

Paul M Hwang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

7,679
citations

236925

25
h-index

289244

40
g-index

42
all docs

42
docs citations

42
times ranked

8543
citing authors

#	ARTICLE	IF	CITATIONS
1	Localization of nitric oxide synthase indicating a neural role for nitric oxide. <i>Nature</i> , 1990, 347, 768-770.	27.8	2,959
2	p53 Regulates Mitochondrial Respiration. <i>Science</i> , 2006, 312, 1650-1653.	12.6	1,450
3	PUMA Induces the Rapid Apoptosis of Colorectal Cancer Cells. <i>Molecular Cell</i> , 2001, 7, 673-682.	9.7	1,162
4	Ferredoxin reductase affects p53-dependent, 5-fluorouracil-induced apoptosis in colorectal cancer cells. <i>Nature Medicine</i> , 2001, 7, 1111-1117.	30.7	389
5	p53 Improves Aerobic Exercise Capacity and Augments Skeletal Muscle Mitochondrial DNA Content. <i>Circulation Research</i> , 2009, 105, 705-712.	4.5	164
6	A pivotal role for p53: balancing aerobic respiration and glycolysis. <i>Journal of Bioenergetics and Biomembranes</i> , 2007, 39, 243-246.	2.3	139
7	Targeted disruption of p53 attenuates doxorubicin-induced cardiac toxicity in mice. <i>Molecular and Cellular Biochemistry</i> , 2005, 273, 25-32.	3.1	125
8	Mitochondrial respiration protects against oxygen-associated DNA damage. <i>Nature Communications</i> , 2010, 1, 5.	12.8	121
9	Increased Oxidative Metabolism in the Li-Fraumeni Syndrome. <i>New England Journal of Medicine</i> , 2013, 368, 1027-1032.	27.0	112
10	p53 as guardian of the mitochondrial genome. <i>FEBS Letters</i> , 2016, 590, 924-934.	2.8	103
11	Tumour predisposition and cancer syndromes as models to study gene-environment interactions. <i>Nature Reviews Cancer</i> , 2020, 20, 533-549.	28.4	93
12	Circulating transcriptome reveals markers of atherosclerosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3423-3428.	7.1	88
13	Polo-like kinases mediate cell survival in mitochondrial dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14542-14546.	7.1	74
14	Mitochondrial disulfide relay mediates translocation of p53 and partitions its subcellular activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17356-17361.	7.1	67
15	Zinc Finger Protein Tristetraprolin Interacts with CCL3 mRNA and Regulates Tissue Inflammation. <i>Journal of Immunology</i> , 2011, 187, 2696-2701.	0.8	55
16	p53 prevents doxorubicin cardiotoxicity independently of its prototypical tumor suppressor activities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19626-19634.	7.1	55
17	Serial Analysis of Gene Expression. <i>Circulation Research</i> , 2002, 91, 565-569.	4.5	52
18	p53, Aerobic Metabolism, and Cancer. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1739-1748.	5.4	46

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19	TP53 mutation, mitochondria and cancer. <i>Current Opinion in Genetics and Development</i> , 2016, 38, 16-22.	3.3	46
20	Atherosclerotic Plaque Macrophage Transcriptional Regulators Are Expressed in Blood and Modulated by Tristetraprolin. <i>Circulation Research</i> , 2006, 98, 1282-1289.	4.5	43
21	Inhibiting mitochondrial respiration prevents cancer in a mouse model of Li-Fraumeni syndrome. <i>Journal of Clinical Investigation</i> , 2016, 127, 132-136.	8.2	39
22	Polo-like kinase 2 activates an antioxidant pathway to promote the survival of cells with mitochondrial dysfunction. <i>Free Radical Biology and Medicine</i> , 2014, 73, 270-277.	2.9	37
23	Ambient Oxygen Promotes Tumorigenesis. <i>PLoS ONE</i> , 2011, 6, e19785.	2.5	35
24	Metabolic regulation of oxygen and redox homeostasis by p53: Lessons from evolutionary biology?. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1279-1285.	2.9	33
25	p53. <i>Current Opinion in Oncology</i> , 2012, 24, 76-82.	2.4	29
26	Mouse Homolog of the Human <i>TP53</i> R337H Mutation Reveals Its Role in Tumorigenesis. <i>Cancer Research</i> , 2018, 78, 5375-5383.	0.9	24
27	Genomic Analysis of Circulating Cells: A Window Into Atherosclerosis. <i>Trends in Cardiovascular Medicine</i> , 2006, 16, 163-168.	4.9	21
28	Cardiotoxicity of Cancer Treatments: Focus on Anthracycline Cardiomyopathy. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2648-2660.	2.4	20
29	Long-term adaptation to hypoxia preserves hematopoietic stem cell function. <i>Experimental Hematology</i> , 2016, 44, 866-873.e4.	0.4	16
30	Forkhead Box O3A (FOXO3) and the Mitochondrial Disulfide Relay Carrier (CHCHD4) Regulate p53 Protein Nuclear Activity in Response to Exercise. <i>Journal of Biological Chemistry</i> , 2016, 291, 24819-24827.	3.4	16
31	Low ambient oxygen prevents atherosclerosis. <i>Journal of Molecular Medicine</i> , 2016, 94, 277-286.	3.9	14
32	Mitochondria and oxygen homeostasis. <i>FEBS Journal</i> , 2022, 289, 6959-6968.	4.7	13
33	A Mouse Homolog of a Human TP53 Germline Mutation Reveals a Lipolytic Activity of p53. <i>Cell Reports</i> , 2020, 30, 783-792.e5.	6.4	12
34	Resizing the Genomic Regulation of Restenosis. <i>Circulation Research</i> , 2007, 100, 1537-1539.	4.5	7
35	Pilot Study Assessing Tolerability and Metabolic Effects of Metformin in Patients With Li-Fraumeni Syndrome. <i>JNCI Cancer Spectrum</i> , 2020, 4, pkaa063.	2.9	6
36	Extracellular Acidity Reprograms Macrophage Metabolism and Innate Responsiveness. <i>Journal of Immunology</i> , 2021, 206, 3021-3031.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Cell-Based Measurements of Mitochondrial Function in Human Subjects. <i>Methods in Enzymology</i> , 2014, 542, 209-221.	1.0	3
38	Reducing Fatty Acid Oxidation Improves Cancer-free Survival in a Mouse Model of Li-Fraumeni Syndrome. <i>Cancer Prevention Research</i> , 2021, 14, 31-40.	1.5	3
39	Protective role of p53 in doxorubicin-induced cardiomyopathy as a mitochondrial disease. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1724598.	0.7	2
40	Modeling the prevalent germline TP53 R337H mutation in mouse. <i>Oncotarget</i> , 2019, 10, 631-632.	1.8	2