Isaac S Harris

List of Publications by Year
in descending order

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	Regulation of cancer cell metabolism. Nature Reviews Cancer, 2011, 11, 85-95.	12.8	4,100
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Modulation of oxidative stress as an anticancer strategy. Nature Reviews Drug Discovery, 2013, 12, 931-947.	21.5	2,735
4	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. Cancer Cell, 2015, 27, 211-222.	7.7	748
5	IDH1(R132H) mutation increases murine haematopoietic progenitors and alters epigenetics. Nature, 2012, 488, 656-659.	13.7	474
6	The Complex Interplay between Antioxidants and ROS in Cancer. Trends in Cell Biology, 2020, 30, 440-451.	3.6	344
7	Glutathione Primes T Cell Metabolism for Inflammation. Immunity, 2017, 46, 675-689.	6.6	318
8	D-2-hydroxyglutarate produced by mutant IDH1 perturbs collagen maturation and basement membrane function. Genes and Development, 2012, 26, 2038-2049.	2.7	257
9	FOXO3a Is Activated in Response to Hypoxic Stress and Inhibits HIF1-Induced Apoptosis via Regulation of CITED2. Molecular Cell, 2007, 28, 941-953.	4.5	240
10	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Experimental Medicine, 2013, 210, 1529-1544.	4.2	239
11	Differential Glutamate Metabolism in Proliferating and Quiescent Mammary Epithelial Cells. Cell Metabolism, 2016, 23, 867-880.	7.2	214
12	Cancer Cells Co-opt the Neuronal Redox-Sensing Channel TRPA1 to Promote Oxidative-Stress Tolerance. Cancer Cell, 2018, 33, 985-1003.e7.	7.7	184
13	Global Proteomic Assessment of the Classical Protein-Tyrosine Phosphatome and â€œRedoxomeâ€• Cell, 2011, 146, 826-840.	13.5	156
14	Non-canonical Glutamate-Cysteine Ligase Activity Protects against Ferroptosis. Cell Metabolism, 2021, 33, 174-189.e7.	7.2	151
15	Cancer Cell Metabolism. Cold Spring Harbor Symposia on Quantitative Biology, 2011, 76, 299-311.	2.0	136
16	Deubiquitinases Maintain Protein Homeostasis and Survival of Cancer Cells upon Glutathione Depletion. Cell Metabolism, 2019, 29, 1166-1181.e6.	7.2	121
17	TAp73 depletion accelerates aging through metabolic dysregulation. Genes and Development, 2012, 26, 2009-2014.	2.7	115
18	Synthetic Lethal and Resistance Interactions with BET Bromodomain Inhibitors in Triple-Negative Breast Cancer. Molecular Cell, 2020, 78, 1096-1113.e8.	4.5	114

#	Article	IF	Citations
19	Mule/Huwe1/Arf-BP1 suppresses Ras-driven tumorigenesis by preventing c-Myc/Miz1-mediated down-regulation of p21 and p15. Genes and Development, 2013, 27, 1101-1114.	2.7	113
20	3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. Molecular Cell, 2020, 80, 828-844.e6.	4.5	110
21	Glutathione Restricts Serine Metabolism to Preserve Regulatory T Cell Function. Cell Metabolism, 2020, 31, 920-936.e7.	7.2	109
22	TAp73 is required for spermatogenesis and the maintenance of male fertility. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1843-1848.	3.3	89
23	Idh1 protects murine hepatocytes from endotoxin-induced oxidative stress by regulating the intracellular NADP+/NADPH ratio. Cell Death and Differentiation, 2015, 22, 1837-1845.	5.0	85
24	Pharmacologic Screening Identifies Metabolic Vulnerabilities of CD8+ T Cells. Cancer Immunology Research, 2021, 9, 184-199.	1.6	74
25	PKM2: A gatekeeper between growth and survival. Cell Research, 2012, 22, 447-449.	5.7	65
26	Glutathione and its precursors in cancer. Current Opinion in Biotechnology, 2021, 68, 292-299.	3.3	58
27	Inhibition of epithelial cell migration and Src/FAK signaling by SIRT3. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7057-7062.	3.3	55
28	The enemy of my enemy is my friend. Nature, 2015, 527, 170-171.	13.7	47
29	HIF-independent synthetic lethality between CDK4/6 inhibition and VHL loss across species. Science Signaling, 2019, 12, .	1.6	47
30	Reactive oxygen species delay control of lymphocytic choriomeningitis virus. Cell Death and Differentiation, 2013, 20, 649-658.	5.0	44
31	PTPN12 promotes resistance to oxidative stress and supports tumorigenesis by regulating FOXO signaling. Oncogene, 2014, 33, 1047-1054.	2.6	32
32	Human somatic cell mutagenesis creates genetically tractable sarcomas. Nature Genetics, 2014, 46, 964-972.	9.4	29
33	Targeting oncoproteins with a positive selection assay for protein degraders. Science Advances, 2021, 7, .	4.7	26
34	Functional significance of glutamateâ€“cysteine ligase modifier for erythrocyte survival in vitro and in vivo. Cell Death and Differentiation, 2013, 20, 1350-1358.	5.0	25
35	Identification of cancer genes that are independent of dominant proliferation and lineage programs. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11276-E11284.	3.3	20
36	Metabolic perturbations sensitize triple-negative breast cancers to apoptosis induced by BH3 mimetics. Science Signaling, 2021, 14, .	1.6	10

#	Article	IF	Citations
37	Combined epigenetic and metabolic treatments overcome differentiation blockade in acute myeloid leukemia. IScience, 2021, 24, 102651.	1.9	4
38	United They Stand, Divided They Fall. Cell Metabolism, 2019, 30, 624-625.	7.2	3
39	Making sense of reAKTive oxygen species. Cell Death and Differentiation, 2016, 23, 1269-1270.	5.0	2
40	DDRE-29. DE NOVO PYRIMIDINE SYNTHESIS IS A TARGETABLE VULNERABILITY IN IDH-MUTANT GLIOMA. Neuro-Oncology Advances, 2021, 3, i12-i13.	0.4	1
41	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. Journal of Cell Biology, 2013, 202, 2022OIA57.	2.3	0
42	Targeting Oncoproteins with a Positive Selection Assay for Protein Degraders. Blood, 2020, 136, 13-14.	0.6	0