Hiroshi Kondoh

List of Publications by Year
in descending order

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		394421	454955
35	2,980	19	30
papers	citations	h-index	g-index

38	38	38	5764
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Oxidative stress and cancer: An overview. Ageing Research Reviews, 2013, 12, 376-390.	10.9	1,106
2	Glycolytic enzymes can modulate cellular life span. Cancer Research, 2005, 65, 177-85.	0.9	458
3	A High Glycolytic Flux Supports the Proliferative Potential of Murine Embryonic Stem Cells. Antioxidants and Redox Signaling, 2007, 9, 293-299.	5.4	302
4	Individual variability in human blood metabolites identifies age-related differences. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 4252-4259.	7.1	294
5	Frailty markers comprise blood metabolites involved in antioxidation, cognition, and mobility. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9483-9489.	7.1	95
6	Cellular life span and the Warburg effect. Experimental Cell Research, 2008, 314, 1923-1928.	2.6	84
7	Dysregulated glycolysis as an oncogenic event. Cellular and Molecular Life Sciences, 2015, 72, 1881-1892.	5.4	65
8	Hepatocyte nuclear factorâ€‘1Î² (HNFâ€‘1Î²) promotes glucose uptake and glycolytic activity in ovarian clear cell carcinoma. Molecular Carcinogenesis, 2015, 54, 35-49.	2.7	57
9	Whole-blood metabolomics of dementia patients reveal classes of disease-linked metabolites. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	51
10	Diverse metabolic reactions activated during 58-hr fasting are revealed by non-targeted metabolomic analysis of human blood. Scientific Reports, 2019, 9, 854.	3.3	50
11	Unexpected similarities between theSchizosaccharomycesand human blood metabolomes, and novel human metabolites. Molecular BioSystems, 2014, 10, 2538-2551.	2.9	49
12	The interplay between autophagy and tumorigenesis: exploiting autophagy as a means of anticancer therapy. Biological Reviews, 2018, 93, 152-165.	10.4	43
13	Senescence-inducing stress promotes proteolysis of phosphoglycerate mutase via ubiquitin ligase Mdm2. Journal of Cell Biology, 2014, 204, 729-745.	5.2	32
14	Autophagy Takes Center Stage as a Possible Cancer Hallmark. Frontiers in Oncology, 2020, 10, 586069.	2.8	31
15	Whole Blood Metabolomics in Aging Research. International Journal of Molecular Sciences, 2021, 22, 175.	4.1	30
16	Persistent Overexpression of Phosphoglycerate Mutase, a Glycolytic Enzyme, Modifies Energy Metabolism and Reduces Stress Resistance of Heart in Mice. PLoS ONE, 2013, 8, e72173.	2.5	29
17	Metabolism of Skin-Absorbed Resveratrol into Its Glucuronized Form in Mouse Skin. PLoS ONE, 2014, 9, e115359.	2.5	29
18	Deacetylation of phosphoglycerate mutase in its distinct central region by <scp>SIRT</scp>2 downâ€regulates its enzymatic activity. Genes To Cells, 2014, 19, 766-777.	1.2	27

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19	T cell-specific deletion of Pgam1 reveals a critical role for glycolysis in T cell responses. Communications Biology, 2020, 3, 394.	4.4	23
20	Glycolysis and cellular immortalization. Drug Discovery Today Disease Mechanisms, 2005, 2, 263-267.	0.8	21
21	Metabolomics of human fasting: new insights about old questions. Open Biology, 2020, 10, 200176.	3.6	19
22	Metabolic shift to serine biosynthesis through 3-PG accumulation and PHGDH induction promotes tumor growth in pancreatic cancer. Cancer Letters, 2021, 523, 29-42.	7.2	16
23	Reduced uremic metabolites are prominent feature of sarcopenia, distinct from antioxidative markers for frailty. Aging, 2021, 13, 20915-20934.	3.1	15
24	Decline of ergothioneine in frailty and cognition impairment. FEBS Letters, 2022, 596, 1270-1278.	2.8	13
25	Phosphoglycerate Mutase Cooperates with Chk1 Kinase to Regulate Glycolysis. IScience, 2020, 23, 101306.	4.1	10
26	Characterization of genetically modified mice for phosphoglycerate mutase, a vitally-essential enzyme in glycolysis. PLoS ONE, 2021, 16, e0250856.	2.5	10
27	A High Glycolytic Flux Supports the Proliferative Potential of Murine Embryonic Stem Cells. Antioxidants and Redox Signaling, 2006, .	5.4	8
28	Senescence research from historical theory to future clinical application. Geriatrics and Gerontology International, 2021, 21, 125-130.	1.5	6
29	Targeting p21 for diabetes: Another choice of senotherapy. Cell Metabolism, 2022, 34, 5-7.	16.2	3
30	The Role of Glycolysis in Cellular Immortalization. , 2009, , 91-102.		2
31	The Safety and Clinical Validity of Endoscopic Submucosal Dissection for Early Gastric Cancer in Patients Aged More Than 85 Years. Cancers, 2022, 14, 3311.	3.7	2
32	Reply to MÃkinen and Ala-Korpela: Small-scale but accurate metabolomics with high reproducibility for identifying age-related blood metabolites. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3471-E3472.	7.1	0
33	Efficient and rapid assessment of multiple aspects of frailty using the Kyoto Frailty Scale, developed from the Edmonton Frail Scale. Journal of Physical Therapy Science, 2021, 33, 267-273.	0.6	0
34	Reply to Pan et al.: Whole blood metabolome analysis combined with comprehensive frailty assessment. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	0
35	Reply to Zheng etÂal.: Clinical metabolomics: Detailed analysis by nontargeted method is complementary to large-scale studies. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2120693119.	7.1	0