

Benjamin D Hopkins

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

5,329
citations

257101

24
h-index

360668

35
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39
all docs

39
docs citations

39
times ranked

9994
citing authors

#	ARTICLE	IF	CITATIONS
1	The PI3K Pathway in Human Disease. <i>Cell</i> , 2017, 170, 605-635.	13.5	1,702
2	Personalized <i>In Vitro</i> and <i>In Vivo</i> Cancer Models to Guide Precision Medicine. <i>Cancer Discovery</i> , 2017, 7, 462-477.	7.7	735
3	Suppression of insulin feedback enhances the efficacy of PI3K inhibitors. <i>Nature</i> , 2018, 560, 499-503.	13.7	477
4	A Secreted PTEN Phosphatase That Enters Cells to Alter Signaling and Survival. <i>Science</i> , 2013, 341, 399-402.	6.0	270
5	Obesity and Cancer Mechanisms: Cancer Metabolism. <i>Journal of Clinical Oncology</i> , 2016, 34, 4277-4283.	0.8	236
6	PTEN function: the long and the short of it. <i>Trends in Biochemical Sciences</i> , 2014, 39, 183-190.	3.7	231
7	Activation of the PI3K Pathway in Cancer Through Inhibition of PTEN by Exchange Factor P-REX2a. <i>Science</i> , 2009, 325, 1261-1265.	6.0	228
8	Phosphatidylinositol 3-Kinase, Growth Disorders, and Cancer. <i>New England Journal of Medicine</i> , 2018, 379, 2052-2062.	13.9	211
9	Deletion of tetraspanin Cd151 results in decreased pathologic angiogenesis in vivo and in vitro. <i>Blood</i> , 2007, 109, 1524-1532.	0.6	155
10	Insulin-PI3K signalling: an evolutionarily insulated metabolic driver of cancer. <i>Nature Reviews Endocrinology</i> , 2020, 16, 276-283.	4.3	155
11	3-Phosphoinositide-Dependent Kinase 1 Potentiates Upstream Lesions on the Phosphatidylinositol 3-Kinase Pathway in Breast Carcinoma. <i>Cancer Research</i> , 2009, 69, 6299-6306.	0.4	126
12	Palomid 529, a Novel Small-Molecule Drug, Is a TORC1/TORC2 Inhibitor That Reduces Tumor Growth, Tumor Angiogenesis, and Vascular Permeability. <i>Cancer Research</i> , 2008, 68, 9551-9557.	0.4	98
13	Fenofibrate prevents skeletal muscle loss in mice with lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E743-E752.	3.3	89
14	Gab2-Mediated Signaling Promotes Melanoma Metastasis. <i>American Journal of Pathology</i> , 2009, 174, 1524-1533.	1.9	67
15	Regulation of PTEN inhibition by the pleckstrin homology domain of P-REX2 during insulin signaling and glucose homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 155-160.	3.3	61
16	PTEN inhibits PREX2-catalyzed activation of RAC1 to restrain tumor cell invasion. <i>Science Signaling</i> , 2015, 8, ra32.	1.6	53
17	A Unified Nomenclature and Amino Acid Numbering for Human PTEN. <i>Science Signaling</i> , 2014, 7, pe15.	1.6	50
18	Cystic Fibrosis Transmembrane Conductance Regulator Attaches Tumor Suppressor PTEN to the Membrane and Promotes Anti <i>Pseudomonas aeruginosa</i> Immunity. <i>Immunity</i> , 2017, 47, 1169-1181.e7.	6.6	45

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19	Metformin and erlotinib synergize to inhibit basal breast cancer. <i>Oncotarget</i> , 2014, 5, 10503-10517.	0.8	44
20	Molecular Pathways: Intercellular PTEN and the Potential of PTEN Restoration Therapy. <i>Clinical Cancer Research</i> , 2014, 20, 5379-5383.	3.2	40
21	Cancer metabolism gets physical. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	35
22	PIP4Ks Suppress Insulin Signaling through a Catalytic-Independent Mechanism. <i>Cell Reports</i> , 2019, 27, 1991-2001.e5.	2.9	33
23	Anti-VEGF antibody in experimental hepatoblastoma: Suppression of tumor growth and altered angiogenesis. <i>Journal of Pediatric Surgery</i> , 2003, 38, 308-314.	0.8	32
24	Obesity-Associated Adipose Stromal Cells Promote Breast Cancer Invasion through Direct Cell Contact and ECM Remodeling. <i>Advanced Functional Materials</i> , 2020, 30, 1910650.	7.8	30
25	Alterations of EGFR, p53 and PTEN that mimic changes found in basal-like breast cancer promote transformation of human mammary epithelial cells. <i>Cancer Biology and Therapy</i> , 2013, 14, 246-253.	1.5	29
26	Dietary Fat and Sugar in Promoting Cancer Development and Progression. <i>Annual Review of Cancer Biology</i> , 2019, 3, 255-273.	2.3	26
27	Precision Targeting of <i>pten</i> -Null Triple-Negative Breast Tumors Guided by Electrophilic Metabolite Sensing. <i>ACS Central Science</i> , 2020, 6, 892-902.	5.3	24
28	CD44 alternative splicing senses intragenic DNA methylation in tumors via direct and indirect mechanisms. <i>Nucleic Acids Research</i> , 2021, 49, 6213-6237.	6.5	12
29	Analysis of intracellular PTEN signaling and secretion. <i>Methods</i> , 2015, 77-78, 164-171.	1.9	11
30	Inhibitors of cullin-RING E3 ubiquitin ligase 4 with antitumor potential. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	9
31	A Functional Precision Oncology Approach to Identify Treatment Strategies for Myxofibrosarcoma Patients. <i>Molecular Cancer Research</i> , 2021, , molcanres.0255.2021.	1.5	5
32	Patient-Derived In Vitro and In Vivo Models of Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1361, 215-233.	0.8	2
33	Circling back to PTEN: Fumarate inhibits canonical tumor suppressor. <i>Molecular Cell</i> , 2022, 82, 1244-1245.	4.5	1
34	PI3King the Environment for Growth: PI3K Activation Drives Transcriptome Changes That Support Oncogenic Growth. <i>Cancer Research</i> , 2022, 82, 2216-2218.	0.4	1
35	Extracellular Matrix Remodelling: Obesity-Associated Adipose Stromal Cells Promote Breast Cancer Invasion through Direct Cell Contact and ECM Remodeling (<i>Adv. Funct. Mater.</i> 48/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070320.	7.8	0
36	621...NKG2A and HLA-E define a novel mechanism of resistance to immunotherapy with <i>M. bovis</i> BCG in non-muscle-invasive bladder cancer patients. , 2021, 9, A651-A651.		0