1999, 99, 323-334.	13.5	974
4	Activation of AKT Kinases in Cancer: Implications for Therapeutic Targeting. <i>Advances in Cancer Research</i> , 2005, 94, 29-86.	1.9	687
5	Pten Dose Dictates Cancer Progression in the Prostate. <i>PLoS Biology</i> , 2003, 1, e59.	2.6	593
6	Sox2 deficiency causes neurodegeneration and impaired neurogenesis in the adult mouse brain. <i>Development (Cambridge)</i> , 2004, 131, 3805-3819.	1.2	587
7	Impaired Fas Response and Autoimmunity in Pten <sup>+/</sup> Mice. <i>Science</i> , 1999, 285, 2122-2125.	6.0	490
8	Pten and p27KIP1 cooperate in prostate cancer tumor suppression in the mouse. <i>Nature Genetics</i> , 2001, 27, 222-224.	9.4	458
9	2021 American Thyroid Association Guidelines for Management of Patients with Anaplastic Thyroid Cancer. <i>Thyroid</i> , 2021, 31, 337-386.	2.4	297
10	Activation of Akt/Protein Kinase B Overcomes a G <sub>2</sub> /M Cell Cycle Checkpoint Induced by DNA Damage. <i>Molecular and Cellular Biology</i> , 2002, 22, 7831-7841.	1.1	263
11	The deficiency of Akt1 is sufficient to suppress tumor development in Pten <sup>+/-</sup> mice. <i>Genes and Development</i> , 2006, 20, 1569-1574.	2.7	229
12	Endometrial Carcinoma. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2007, 2, 57-85.	9.6	184
13	The ETS Protein MEF Plays a Critical Role in Perforin Gene Expression and the Development of Natural Killer and NK-T Cells. <i>Immunity</i> , 2002, 17, 437-449.	6.6	173
14	Positive feedback regulation between AKT activation and fatty acid synthase expression in ovarian carcinoma cells. <i>Oncogene</i> , 2005, 24, 3574-3582.	2.6	169
15	Molecular Cloning and Characterization of p56 Defines a New Family of RasGAP-binding Proteins. <i>Journal of Biological Chemistry</i> , 1998, 273, 4827-4830.	1.6	124
16	PTEN and TNF- $\alpha$ regulation of the intestinal-specific Cdx-2 homeobox gene through a PI3K, PKB/Akt, and NF- $\kappa$ B-dependent pathway. <i>Gastroenterology</i> , 2002, 123, 1163-1178.	0.6	121
17	PTEN in Neural Precursor Cells: Regulation of Migration, Apoptosis, and Proliferation. <i>Molecular and Cellular Neurosciences</i> , 2002, 20, 21-29.	1.0	120
18	Oncogenic Kras Requires Simultaneous PI3K Signaling to Induce ERK Activation and Transform Thyroid Epithelial Cells <i>in vivo</i> . <i>Cancer Research</i> , 2009, 69, 3689-3694.	0.4	118

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19	Pten Loss in the Mouse Thyroid Causes Goiter and Follicular Adenomas: Insights into Thyroid Function and Cowden Disease Pathogenesis. <i>Cancer Research</i> , 2007, 67, 959-966.	0.4	104
20	P62dok, a Negative Regulator of Ras and Mitogen-Activated Protein Kinase (Mapk) Activity, Opposes Leukemogenesis by P21Obc- <i>abl</i> . <i>Journal of Experimental Medicine</i> , 2001, 194, 275-284.	4.2	102
21	Mitochondrial Basis for Immune Deficiency. <i>Journal of Experimental Medicine</i> , 2000, 191, 2197-2208.	4.2	100
22	Identification and characterization of novel human endogenous retroviral sequences preferentially expressed in undifferentiated embryonal carcinoma cells. <i>Nucleic Acids Research</i> , 1991, 19, 1513-1520.	6.5	99
23	Class reunion: PTEN joins the nuclear crew. <i>Oncogene</i> , 2005, 24, 7394-7400.	2.6	99
24	Akt-Mediated Phosphorylation and Activation of Estrogen Receptor $\beta$ Is Required for Endometrial Neoplastic Transformation in Pten+/+ Mice. <i>Cancer Research</i> , 2006, 66, 3375-3380.	0.4	90
25	Somatic Acquisition and Signaling of TGFBR1*6A in Cancer. <i>JAMA - Journal of the American Medical Association</i> , 2005, 294, 1634.	3.8	87
26	SGK1. <i>Current Topics in Developmental Biology</i> , 2017, 123, 49-71.	1.0	83
27	Role of Dok-1 and Dok-2 in Leukemia Suppression. <i>Journal of Experimental Medicine</i> , 2004, 200, 1689-1695.	4.2	82
28	Somatic Induction of Pten Loss in a Preclinical Astrocytoma Model Reveals Major Roles in Disease Progression and Avenues for Target Discovery and Validation. <i>Cancer Research</i> , 2005, 65, 5172-5180.	0.4	81
29	Thyocyte-specific inactivation of p53 and Pten results in anaplastic thyroid carcinomas faithfully recapitulating human tumors. <i>Oncotarget</i> , 2011, 2, 1109-1126.	0.8	75
30	Characterization and genomic mapping of the ZNF80 locus: expression of this zinc-finger gene is driven by a solitary LTR of ERV9 endogenous retroviral family. <i>Nucleic Acids Research</i> , 1995, 23, 2823-2830.	6.5	73
31	Thyroid-Stimulating Hormone-initiated Proliferative Signals Converge <i>In vivo</i> on the mTOR Kinase without Activating AKT. <i>Cancer Research</i> , 2007, 67, 8002-8006.	0.4	72
32	Phosphoinositide 3-Kinase-Dependent Membrane Recruitment of P62dok Is Essential for Its Negative Effect on Mitogen-Activated Protein (Map) Kinase Activation. <i>Journal of Experimental Medicine</i> , 2001, 194, 265-274.	4.2	63
33	Tgfr1 Haploinsufficiency Is a Potent Modifier of Colorectal Cancer Development. <i>Cancer Research</i> , 2009, 69, 678-686.	0.4	52
34	Cross-talk between PI3K and estrogen in the mouse thyroid predisposes to the development of follicular carcinomas with a higher incidence in females. <i>Oncogene</i> , 2010, 29, 5678-5686.	2.6	51
35	GSK690693 Delays Tumor Onset and Progression in Genetically Defined Mouse Models Expressing Activated Akt. <i>Clinical Cancer Research</i> , 2010, 16, 486-496.	3.2	49
36	Transcriptional Regulation of the Human Tumor Suppressor p14ARF by E2F1, E2F2, E2F3, and Sp1-like Factors. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 1138-1145.	1.0	48

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37	Mammalian Target of Rapamycin Is the Key Effector of Phosphatidylinositol-3-OH-Initiated Proliferative Signals in the Thyroid Follicular Epithelium. <i>Cancer Research</i> , 2008, 68, 444-449.	0.4	46
38	MCM5 as a target of BET inhibitors in thyroid cancer cells. <i>Endocrine-Related Cancer</i> , 2016, 23, 335-347.	1.6	42
39	Structural and functional organization of the human endogenous retroviral ERV9 sequences. <i>Virology</i> , 1992, 191, 464-468.	1.1	34
40	Inhibition of AMPK and Krebs Cycle Gene Expression Drives Metabolic Remodeling of Pten-Deficient Preneoplastic Thyroid Cells. <i>Cancer Research</i> , 2013, 73, 5459-5472.	0.4	33
41	PI3K/mTOR inhibition potentiates and extends palbociclib activity in anaplastic thyroid cancer. <i>Endocrine-Related Cancer</i> , 2019, 26, 425-436.	1.6	33
42	SGK1 Is a Critical Component of an AKT-Independent Pathway Essential for PI3K-Mediated Tumor Development and Maintenance. <i>Cancer Research</i> , 2017, 77, 6914-6926.	0.4	32
43	A Novel Recurrent Chromosomal Inversion Implicates the Homeobox Gene <i>Dlx5</i> in T-Cell Lymphomas from Lck-Akt2 Transgenic Mice. <i>Cancer Research</i> , 2008, 68, 1296-1302.	0.4	31
44	The PLK1 Inhibitor GSK461364A Is Effective in Poorly Differentiated and Anaplastic Thyroid Carcinoma Cells, Independent of the Nature of Their Driver Mutations. <i>Thyroid</i> , 2013, 23, 1284-1293.	2.4	30
45	Identification of regulatory elements within the minimal promoter region of the human endogenous ERV9 proviruses: accurate transcription initiation is controlled by an Inr-like element. <i>Nucleic Acids Research</i> , 1992, 20, 4129-4136.	6.5	29
46	Gene expression analysis reveals a signature of estrogen receptor activation upon loss of Pten in a mouse model of endometrial cancer. <i>Journal of Cellular Physiology</i> , 2006, 208, 255-266.	2.0	29
47	Obatoclox overcomes resistance to cell death in aggressive thyroid carcinomas by countering Bcl2a1 and Mcl1 overexpression. <i>Endocrine-Related Cancer</i> , 2014, 21, 755-767.	1.6	27
48	Molecular Differences Between Human Thyroid Follicular Adenoma and Carcinoma Revealed by Analysis of a Murine Model of Thyroid Cancer. <i>Endocrinology</i> , 2013, 154, 3043-3053.	1.4	24
49	Mobilization of an ERV9 Human Endogenous Retroviral Element during Primate Evolution. <i>Virology</i> , 1995, 213, 271-275.	1.1	22
50	Obatoclox kills anaplastic thyroid cancer cells by inducing lysosome neutralization and necrosis. <i>Oncotarget</i> , 2016, 7, 34453-34471.	0.8	21
51	Metabolic Role of PTEN in Insulin Signaling and Resistance. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2020, 10, a036137.	2.9	19
52	PI3K blockage synergizes with PLK1 inhibition preventing endoreduplication and enhancing apoptosis in anaplastic thyroid cancer. <i>Cancer Letters</i> , 2018, 439, 56-65.	3.2	18
53	In vivo adenovirus-mediated gene transduction into mouse endometrial glands: a novel tool to model endometrial cancer in the mouse. <i>Gynecologic Oncology</i> , 2004, 94, 713-718.	0.6	17
54	New Routes to Old Places: PIK3R1 and PIK3R2 Join PIK3CA and PTEN as Endometrial Cancer Genes. <i>Cancer Discovery</i> , 2011, 1, 106-107.	7.7	14

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55	Characterization and genomic mapping of chimeric ERV9 endogenous retroviruses-host gene transcripts. <i>Gene</i> , 1998, 206, 77-83.	1.0	13
56	Suppression of Ras-mediated NIH3T3 transformation by p19ARF does not involve alterations of cell growth properties. <i>Oncogene</i> , 1999, 18, 2157-2162.	2.6	13
57	Establishment and Characterization of Cell Lines from a Novel Mouse Model of Poorly Differentiated Thyroid Carcinoma: Powerful Tools for Basic and Preclinical Research. <i>Thyroid</i> , 2011, 21, 1001-1007.	2.4	12
58	Embryonic epithelial Pten deletion through Nkx2.1-cre leads to thyroid tumorigenesis in a strain-dependent manner. <i>Endocrine-Related Cancer</i> , 2012, 19, 111-122.	1.6	9
59	Obesity and Thyroid Cancer: Is Leptin the (Only) Link?. <i>Endocrinology</i> , 2013, 154, 2567-2569.	1.4	9
60	Synergistic repression of thyroid hyperplasia by cyclin C and Pten. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	9
61	Mouse Models of Follicular and Papillary Thyroid Cancer Progression. <i>Frontiers in Endocrinology</i> , 2011, 2, 119.	1.5	7
62	Three-dimensional nuclear telomere architecture changes during endometrial carcinoma development. <i>Genes Chromosomes and Cancer</i> , 2013, 52, 716-732.	1.5	7
63	Modeling Anaplastic Thyroid Carcinoma in the Mouse. <i>Hormones and Cancer</i> , 2015, 6, 37-44.	4.9	7
64	Real-time, high-resolution imaging of tumor cells in genetically engineered and orthotopic models of thyroid cancer. <i>Endocrine-Related Cancer</i> , 2020, 27, 529-539.	1.6	5
65	Real-time, high-resolution imaging of tumor cells in genetically engineered and orthotopic models of thyroid cancer. <i>Endocrine-Related Cancer</i> , 2020, 27, 529-539.	1.6	1
66	Embryonic epithelial Pten deletion through Nkx2.1-cre leads to thyroid tumorigenesis in a strain-dependent manner. <i>Endocrine-Related Cancer</i> , 2013, 20, X1.	1.6	0
67	Synergistic effect of combined PI3K and PLK1 inhibition in anaplastic thyroid carcinoma cells.. <i>Journal of Clinical Oncology</i> , 2015, 33, e22205-e22205.	0.8	0
68	The Year in Basic Thyroid Cancer Research. <i>Thyroid</i> , 2021, , .	2.4	0
69	Highlights from <i>The Year in Thyroidology</i>. <i>VideoEndocrinology</i> , 2021, 8, .	0.1	0