

Atsushi Hoshino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9597981/publications.pdf>

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 | 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 |
| 2 | NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415. | 5.1 | 209 |
| 3 | 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 |
| 4 | The ADP/ATP translocase drives mitophagy independent of nucleotide exchange. <i>Nature</i> , 2019, 575, 375-379. | 13.7 | 149 |
| 5 | Engineered ACE2 receptor therapy overcomes mutational escape of SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 3802. | 5.8 | 101 |
| 6 | 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 |
| 7 | 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 |
| 8 | NADPH production by the oxidative pentose-phosphate pathway supports folate metabolism. <i>Nature Metabolism</i> , 2019, 1, 404-415. | 5.1 | 84 |
| 9 | Oxidative Post-Translational Modifications Develop LONP1 Dysfunction in Pressure Overload Heart Failure. <i>Circulation: Heart Failure</i> , 2014, 7, 500-509. | 1.6 | 56 |
| 10 | D-Glutamate is metabolized in the heart mitochondria. <i>Scientific Reports</i> , 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. <i>Circulation Journal</i> , 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. <i>Clinical and Experimental Hypertension</i> , 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. <i>Science Translational Medicine</i> , 2022, 14, eabn7737. | 5.8 | 34 |
| 14 | 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 |
| 15 | 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 |
| 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. <i>Internal Medicine</i> , 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. <i>Journal of Cardiology</i> , 2009, 54, 148-152. | 0.8 | 9 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Observation of Parkin-Mediated Mitophagy in Pancreatic $\hat{1}^2$ -Cells. Methods in Molecular Biology, 2017, 1759, 41-46. | 0.4 | 0 |