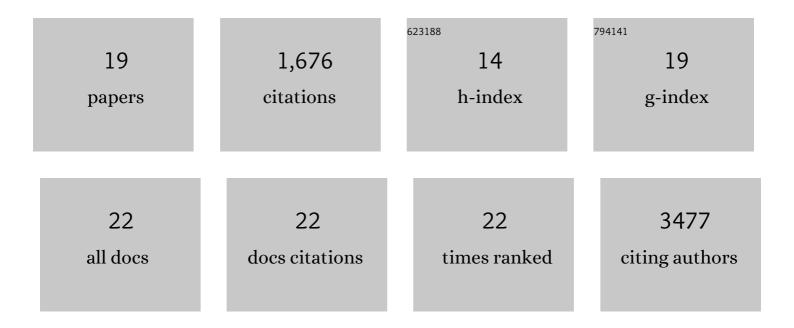
Atsushi Hoshino

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance. Nature Medicine, 2016, 22, 421-426.	15.2	421
2	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. Nature Metabolism, 2019, 1, 404-415.	5.1	209
3	Inhibition of p53 preserves Parkin-mediated mitophagy and pancreatic β-cell function in diabetes. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3116-3121.	3.3	182
4	The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. Nature, 2019, 575, 375-379.	13.7	149
5	Engineered ACE2 receptor therapy overcomes mutational escape of SARS-CoV-2. Nature Communications, 2021, 12, 3802.	5.8	101
6	The tumor suppressor FLCN mediates an alternate mTOR pathway to regulate browning of adipose tissue. Genes and Development, 2016, 30, 2551-2564.	2.7	100
7	Cardiac-Specific Bdh1 Overexpression Ameliorates Oxidative Stress and Cardiac Remodeling in Pressure Overload–Induced Heart Failure. Circulation: Heart Failure, 2017, 10, .	1.6	99
8	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. Nature Metabolism, 2019, 1, 404-415.	5.1	84
9	Oxidative Post-Translational Modifications Develop LONP1 Dysfunction in Pressure Overload Heart Failure. Circulation: Heart Failure, 2014, 7, 500-509.	1.6	56
10	D-Glutamate is metabolized in the heart mitochondria. Scientific Reports, 2017, 7, 43911.	1.6	53
11	Prevalence of Coronary Artery Disease in Japanese Patients With Cerebral Infarction Impact of Metabolic Syndrome and Intracranial Large Artery Atherosclerosis. Circulation Journal, 2008, 72, 404-408.	0.7	51
12	The Bedtime Administration Ameliorates Blood Pressure Variability and Reduces Urinary Albumin Excretion in Amlodipine-Olmesartan Combination Therapy. Clinical and Experimental Hypertension, 2010, 32, 416-422.	0.5	41
13	An engineered ACE2 decoy neutralizes the SARS-CoV-2 Omicron variant and confers protection against infection in vivo. Science Translational Medicine, 2022, 14, eabn7737.	5.8	34
14	Pyk2 aggravates hypoxia-induced pulmonary hypertension by activating HIF-1α. American Journal of Physiology - Heart and Circulatory Physiology, 2015, 308, H951-H959.	1.5	20
15	TIGAR reduces smooth muscle cell autophagy to prevent pulmonary hypertension. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 319, H1087-H1096.	1.5	13
16	Clinical Utility of Evaluating Intracranial Artery Stenosis and Silent Brain Infarction to Predict the Presence of Subclinical Coronary Artery Disease in Ischemic Stroke Patients. Internal Medicine, 2008, 47, 1775-1781.	0.3	10
17	A case of Takayasu's arteritis and aortic regurgitation, which presented much difficulty in the diagnosing process because of complicated osteomyelitis and non-typical manifestations. Journal of Cardiology, 2009, 54, 148-152.	0.8	9
18	Orotic acid protects pancreatic Î ² cell by p53 inactivation in diabetic mouse model. Biochemical and Biophysical Research Communications, 2021, 585, 191-195.	1.0	5

#	Article	IF	CITATIONS
19	Observation of Parkin-Mediated Mitophagy in Pancreatic β-Cells. Methods in Molecular Biology, 2017, 1759, 41-46.	0.4	0