

Atsushi Hoshino

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,676
citations

623188

14
h-index

794141

19
g-index

22
all docs

22
docs citations

22
times ranked

3477
citing authors

#	ARTICLE	IF	CITATIONS
1	An engineered ACE2 decoy neutralizes the SARS-CoV-2 Omicron variant and confers protection against infection in vivo. <i>Science Translational Medicine</i> , 2022, 14, eabn7737.	5.8	34
2	Engineered ACE2 receptor therapy overcomes mutational escape of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 3802.	5.8	101
3	Orotic acid protects pancreatic β cell by p53 inactivation in diabetic mouse model. <i>Biochemical and Biophysical Research Communications</i> , 2021, 585, 191-195.	1.0	5
4	TIGAR reduces smooth muscle cell autophagy to prevent pulmonary hypertension. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 319, H1087-H1096.	1.5	13
5	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	5.1	209
6	The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. <i>Nature</i> , 2019, 575, 375-379.	13.7	149
7	NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415.	5.1	84
8	Observation of Parkin-Mediated Mitophagy in Pancreatic β -Cells. <i>Methods in Molecular Biology</i> , 2017, 1759, 41-46.	0.4	0
9	D-Glutamate is metabolized in the heart mitochondria. <i>Scientific Reports</i> , 2017, 7, 43911.	1.6	53
10	Cardiac-Specific Bdh1 Overexpression Ameliorates Oxidative Stress and Cardiac Remodeling in Pressure Overload-Induced Heart Failure. <i>Circulation: Heart Failure</i> , 2017, 10, .	1.6	99
11	The tumor suppressor FLCN mediates an alternate mTOR pathway to regulate browning of adipose tissue. <i>Genes and Development</i> , 2016, 30, 2551-2564.	2.7	100
12	A branched-chain amino acid metabolite drives vascular fatty acid transport and causes insulin resistance. <i>Nature Medicine</i> , 2016, 22, 421-426.	15.2	421
13	Pyk2 aggravates hypoxia-induced pulmonary hypertension by activating HIF-1 α . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H951-H959.	1.5	20
14	Oxidative Post-Translational Modifications Develop LONP1 Dysfunction in Pressure Overload Heart Failure. <i>Circulation: Heart Failure</i> , 2014, 7, 500-509.	1.6	56
15	Inhibition of p53 preserves Parkin-mediated mitophagy and pancreatic β -cell function in diabetes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3116-3121.	3.3	182
16	The Bedtime Administration Ameliorates Blood Pressure Variability and Reduces Urinary Albumin Excretion in Amlodipine-Olmesartan Combination Therapy. <i>Clinical and Experimental Hypertension</i> , 2010, 32, 416-422.	0.5	41
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. <i>Journal of Cardiology</i> , 2009, 54, 148-152.	0.8	9
18	Clinical Utility of Evaluating Intracranial Artery Stenosis and Silent Brain Infarction to Predict the Presence of Subclinical Coronary Artery Disease in Ischemic Stroke Patients. <i>Internal Medicine</i> , 2008, 47, 1775-1781.	0.3	10

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19	Prevalence of Coronary Artery Disease in Japanese Patients With Cerebral Infarction Impact of Metabolic Syndrome and Intracranial Large Artery Atherosclerosis. <i>Circulation Journal</i> , 2008, 72, 404-408.	0.7	51