

# Barrie Peck

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5596291/publications.pdf>

Version: 2024-02-01

23  
papers

3,906  
citations

471371

17  
h-index

642610

23  
g-index

23  
all docs

23  
docs citations

23  
times ranked

7617  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hooked on fat: the role of lipid synthesis in cancer metabolism and tumour development. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 1353-1363.	1.2	609
2	Acetyl-CoA Synthetase 2 Promotes Acetate Utilization and Maintains Cancer Cell Growth under Metabolic Stress. <i>Cancer Cell</i> , 2015, 27, 57-71.	7.7	596
3	Fatty Acid Uptake and Lipid Storage Induced by HIF-1 $\alpha$ Contribute to Cell Growth and Survival after Hypoxia-Reoxygenation. <i>Cell Reports</i> , 2014, 9, 349-365.	2.9	498
4	SIRT Inhibitors Induce Cell Death and p53 Acetylation through Targeting Both SIRT1 and SIRT2. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 844-855.	1.9	372
5	The glutathione redox system is essential to prevent ferroptosis caused by impaired lipid metabolism in clear cell renal cell carcinoma. <i>Oncogene</i> , 2018, 37, 5435-5450.	2.6	239
6	FOXO3a regulates reactive oxygen metabolism by inhibiting mitochondrial gene expression. <i>Cell Death and Differentiation</i> , 2012, 19, 968-979.	5.0	235
7	Sterol regulatory element binding protein-dependent regulation of lipid synthesis supports cell survival and tumor growth. <i>Cancer &amp; Metabolism</i> , 2013, 1, 3.	2.4	207
8	Inhibition of fatty acid desaturation is detrimental to cancer cell survival in metabolically compromised environments. <i>Cancer &amp; Metabolism</i> , 2016, 4, 6.	2.4	186
9	SREBP maintains lipid biosynthesis and viability of cancer cells under lipid- and oxygen-deprived conditions and defines a gene signature associated with poor survival in glioblastoma multiforme. <i>Oncogene</i> , 2015, 34, 5128-5140.	2.6	175
10	FOXM1 Confers Acquired Cisplatin Resistance in Breast Cancer Cells. <i>Molecular Cancer Research</i> , 2010, 8, 24-34.	1.5	172
11	Lipid desaturation "the next step in targeting lipogenesis in cancer?". <i>FEBS Journal</i> , 2016, 283, 2767-2778.	2.2	152
12	Gefitinib (Iressa) represses FOXM1 expression via FOXO3a in breast cancer. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 582-591.	1.9	115
13	Lipid Metabolism at the Nexus of Diet and Tumor Microenvironment. <i>Trends in Cancer</i> , 2019, 5, 693-703.	3.8	90
14	FoxM1 is a downstream target and marker of HER2 overexpression in breast cancer. <i>International Journal of Oncology</i> , 2009, 35, 57-68.	1.4	77
15	Antagonism between FOXO and MYC Regulates Cellular Powerhouse. <i>Frontiers in Oncology</i> , 2013, 3, 96.	1.3	69
16	Three-dimensional modelling identifies novel genetic dependencies associated with breast cancer progression in the isogenic MCF10 model. <i>Journal of Pathology</i> , 2016, 240, 315-328.	2.1	35
17	Cholesteryl Esters: Fueling the Fury of Prostate Cancer. <i>Cell Metabolism</i> , 2014, 19, 350-352.	7.2	23
18	3D Growth of Cancer Cells Elicits Sensitivity to Kinase Inhibitors but Not Lipid Metabolism Modifiers. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 376-388.	1.9	17

#	ARTICLE	IF	CITATIONS
19	Adipocytes disrupt the translational programme of acute lymphoblastic leukaemia to favour tumour survival and persistence. <i>Nature Communications</i> , 2021, 12, 5507.	5.8	15
20	A role for the cancer-associated miR-106b-25 cluster in neuronal stem cells. <i>Aging</i> , 2011, 3, 329-331.	1.4	10
21	3D Functional Genomics Screens Identify CREBBP as a Targetable Driver in Aggressive Triple-Negative Breast Cancer. <i>Cancer Research</i> , 2021, 81, 847-859.	0.4	7
22	Utilizing Functional Genomics Screening to Identify Potentially Novel Drug Targets in Cancer Cell Spheroid Cultures. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	6
23	A micronutrient with major effects on cancer cell viability. <i>Nature Metabolism</i> , 2020, 2, 564-565.	5.1	1