Daina Avizonis

List of Publications by Year
in descending order

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36 papers	3,010 citations	304743 22 h-index	361022 35 g-index
39 all docs	39 docs citations	39 times ranked	6607 citing authors

#	Article	IF	Citations
1	AMPK Is a Negative Regulator of the Warburg Effect and Suppresses Tumor Growth InÂVivo. Cell Metabolism, 2013, 17, 113-124.	16.2	754
2	mTORC1 Controls Mitochondrial Activity and Biogenesis through 4E-BP-Dependent Translational Regulation. Cell Metabolism, 2013, 18, 698-711.	16.2	647
3	Loss of the tumor suppressor LKB1 promotes metabolic reprogramming of cancer cells via HIF-1Î±. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2554-2559.	7.1	212
4	Mitochondrial Phosphoenolpyruvate Carboxykinase Regulates Metabolic Adaptation and Enables Glucose-Independent Tumor Growth. Molecular Cell, 2015, 60, 195-207.	9.7	200
5	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.	5.9	184
6	PGC-1Î± supports glutamine metabolism in breast cancer. Cancer & Metabolism, 2013, 1, 22.	5.0	130
7	Oxidative metabolism enables Salmonella evasion of the NLRP3 inflammasome. Journal of Experimental Medicine, 2014, 211, 653-668.	8.5	92
8	eIF4A supports an oncogenic translation program in pancreatic ductal adenocarcinoma. Nature Communications, 2019, 10, 5151.	12.8	64
9	Leveraging increased cytoplasmic nucleoside kinase activity to target mtDNA and oxidative phosphorylation in AML. Blood, 2017, 129, 2657-2666.	1.4	61
10	Translational and HIF-1Î±-Dependent Metabolic Reprogramming Underpin Metabolic Plasticity and Responses to Kinase Inhibitors and Biguanides. Cell Metabolism, 2018, 28, 817-832.e8.	16.2	61
11	PGC-1Î± Promotes the Growth of ErbB2/Neuâ€“Induced Mammary Tumors by Regulating Nutrient Supply. Cancer Research, 2012, 72, 1538-1546.	0.9	45
12	LKB1 is a central regulator of tumor initiation and pro-growth metabolism in ErbB2-mediated breast cancer. Cancer & Metabolism, 2013, 1, 18.	5.0	44
13	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.	3.0	44
14	Sarm1 activation produces cADPR to increase intra-axonal Ca++ and promote axon degeneration in PIPN. Journal of Cell Biology, 2022, 221, .	5.2	44
15	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. Diabetologia, 2015, 58, 149-157.	6.3	38
16	Synergy between the NAMPT Inhibitor GMX1777(8) and Pemetrexed in Nonâ€“Small Cell Lung Cancer Cells Is Mediated by PARP Activation and Enhanced NAD Consumption. Cancer Research, 2014, 74, 5948-5954.	0.9	37
17	Stable Isotope Tracer Analysis in Isolated Mitochondria from Mammalian Systems. Metabolites, 2014, 4, 166-183.	2.9	33
18	Solid phase synthesis of 5-hydroxymethyluracil containing DNA. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 79-82.	2.2	29

#	Article	IF	Citations
19	Improving NMR sensitivity by use of salt-tolerant cryogenically cooled probes. Analytical and Bioanalytical Chemistry, 2007, 387, 529-532.	3.7	29
20	Alterations in Cellular Energy Metabolism Associated with the Antiproliferative Effects of the ATM Inhibitor KU-55933 and with Metformin. PLoS ONE, 2012, 7, e49513.	2.5	29
21	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.	6.5	28
22	Glucose-dependent partitioning of arginine to the urea cycle protects Î²-cells from inflammation. Nature Metabolism, 2020, 2, 432-446.	11.9	27
23	STAT1 potentiates oxidative stress revealing a targetable vulnerability that increases phenformin efficacy in breast cancer. Nature Communications, 2021, 12, 3299.	12.8	24
24	Glucose metabolism and pyruvate carboxylase enhance glutathione synthesis and restrict oxidative stress in pancreatic islets. Cell Reports, 2021, 37, 110037.	6.4	21
25	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.	14.5	19
26	Conformations and Dynamics of the Essential Cysteinyl-Cysteine Ring Derived from the Acetylcholine Receptorâ€,â€¡. Journal of the American Chemical Society, 1996, 118, 13031-13039.	13.7	18
27	Genome-Wide Screens Reveal that Resveratrol Induces Replicative Stress in Human Cells. Molecular Cell, 2020, 79, 846-856.e8.	9.7	18
28	High Sensitivity of an Ha-RAS Transgenic Model of Superficial Bladder Cancer to Metformin Is Associated with â^¼240-Fold Higher Drug Concentration in Urine than Serum. Molecular Cancer Therapeutics, 2016, 15, 430-438.	4.1	16
29	Repression of LKB1 by miR-17â^¼92 Sensitizes MYC-Dependent Lymphoma to Biguanide Treatment. Cell Reports Medicine, 2020, 1, 100014.	6.5	16
30	Metabolomics Analyses of Cancer Cells in Controlled Microenvironments. Methods in Molecular Biology, 2016, 1458, 273-290.	0.9	14
31	Interplay between ShcA Signaling and PGC-1Î± Triggers Targetable Metabolic Vulnerabilities in Breast Cancer. Cancer Research, 2018, 78, 4826-4838.	0.9	10
32	Methotrexate elicits pro-respiratory and anti-growth effects by promoting AMPK signaling. Scientific Reports, 2020, 10, 7838.	3.3	10
33	Reprogramming of Nucleotide Metabolism Mediates Synergy between Epigenetic Therapy and MAP Kinase Inhibition. Molecular Cancer Therapeutics, 2021, 20, 64-75.	4.1	5
34	The Internet for Nuclear Magnetic Resonance Spectroscopists. Methods in Enzymology, 2002, 338, 247-259e.	1.0	2
35	Mitochondrial complex IV defects induce metabolic and signaling perturbations that expose potential vulnerabilities in HCT116 cells. FEBS Open Bio, 2022, 12, 959-982.	2.3	2
36	Translational and HIF11-Dependent Metabolic Reprograming Underpin Oncometabolome Plasticity and Synergy Between Oncogenic Kinase Inhibitors and Biguanides. SSRN Electronic Journal, 0, , .	0.4	1