

# Paul C Mcdonald

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5859633/publications.pdf>

Version: 2024-02-01

28  
papers

3,561  
citations

279798

23  
h-index

501196

28  
g-index

29  
all docs

29  
docs citations

29  
times ranked

4697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting Tumor Hypoxia: Suppression of Breast Tumor Growth and Metastasis by Novel Carbonic Anhydrase IX Inhibitors. <i>Cancer Research</i> , 2011, 71, 3364-3376.	0.9	662
2	Ureido-Substituted Benzenesulfonamides Potently Inhibit Carbonic Anhydrase IX and Show Antimetastatic Activity in a Model of Breast Cancer Metastasis. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 1896-1902.	6.4	443
3	Recent Developments in Targeting Carbonic Anhydrase IX for Cancer Therapeutics. <i>Oncotarget</i> , 2012, 3, 84-97.	1.8	365
4	Integrin-linked kinase " essential roles in physiology and cancer biology. <i>Journal of Cell Science</i> , 2008, 121, 3121-3132.	2.0	316
5	Rictor and Integrin-Linked Kinase Interact and Regulate Akt Phosphorylation and Cancer Cell Survival. <i>Cancer Research</i> , 2008, 68, 1618-1624.	0.9	200
6	Inactivation of the Hippo tumour suppressor pathway by integrin-linked kinase. <i>Nature Communications</i> , 2013, 4, 2976.	12.8	176
7	Regulation of pH by Carbonic Anhydrase 9 Mediates Survival of Pancreatic Cancer Cells With Activated KRAS in Response to Hypoxia. <i>Gastroenterology</i> , 2019, 157, 823-837.	1.3	153
8	A Phase 1 Study of SLC-0111, a Novel Inhibitor of Carbonic Anhydrase IX, in Patients With Advanced Solid Tumors. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2020, 43, 484-490.	1.3	141
9	Epithelial"mesenchymal transition (EMT) is not sufficient for spontaneous murine breast cancer metastasis. <i>Developmental Dynamics</i> , 2008, 237, 2755-2768.	1.8	114
10	Preferential Dependence of Breast Cancer Cells versus Normal Cells on Integrin-Linked Kinase for Protein Kinase B/Akt Activation and Cell Survival. <i>Cancer Research</i> , 2006, 66, 393-403.	0.9	113
11	Carbonic Anhydrase IX Promotes Myeloid-Derived Suppressor Cell Mobilization and Establishment of a Metastatic Niche by Stimulating G-CSF Production. <i>Cancer Research</i> , 2015, 75, 996-1008.	0.9	111
12	Overcoming Hypoxia-Mediated Tumor Progression: Combinatorial Approaches Targeting pH Regulation, Angiogenesis and Immune Dysfunction. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 27.	3.7	107
13	Targeting Hypoxia-Induced Carbonic Anhydrase IX Enhances Immune-Checkpoint Blockade Locally and Systemically. <i>Cancer Immunology Research</i> , 2019, 7, 1064-1078.	3.4	104
14	Addition of carbonic anhydrase 9 inhibitor SLC-0111 to temozolomide treatment delays glioblastoma growth in vivo. <i>JCI Insight</i> , 2017, 2, .	5.0	94
15	Genome-wide synthetic lethal screen unveils novel CAIX-NFS1/xCT axis as a targetable vulnerability in hypoxic solid tumors. <i>Science Advances</i> , 2021, 7, .	10.3	65
16	Carbonic Anhydrase IX (CAIX) as a Mediator of Hypoxia-Induced Stress Response in Cancer Cells. <i>Sub-Cellular Biochemistry</i> , 2014, 75, 255-269.	2.4	63
17			

#	ARTICLE	IF	CITATIONS
19	Cancer Therapeutic Targeting of Hypoxia Induced Carbonic Anhydrase IX: From Bench to Bedside. <i>Cancers</i> , 2022, 14, 3297.	3.7	45
20	Coordinated Regulation of Metabolic Transporters and Migration/Invasion by Carbonic Anhydrase IX. <i>Metabolites</i> , 2018, 8, 20.	2.9	40
21	β1 integrin, ILK and mTOR regulate collagen synthesis in mechanically loaded tendon cells. <i>Scientific Reports</i> , 2020, 10, 12644.	3.3	37
22	Harnessing Induced Essentiality: Targeting Carbonic Anhydrase IX and Angiogenesis Reduces Lung Metastasis of Triple Negative Breast Cancer Xenografts. <i>Cancers</i> , 2019, 11, 1002.	3.7	34
23	LIMD2 Is a Small LIM-Only Protein Overexpressed in Metastatic Lesions That Regulates Cell Motility and Tumor Progression by Directly Binding to and Activating the Integrin-Linked Kinase. <i>Cancer Research</i> , 2014, 74, 1390-1403.	0.9	28
24	A novel inhibitory effect of oxazol-5-one compounds on ROCKII signaling in human coronary artery vascular smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 32118.	3.3	17
25	New Perspectives on the Role of Integrin-Linked Kinase (ILK) Signaling in Cancer Metastasis. <i>Cancers</i> , 2022, 14, 3209.	3.7	11
26	Isolation and characterization of monoclonal antibodies against human carbonic anhydrase-IX. <i>MAbs</i> , 2021, 13, 1999194.	5.2	5
27	Hydrogen-deuterium exchange mass spectrometry reveals three unique binding responses of mAbs directed to the catalytic domain of hCAIX. <i>MAbs</i> , 2021, 13, 1997072.	5.2	4
28	Syntaxin4-Munc18c Interaction Promotes Breast Tumor Invasion and Metastasis by Regulating MT1-MMP Trafficking. <i>Molecular Cancer Research</i> , 2022, 20, 434-445.	3.4	2