

Daina Avizonis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10031188/publications.pdf>

Version: 2024-02-01

36
papers

3,010
citations

304602

22
h-index

360920

35
g-index

39
all docs

39
docs citations

39
times ranked

6607
citing authors

#	ARTICLE	IF	CITATIONS
1	Sarm1 activation produces cADPR to increase intra-axonal Ca ⁺⁺ and promote axon degeneration in PIPN. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	44
2	Mitochondrial complex IV defects induce metabolic and signaling perturbations that expose potential vulnerabilities in HCT116 cells. <i>FEBS Open Bio</i> , 2022, 12, 959-982.	1.0	2
3	Reprogramming of Nucleotide Metabolism Mediates Synergy between Epigenetic Therapy and MAP Kinase Inhibition. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 64-75.	1.9	5
4	STAT1 potentiates oxidative stress revealing a targetable vulnerability that increases phenformin efficacy in breast cancer. <i>Nature Communications</i> , 2021, 12, 3299.	5.8	24
5	Glucose metabolism and pyruvate carboxylase enhance glutathione synthesis and restrict oxidative stress in pancreatic islets. <i>Cell Reports</i> , 2021, 37, 110037.	2.9	21
6	Genome-Wide Screens Reveal that Resveratrol Induces Replicative Stress in Human Cells. <i>Molecular Cell</i> , 2020, 79, 846-856.e8.	4.5	18
7	Glucose-dependent partitioning of arginine to the urea cycle protects β^2 -cells from inflammation. <i>Nature Metabolism</i> , 2020, 2, 432-446.	5.1	27
8	Methotrexate elicits pro-respiratory and anti-growth effects by promoting AMPK signaling. <i>Scientific Reports</i> , 2020, 10, 7838.	1.6	10
9	Repression of LKB1 by miR-17 [~] 492 Sensitizes MYC-Dependent Lymphoma to Biguanide Treatment. <i>Cell Reports Medicine</i> , 2020, 1, 100014.	3.3	16
10	eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 5151.	5.8	64
11	Translational and HIF-1 α -Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. <i>Cell Metabolism</i> , 2018, 28, 817-832.e8.	7.2	61
12	Interplay between ShcA Signaling and PGC-1 α Triggers Targetable Metabolic Vulnerabilities in Breast Cancer. <i>Cancer Research</i> , 2018, 78, 4826-4838.	0.4	10
13	Leveraging increased cytoplasmic nucleoside kinase activity to target mtDNA and oxidative phosphorylation in AML. <i>Blood</i> , 2017, 129, 2657-2666.	0.6	61
14	Metabolomics Analyses of Cancer Cells in Controlled Microenvironments. <i>Methods in Molecular Biology</i> , 2016, 1458, 273-290.	0.4	14
15	High Sensitivity of an Ha-RAS Transgenic Model of Superficial Bladder Cancer to Metformin Is Associated with \sim 240-Fold Higher Drug Concentration in Urine than Serum. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 430-438.	1.9	16
16	Deletion of the gene encoding G0/G1 switch protein 2 (G0s2) alleviates high-fat-diet-induced weight gain and insulin resistance, and promotes browning of white adipose tissue in mice. <i>Diabetologia</i> , 2015, 58, 149-157.	2.9	38
17	Mitochondrial Phosphoenolpyruvate Carboxykinase Regulates Metabolic Adaptation and Enables Glucose-Independent Tumor Growth. <i>Molecular Cell</i> , 2015, 60, 195-207.	4.5	200
18	Stable Isotope Tracer Analysis in Isolated Mitochondria from Mammalian Systems. <i>Metabolites</i> , 2014, 4, 166-183.	1.3	33

#	ARTICLE	IF	CITATIONS
19	Loss of the tumor suppressor LKB1 promotes metabolic reprogramming of cancer cells via HIF-1 α . Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2554-2559.	3.3	212
20	Oxidative metabolism enables <i>Salmonella</i> evasion of the NLRP3 inflammasome. Journal of Experimental Medicine, 2014, 211, 653-668.	4.2	92
21	Synergy between the NAMPT Inhibitor GMX1777(8) and Pemetrexed in Non-Small Cell Lung Cancer Cells Is Mediated by PARP Activation and Enhanced NAD Consumption. Cancer Research, 2014, 74, 5948-5954.	0.4	37
22	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. Cell Metabolism, 2013, 18, 698-711.	7.2	647
23	LKB1 is a central regulator of tumor initiation and pro-growth metabolism in ErbB2-mediated breast cancer. Cancer & Metabolism, 2013, 1, 18.	2.4	44
24	PGC-1 α supports glutamine metabolism in breast cancer. Cancer & Metabolism, 2013, 1, 22.	2.4	130
25	AMPK Is a Negative Regulator of the Warburg Effect and Suppresses Tumor Growth In Vivo. Cell Metabolism, 2013, 17, 113-124.	7.2	754
26	The complete targeted profile of the organic acid intermediates of the citric acid cycle using a single stable isotope dilution analysis, sodium borodeuteride reduction and selected ion monitoring GC/MS. Metabolomics, 2013, 9, 1019-1030.	1.4	44
27	PGC-1 α Promotes the Growth of ErbB2/NeuR-induced Mammary Tumors by Regulating Nutrient Supply. Cancer Research, 2012, 72, 1538-1546.	0.4	45
28	Alterations in Cellular Energy Metabolism Associated with the Antiproliferative Effects of the ATM Inhibitor KU-55933 and with Metformin. PLoS ONE, 2012, 7, e49513.	1.1	29
29	Electronic Referencing Techniques for Quantitative NMR: Pitfalls and How To Avoid Them Using Amplitude-Corrected Referencing through Signal Injection. Analytical Chemistry, 2008, 80, 8320-8323.	3.2	28
30	Improving NMR sensitivity by use of salt-tolerant cryogenically cooled probes. Analytical and Bioanalytical Chemistry, 2007, 387, 529-532.	1.9	29
31	The Internet for Nuclear Magnetic Resonance Spectroscopists. Methods in Enzymology, 2002, 338, 247-259e.	0.4	2
32	Chromatin, TAFs, and a novel multiprotein coactivator are required for synergistic activation by Sp1 and SREBP-1a in vitro. Genes and Development, 1998, 12, 3020-3031.	2.7	184
33	Conformations and Dynamics of the Essential Cysteinyl-Cysteine Ring Derived from the Acetylcholine Receptor. Journal of the American Chemical Society, 1996, 118, 13031-13039.	6.6	18
34	Structural characterization of d(CAACCCGTTG) and d(CAACGGGTTG) mini-hairpin loops by heteronuclear NMR: the effects of purines versus pyrimidines in DNA hairpins. Nucleic Acids Research, 1995, 23, 1260-1268.	6.5	19
35	Solid phase synthesis of 5-hydroxymethyluracil containing DNA. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 79-82.	1.0	29
36	Translational and HIF1-Dependent Metabolic Reprogramming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. SSRN Electronic Journal, 0, , .	0.4	1