Paul M Hwang

List of Publications by Year
in descending order

40 papers	7,679 citations	236612 25 h-index	288905 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. Nature, 1990, 347, 768-770.	13.7	2,959
2	p53 Regulates Mitochondrial Respiration. Science, 2006, 312, 1650-1653.	6.0	1,450
3	PUMA Induces the Rapid Apoptosis of Colorectal Cancer Cells. Molecular Cell, 2001, 7, 673-682.	4.5	1,162
4	Ferredoxin reductase affects p53-dependent, 5-fluorouracilâ€“induced apoptosis in colorectal cancer cells. Nature Medicine, 2001, 7, 1111-1117.	15.2	389
5	p53 Improves Aerobic Exercise Capacity and Augments Skeletal Muscle Mitochondrial DNA Content. Circulation Research, 2009, 105, 705-712.	2.0	164
6	A pivotal role for p53: balancing aerobic respiration and glycolysis. Journal of Bioenergetics and Biomembranes, 2007, 39, 243-246.	1.0	139
7	Targeted disruption of p53 attenuates doxorubicin-induced cardiac toxicity in mice. Molecular and Cellular Biochemistry, 2005, 273, 25-32.	1.4	125
8	Mitochondrial respiration protects against oxygen-associated DNA damage. Nature Communications, 2010, 1, 5.	5.8	121
9	Increased Oxidative Metabolism in the Liâ€“Fraumeni Syndrome. New England Journal of Medicine, 2013, 368, 1027-1032.	13.9	112
10	p53 as guardian of the mitochondrial genome. FEBS Letters, 2016, 590, 924-934.	1.3	103
11	Tumour predisposition and cancer syndromes as models to study geneâ€“environment interactions. Nature Reviews Cancer, 2020, 20, 533-549.	12.8	93
12	Circulating transcriptome reveals markers of atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3423-3428.	3.3	88
13	Polo-like kinases mediate cell survival in mitochondrial dysfunction. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14542-14546.	3.3	74
14	Mitochondrial disulfide relay mediates translocation of p53 and partitions its subcellular activity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17356-17361.	3.3	67
15	Zinc Finger Protein Tristetraprolin Interacts with CCL3 mRNA and Regulates Tissue Inflammation. Journal of Immunology, 2011, 187, 2696-2701.	0.4	55
16	p53 prevents doxorubicin cardiotoxicity independently of its prototypical tumor suppressor activities. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19626-19634.	3.3	55
17	Serial Analysis of Gene Expression. Circulation Research, 2002, 91, 565-569.	2.0	52
18	p53, Aerobic Metabolism, and Cancer. Antioxidants and Redox Signaling, 2011, 15, 1739-1748.	2.5	46

#	Article	IF	Citations
19	TP53 mutation, mitochondria and cancer. Current Opinion in Genetics and Development, 2016, 38, 16-22.	1.5	46
20	Atherosclerotic Plaque Macrophage Transcriptional Regulators Are Expressed in Blood and Modulated by Tristetraprolin. Circulation Research, 2006, 98, 1282-1289.	2.0	43
21	Inhibiting mitochondrial respiration prevents cancer in a mouse model of Li-Fraumeni syndrome. Journal of Clinical Investigation, 2016, 127, 132-136.	3.9	39
22	Polo-like kinase 2 activates an antioxidant pathway to promote the survival of cells with mitochondrial dysfunction. Free Radical Biology and Medicine, 2014, 73, 270-277.	1.3	37
23	Ambient Oxygen Promotes Tumorigenesis. PLoS ONE, 2011, 6, e19785.	1.1	35
24	Metabolic regulation of oxygen and redox homeostasis by p53: Lessons from evolutionary biology?. Free Radical Biology and Medicine, 2012, 53, 1279-1285.	1.3	33
25	p53. Current Opinion in Oncology, 2012, 24, 76-82.	1.1	29
26	Mouse Homolog of the Human TP53 R337H Mutation Reveals Its Role in Tumorigenesis. Cancer Research, 2018, 78, 5375-5383.	0.4	24
27	Genomic Analysis of Circulating Cells: A Window Into Atherosclerosis. Trends in Cardiovascular Medicine, 2006, 16, 163-168.	2.3	21
28	Cardiotoxicity of Cancer Treatments: Focus on Anthracycline Cardiomyopathy. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 2648-2660.	1.1	20
29	Long-term adaptation to hypoxia preserves hematopoietic stem cell function. Experimental Hematology, 2016, 44, 866-873.e4.	0.2	16
30	Forkhead Box O3A (FOXO3) and the Mitochondrial Disulfide Relay Carrier (CHCHD4) Regulate p53 Protein Nuclear Activity in Response to Exercise. Journal of Biological Chemistry, 2016, 291, 24819-24827.	1.6	16
31	Low ambient oxygen prevents atherosclerosis. Journal of Molecular Medicine, 2016, 94, 277-286.	1.7	14
32	Mitochondria and oxygen homeostasis. FEBS Journal, 2022, 289, 6959-6968.	2.2	13
33	A Mouse Homolog of a Human TP53 Germline Mutation Reveals a Lipolytic Activity of p53. Cell Reports, 2020, 30, 783-792.e5.	2.9	12
34	Resizing the Genomic Regulation of Restenosis. Circulation Research, 2007, 100, 1537-1539.	2.0	7
35	Pilot Study Assessing Tolerability and Metabolic Effects of Metformin in Patients With Li-Fraumeni Syndrome. JNCI Cancer Spectrum, 2020, 4, pkaa063.	1.4	6
36	Extracellular Acidity Reprograms Macrophage Metabolism and Innate Responsiveness. Journal of Immunology, 2021, 206, 3021-3031.	0.4	4

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37	Cell-Based Measurements of Mitochondrial Function in Human Subjects. Methods in Enzymology, 2014, 542, 209-221.	0.4	3
38	Reducing Fatty Acid Oxidation Improves Cancer-free Survival in a Mouse Model of Li-Fraumeni Syndrome. Cancer Prevention Research, 2021, 14, 31-40.	0.7	3
39	Protective role of p53 in doxorubicin-induced cardiomyopathy as a mitochondrial disease. Molecular and Cellular Oncology, 2020, 7, 1724598.	0.3	2
40	Modeling the prevalent germline TP53 R337H mutation in mouse. Oncotarget, 2019, 10, 631-632.	0.8	2