

Isaac S Harris

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

15,813
citations

147566

31
h-index

264894

42
g-index

47
all docs

47
docs citations

47
times ranked

28595
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacologic Screening Identifies Metabolic Vulnerabilities of CD8+ T Cells. <i>Cancer Immunology Research</i> , 2021, 9, 184-199.	1.6	74
2	Non-canonical Glutamate-Cysteine Ligase Activity Protects against Ferroptosis. <i>Cell Metabolism</i> , 2021, 33, 174-189.e7.	7.2	151
3	Targeting oncoproteins with a positive selection assay for protein degraders. <i>Science Advances</i> , 2021, 7, .	4.7	26
4	DDRE-29. DE NOVO PYRIMIDINE SYNTHESIS IS A TARGETABLE VULNERABILITY IN IDH-MUTANT GLIOMA. <i>Neuro-Oncology Advances</i> , 2021, 3, i12-i13.	0.4	1
5	Glutathione and its precursors in cancer. <i>Current Opinion in Biotechnology</i> , 2021, 68, 292-299.	3.3	58
6	Combined epigenetic and metabolic treatments overcome differentiation blockade in acute myeloid leukemia. <i>IScience</i> , 2021, 24, 102651.	1.9	4
7	Metabolic perturbations sensitize triple-negative breast cancers to apoptosis induced by BH3 mimetics. <i>Science Signaling</i> , 2021, 14, .	1.6	10
8	3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. <i>Molecular Cell</i> , 2020, 80, 828-844.e6.	4.5	110
9	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. <i>Cell Metabolism</i> , 2020, 31, 920-936.e7.	7.2	109
10	The Complex Interplay between Antioxidants and ROS in Cancer. <i>Trends in Cell Biology</i> , 2020, 30, 440-451.	3.6	344
11	Synthetic Lethal and Resistance Interactions with BET Bromodomain Inhibitors in Triple-Negative Breast Cancer. <i>Molecular Cell</i> , 2020, 78, 1096-1113.e8.	4.5	114
12	Targeting Oncoproteins with a Positive Selection Assay for Protein Degradation. <i>Blood</i> , 2020, 136, 13-14.	0.6	0
13	United They Stand, Divided They Fall. <i>Cell Metabolism</i> , 2019, 30, 624-625.	7.2	3
14	HIF-independent synthetic lethality between CDK4/6 inhibition and VHL loss across species. <i>Science Signaling</i> , 2019, 12, .	1.6	47
15	Deubiquitinases Maintain Protein Homeostasis and Survival of Cancer Cells upon Glutathione Depletion. <i>Cell Metabolism</i> , 2019, 29, 1166-1181.e6.	7.2	121
16	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
17	Cancer Cells Co-opt the Neuronal Redox-Sensing Channel TRPA1 to Promote Oxidative-Stress Tolerance. <i>Cancer Cell</i> , 2018, 33, 985-1003.e7.	7.7	184
18	Inhibition of epithelial cell migration and Src/FAK signaling by SIRT3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7057-7062.	3.3	55

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19	Glutathione Primes T Cell Metabolism for Inflammation. <i>Immunity</i> , 2017, 46, 675-689.	6.6	318
20	Identification of cancer genes that are independent of dominant proliferation and lineage programs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11276-E11284.	3.3	20
21	Differential Glutamate Metabolism in Proliferating and Quiescent Mammary Epithelial Cells. <i>Cell Metabolism</i> , 2016, 23, 867-880.	7.2	214
22	Making sense of reAKTive oxygen species. <i>Cell Death and Differentiation</i> , 2016, 23, 1269-1270.	5.0	2
23	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. <i>Cancer Cell</i> , 2015, 27, 211-222.	7.7	748
24	Idh1 protects murine hepatocytes from endotoxin-induced oxidative stress by regulating the intracellular NADP+/NADPH ratio. <i>Cell Death and Differentiation</i> , 2015, 22, 1837-1845.	5.0	85
25	The enemy of my enemy is my friend. <i>Nature</i> , 2015, 527, 170-171.	13.7	47
26	TAp73 is required for spermatogenesis and the maintenance of male fertility. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1843-1848.	3.3	89
27	PTPN12 promotes resistance to oxidative stress and supports tumorigenesis by regulating FOXO signaling. <i>Oncogene</i> , 2014, 33, 1047-1054.	2.6	32
28	Human somatic cell mutagenesis creates genetically tractable sarcomas. <i>Nature Genetics</i> , 2014, 46, 964-972.	9.4	29
29	Mule/Huwe1/Arf-BP1 suppresses Ras-driven tumorigenesis by preventing c-Myc/Miz1-mediated down-regulation of p21 and p15. <i>Genes and Development</i> , 2013, 27, 1101-1114.	2.7	113
30	Modulation of oxidative stress as an anticancer strategy. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 931-947.	21.5	2,735
31	Reactive oxygen species delay control of lymphocytic choriomeningitis virus. <i>Cell Death and Differentiation</i> , 2013, 20, 649-658.	5.0	44
32	Functional significance of glutamate-cysteine ligase modifier for erythrocyte survival in vitro and in vivo. <i>Cell Death and Differentiation</i> , 2013, 20, 1350-1358.	5.0	25
33	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. <i>Journal of Experimental Medicine</i> , 2013, 210, 1529-1544.	4.2	239
34	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. <i>Journal of Cell Biology</i> , 2013, 202, 2022OIA57.	2.3	0
35	PKM2: A gatekeeper between growth and survival. <i>Cell Research</i> , 2012, 22, 447-449.	5.7	65
36	TAp73 depletion accelerates aging through metabolic dysregulation. <i>Genes and Development</i> , 2012, 26, 2009-2014.	2.7	115

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37	D-2-hydroxyglutarate produced by mutant IDH1 perturbs collagen maturation and basement membrane function. <i>Genes and Development</i> , 2012, 26, 2038-2049.	2.7	257
38	IDH1(R132H) mutation increases murine haematopoietic progenitors and alters epigenetics. <i>Nature</i> , 2012, 488, 656-659.	13.7	474
39	Global Proteomic Assessment of the Classical Protein-Tyrosine Phosphatome and "Redoxome". <i>Cell</i> , 2011, 146, 826-840.	13.5	156
40	Cancer Cell Metabolism. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2011, 76, 299-311.	2.0	136
41	Regulation of cancer cell metabolism. <i>Nature Reviews Cancer</i> , 2011, 11, 85-95.	12.8	4,100
42	FOXO3a Is Activated in Response to Hypoxic Stress and Inhibits HIF1-Induced Apoptosis via Regulation of CITED2. <i>Molecular Cell</i> , 2007, 28, 941-953.	4.5	240