List of Publications by Year in descending order

80 papers	13,953 citations	50170 46 h-index	64668 79 g-index
83 all docs	83 docs citations	83 times ranked	15105 citing authors

#	Article	IF	Citations
1	Precision Targeting of Mutant PI3KÎ± in Cancer by Selective Degradation. Cancer Discovery, 2022, 12, 20-22.	7.7	11
2	Intermittent PI3KÎ´ inhibition sustains anti-tumour immunity and curbs irAEs. Nature, 2022, 605, 741-746.	13.7	36
3	Local synthesis of the phosphatidylinositol-3,4-bisphosphate lipid drives focal adhesion turnover. Developmental Cell, 2022, 57, 1694-1711.e7.	3.1	11
4	Somatostatin receptor 2 expression in nasopharyngeal cancer is induced by Epstein Barr virus infection: impact on prognosis, imaging and therapy. Nature Communications, 2021, 12, 117.	5.8	34
5	mTORC1 activity is supported by spatial association with focal adhesions. Journal of Cell Biology, 2021, 220, .	2.3	41
6	NODAL/TGFÎ² signalling mediates the self-sustained stemness induced by PIK3CAH1047R homozygosity in pluripotent stem cells. DMM Disease Models and Mechanisms, 2021, 14, .	1.2	5
7	PI3KC2Î² inactivation stabilizes VEâ€cadherin junctions and preserves vascular integrity. EMBO Reports, 2021, 22, e51299.	2.0	12
8	PI3K inhibitors are finally coming of age. Nature Reviews Drug Discovery, 2021, 20, 741-769.	21.5	222
9	SSTR2 in Nasopharyngeal Carcinoma: Relationship with Latent EBV Infection and Potential as a Therapeutic Target. Cancers, 2021, 13, 4944.	1.7	9
10	Positive correlation between transcriptomic stemness and PI3K/AKT/mTOR signaling scores in breast cancer, and a counterintuitive relationship with PIK3CA genotype. PLoS Genetics, 2021, 17, e1009876.	1.5	14
11	Class III PI3K Vps34 Controls Thyroid Hormone Production by Regulating Thyroglobulin Iodination, Lysosomal Proteolysis, and Tissue Homeostasis. Thyroid, 2020, 30, 133-146.	2.4	3
12	Cracking the context-specific PI3K signaling code. Science Signaling, 2020, 13, .	1.6	49
13	Enhanced antitumor immunity through sequential targeting of PI3KÎ´ and LAG3. , 2020, 8, e000693.		22
14	Inactivation of endothelial cell phosphoinositide 3-kinase Î² inhibits tumor angiogenesis and tumor growth. Oncogene, 2020, 39, 6480-6492.	2.6	11
15	Loss of Phosphatidylinositol 3-Kinase Activity in Regulatory T Cells Leads to Neuronal Inflammation. Journal of Immunology, 2020, 205, 78-89.	0.4	18
16	Transient Inhibition of PI3KÎ´ Enhances the Therapeutic Effect of Intravenous Delivery of Oncolytic Vaccinia Virus. Molecular Therapy, 2020, 28, 1263-1275.	3.7	29
17	PI3KÎ´ as a Novel Therapeutic Target in Pathological Angiogenesis. Diabetes, 2020, 69, 736-748.	0.3	22
18	Phosphoinositide lipids in primary cilia biology. Biochemical Journal, 2020, 477, 3541-3565.	1.7	32

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19	Perspective: Potential Impact and Therapeutic Implications of Oncogenic PI3K Activation on Chromosomal Instability. Biomolecules, 2019, 9, 331.	1.8	7
20	p110Î´ PI3-Kinase Inhibition Perturbs APP and TNFÎ± Trafficking, Reduces Plaque Burden, Dampens Neuroinflammation, and Prevents Cognitive Decline in an Alzheimer's Disease Mouse Model. Journal of Neuroscience, 2019, 39, 7976-7991.	1.7	20
21	Inhibition of PI3Kinase-Î± is pro-arrhythmic and associated with enhanced late Na+ current, contractility, and Ca2+ release in murine hearts. Journal of Molecular and Cellular Cardiology, 2019, 132, 98-109.	0.9	15
22	PI3K isoforms in cell signalling andÂvesicle trafficking. Nature Reviews Molecular Cell Biology, 2019, 20, 515-534.	16.1	316
23	PI3KÎ± Pathway Inhibition With Doxorubicin Treatment Results in Distinct Biventricular Atrophy and Remodeling With Right Ventricular Dysfunction. Journal of the American Heart Association, 2019, 8, e010961.	1.6	15
24	Oncogenic PIK3CA promotes cellular stemness in an allele dose-dependent manner. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8380-8389.	3.3	46
25	PI3KÎ± in cardioprotection: Cytoskeleton, late Na⁺ current, and mechanism of arrhythmias. Channels, 2019, 13, 520-532.	1.5	11
26	Endothelial and cardiomyocyte PI3KÎ²2 divergently regulate cardiac remodelling in response to ischaemic injury. Cardiovascular Research, 2019, 115, 1343-1356.	1.8	17
27	Determinants and clinical implications of chromosomal instability in cancer. Nature Reviews Clinical Oncology, 2018, 15, 139-150.	12.5	272
28	PI3KÎ±-regulated gelsolin activity is a critical determinant of cardiac cytoskeletal remodeling and heart disease. Nature Communications, 2018, 9, 5390.	5.8	52
29	Cancer-Associated PIK3CA Mutations in Overgrowth Disorders. Trends in Molecular Medicine, 2018, 24, 856-870.	3.5	181
30	Lessons for cancer drug treatment from tackling a non-cancerous overgrowth syndrome. Nature, 2018, 558, 523-525.	13.7	11
31	Phosphoproteomic comparison of Pik3ca and Pten signalling identifies the nucleotidase NT5C as a novel AKT substrate. Scientific Reports, 2017, 7, 39985.	1.6	16
32	The role of PI3KÎ± isoform in cardioprotection. Basic Research in Cardiology, 2017, 112, 66.	2.5	56
33	A dual role for the class III PI3K, Vps34, in platelet production and thrombus growth. Blood, 2017, 130, 2032-2042.	0.6	35
34	Oncogenic PIK3CA induces centrosome amplification and tolerance to genome doubling. Nature Communications, 2017, 8, 1773.	5.8	54
35	Vps34 PI 3-kinase inactivation enhances insulin sensitivity through reprogramming of mitochondrial metabolism. Nature Communications, 2017, 8, 1804.	5.8	59
36	Clinical spectrum and features of activated phosphoinositide 3-kinase Î´ syndrome: AÂlarge patient cohort study. Journal of Allergy and Clinical Immunology, 2017, 139, 597-606.e4.	1.5	377

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37	Inactivation of class II PI3K-C2Î± induces leptin resistance, age-dependent insulin resistance and obesity in male mice. Diabetologia, 2016, 59, 1503-1512.	2.9	23
38	Targeting PI3K in Cancer: Impact on Tumor Cells, Their Protective Stroma, Angiogenesis, and Immunotherapy. Cancer Discovery, 2016, 6, 1090-1105.	7.7	217
39	Molecules in medicine mini-review: isoforms of PI3K in biology and disease. Journal of Molecular Medicine, 2016, 94, 5-11.	1.7	111
40	Essential role of class II PI3K-C2Î± in platelet membrane morphology. Blood, 2015, 126, 1128-1137.	0.6	52
41	Inactivation of the Class II PI3K-C2Î² Potentiates Insulin Signaling and Sensitivity. Cell Reports, 2015, 13, 1881-1894.	2.9	66
42	Novel Role for p110Î² PI 3-Kinase in Male Fertility through Regulation of Androgen Receptor Activity in Sertoli Cells. PLoS Genetics, 2015, 11, e1005304.	1.5	35
43	PI3KÎ± is essential for the recovery from Cre/tamoxifen cardiotoxicity and in myocardial insulin signalling but is not required for normal myocardial contractility in the adult heart. Cardiovascular Research, 2015, 105, 292-303.	1.8	16
44	PI3KÎ´ inhibition reduces TNF secretion and neuroinflammation in a mouse cerebral stroke model. Nature Communications, 2014, 5, 3450.	5.8	54
45	Inactivation of PI(3)K p110Î´ breaks regulatory T-cell-mediated immune tolerance to cancer. Nature, 2014, 510, 407-411.	13.7	450
46	Phosphoinositide 3-kinase Î² mediates microvascular endothelial repair of thrombotic microangiopathy. Blood, 2014, 124, 2142-2149.	0.6	19
47	Inhibition of the p110Î± isoform of PI 3-kinase stimulates nonfunctional tumor angiogenesis. Journal of Experimental Medicine, 2013, 210, 1937-1945.	4.2	56
48	Longâ€term p110Î± PI3K inactivation exerts a beneficial effect on metabolism. EMBO Molecular Medicine, 2013, 5, 563-571.	3.3	84
49	Isoform-selective induction of human p110Î´ PI3K expression by TNFÎ±: identification of a new and inducible PIK3CD promoter. Biochemical Journal, 2012, 443, 857-867.	1.7	50
50	PI3K signalling: the path to discovery and understanding. Nature Reviews Molecular Cell Biology, 2012, 13, 195-203.	16.1	799
51	High levels of p110Î´ PI3K expression in solid tumor cells suppress PTEN activity, generating cellular sensitivity to p110Î´ inhibitors through PTEN activation. FASEB Journal, 2012, 26, 2498-2508.	0.2	43
52	PI3KÎ´ drives the pathogenesis of experimental autoimmune encephalomyelitis by inhibiting effector T cell apoptosis and promoting Th17 differentiation. Journal of Autoimmunity, 2011, 36, 278-287.	3.0	72
53	PI3KÎ² Plays a Critical Role in Neutrophil Activation by Immune Complexes. Science Signaling, 2011, 4, ra23.	1.6	130
54	The emerging mechanisms of isoform-specific PI3K signalling. Nature Reviews Molecular Cell Biology, 2010, 11, 329-341.	16.1	1,491

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55	Activity of any class IA PI3K isoform can sustain cell proliferation and survival. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 11381-11386.	3.3	147
56	Phosphoinositide 3-kinase Î´ regulates membrane fission of Golgi carriers for selective cytokine secretion. Journal of Cell Biology, 2010, 190, 1053-1065.	2.3	60
57	The PI3K Isoforms p110Î± and p110Î´ Are Essential for Preâ€“B Cell Receptor Signaling and B Cell Development. Science Signaling, 2010, 3, ra60.	1.6	179
58	Altered Macrophage Function Contributes to Colitis in Mice Defective in the Phosphoinositide-3 Kinase Subunit p110Î´. Gastroenterology, 2010, 139, 1642-1653.e6.	0.6	78
59	Phosphoinositide 3-Kinase p110Î´ Regulates Natural Antibody Production, Marginal Zone and B-1 B Cell Function, and Autoantibody Responses. Journal of Immunology, 2009, 183, 5673-5684.	0.4	122
60	The p110Î´ Isoform of Phosphatidylinositol 3-Kinase Controls Susceptibility to Leishmania major by Regulating Expansion and Tissue Homing of Regulatory T Cells. Journal of Immunology, 2009, 183, 1921-1933.	0.4	83
61	Inhibition of Class I Phosphoinositide 3-Kinase Activity Impairs Proliferation and Triggers Apoptosis in Acute Promyelocytic Leukemia without Affecting Atra-Induced Differentiation. Cancer Research, 2009, 69, 1027-1036.	0.4	52
62	PI3K Regulatory Subunits Lose Control in Cancer. Cancer Cell, 2009, 16, 449-450.	7.7	29
63	Angiogenesis selectively requires the p110Î± isoform of PI3K to control endothelial cell migration. Nature, 2008, 453, 662-666.	13.7	459
64	Distinct roles of class IA PI3K isoforms in primary and immortalised macrophages. Journal of Cell Science, 2008, 121, 4124-4133.	1.2	87
65	Inactivation of PI3KÎ³ and PI3KÎ´ distorts T-cell development and causes multiple organ inflammation. Blood, 2007, 110, 2940-2947.	0.6	113
66	Control of Axonal Growth and Regeneration of Sensory Neurons by the p110Î´ PI 3-Kinase. PLoS ONE, 2007, 2, e869.	1.1	106
67	Critical role for the p110Î± phosphoinositide-3-OH kinase in growth and metabolic regulation. Nature, 2006, 441, 366-370.	13.7	439
68	Oncogenic transformation induced by the p110beta, -Â, and -Â isoforms of class I phosphoinositide 3-kinase. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1289-1294.	3.3	269
69	The p110Î´ Isoform of Phosphoinositide 3-Kinase Controls Clonal Expansion and Differentiation of Th Cells. Journal of Immunology, 2006, 177, 5122-5128.	0.4	192
70	Cutting Edge: The Phosphoinositide 3-Kinase p110Î´ Is Critical for the Function of CD4+CD25+Foxp3+ Regulatory T Cells. Journal of Immunology, 2006, 177, 6598-6602.	0.4	280
71	Essential role for the p110Â isoform in phosphoinositide 3-kinase activation and cell proliferation in acute myeloid leukemia. Blood, 2005, 106, 1063-1066.	0.6	229
72	Sequential activation of class IB and class IA PI3K is important for the primed respiratory burst of human but not murine neutrophils. Blood, 2005, 106, 1432-1440.	0.6	274

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73	Signalling by PI3K isoforms: insights from gene-targeted mice. Trends in Biochemical Sciences, 2005, 30, 194-204.	3.7	403
74	Essential role for the p110Î´ phosphoinositide 3-kinase in the allergic response. Nature, 2004, 431, 1007-1011.	13.7	369
75	PI3K in lymphocyte development, differentiation and activation. Nature Reviews Immunology, 2003, 3, 317-330.	10.6	690
76	Class I Phosphoinositide 3-Kinase p110Î² Is Required for Apoptotic Cell and FcÎ³ Receptor-mediated Phagocytosis by Macrophages. Journal of Biological Chemistry, 2003, 278, 38437-38442.	1.6	83
77	Regulation of breast cancer cell chemotaxis by the phosphoinositide 3-kinase p110delta. Cancer Research, 2003, 63, 1667-75.	0.4	119
78	Impaired B and T Cell Antigen Receptor Signaling in p110delta PI 3-Kinase Mutant Mice. Science, 2002, 297, 1031-4.	6.0	836
79	Synthesis and Function of 3-Phosphorylated Inositol Lipids. Annual Review of Biochemistry, 2001, 70, 535-602.	5.0	1,457
80	Phosphoinositide 3-kinases: A conserved family of signal transducers. Trends in Biochemical Sciences, 1997, 22, 267-272.	3.7	883