

Hirofumi Misu

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,840
citations

430843

18
h-index

552766

26
g-index

27
all docs

27
docs citations

27
times ranked

2469
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Plasma half-life and tissue distribution of leukocyte cell-derived chemotaxin 2 in mice. <i>Scientific Reports</i> , 2020, 10, 13260. | 3.3 | 3 |
| 2 | Identification of hepatokines involved in pathology of type 2 diabetes and obesity. <i>Endocrine Journal</i> , 2019, 66, 659-662. | 1.6 | 22 |
| 3 | Circulating Concentrations of Insulin Resistance-Associated Hepatokines, Selenoprotein P and Leukocyte Cell-Derived Chemotaxin 2, during an Oral Glucose Tolerance Test in Humans. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 373-378. | 1.4 | 6 |
| 4 | The influence of adiposity and acute exercise on circulating hepatokines in normal-weight and overweight/obese men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 482-490. | 1.9 | 49 |
| 5 | Serum selenoprotein P, but not selenium, predicts future hyperglycemia in a general Japanese population. <i>Scientific Reports</i> , 2018, 8, 16727. | 3.3 | 44 |
| 6 | Endogenous Selenoprotein P, a Liver-Derived Secretory Protein, Mediates Myocardial Ischemia/Reperfusion Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2018, 19, 878. | 4.1 | 25 |
| 7 | Comparison of Human Selenoprotein P Determinants in Serum between Our Original Methods and Commercially Available Kits. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 828-832. | 1.4 | 24 |
| 8 | Pathophysiological significance of hepatokine overproduction in type 2 diabetes. <i>Diabetology International</i> , 2018, 9, 224-233. | 1.4 | 13 |
| 9 | Inhibin Î²E (INHBE) is a possible insulin resistance-associated hepatokine identified by comprehensive gene expression analysis in human liver biopsy samples. <i>PLoS ONE</i> , 2018, 13, e0194798. | 2.5 | 33 |
| 10 | Deficiency of the hepatokine selenoprotein P increases responsiveness to exercise in mice through upregulation of reactive oxygen species and AMP-activated protein kinase in muscle. <i>Nature Medicine</i> , 2017, 23, 508-516. | 30.7 | 127 |
| 11 | Selenoprotein P-neutralizing antibodies improve insulin secretion and glucose sensitivity in type 2 diabetes mouse models. <i>Nature Communications</i> , 2017, 8, 1658. | 12.8 | 114 |
| 12 | Rapid response of the steatosis-sensing hepatokine LECT2 during diet-induced weight cycling in mice. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1310-1316. | 2.1 | 31 |
| 13 | Development of a Sol Particle Homogeneous Immunoassay for Measuring Full-length Selenoprotein P in Human Serum. <i>Journal of Clinical Laboratory Analysis</i> , 2016, 30, 114-122. | 2.1 | 23 |
| 14 | Ectopic Fat Accumulation in the Liver and Glucose Homeostasis. , 2016, , 185-199. | | 0 |
| 15 | Physiological roles of peroxido-vanadium complexes: Leitmotif as their signal transduction pathway. <i>Journal of Inorganic Biochemistry</i> , 2015, 147, 93-98. | 3.5 | 13 |
| 16 | LECT2 Functions as a Hepatokine That Links Obesity to Skeletal Muscle Insulin Resistance. <i>Diabetes</i> , 2014, 63, 1649-1664. | 0.6 | 123 |
| 17 | Metformin Suppresses Expression of the Selenoprotein P Gene via an AMP-activated Kinase (AMPK)/FoxO3a Pathway in H4IIEC3 Hepatocytes. <i>Journal of Biological Chemistry</i> , 2014, 289, 335-345. | 3.4 | 69 |
| 18 | Selenoprotein P as a diabetes-associated hepatokine that impairs angiogenesis by inducing VEGF resistance in vascular endothelial cells. <i>Diabetologia</i> , 2014, 57, 1968-1976. | 6.3 | 55 |

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|----|--|------|-----------|
| 19 | Cytotoxicity and enhancement of the insulin signaling pathway induced by peroxidovanadium(V) complexes. <i>Inorganica Chimica Acta</i> , 2014, 420, 53-59. | 2.4 | 5 |
| 20 | Regulation of the physiological effects of peroxidovanadium(V) complexes by the electronic nature of ligands. <i>Journal of Inorganic Biochemistry</i> , 2013, 121, 66-76. | 3.5 | 16 |
| 21 | Fatty liver as a consequence and cause of insulin resistance: Lessons from type 2 diabetic liver. <i>Endocrine Journal</i> , 2012, 59, 745-763. | 1.6 | 78 |
| 22 | Inverse Correlation between Serum Levels of Selenoprotein P and Adiponectin in Patients with Type 2 Diabetes. <i>PLoS ONE</i> , 2012, 7, e34952. | 2.5 | 93 |
| 23 | Concentration-dependent Dual Effects of Hydrogen Peroxide on Insulin Signal Transduction in H4IIEC Hepatocytes. <i>PLoS ONE</i> , 2011, 6, e27401. | 2.5 | 90 |
| 24 | A Liver-Derived Secretory Protein, Selenoprotein P, Causes Insulin Resistance. <i>Cell Metabolism</i> , 2010, 12, 483-495. | 16.2 | 469 |
| 25 | Obesity Upregulates Genes Involved in Oxidative Phosphorylation in Livers of Diabetic Patients. <i>Obesity</i> , 2008, 16, 2601-2609. | 3.0 | 81 |
| 26 | SAGE Application in the Study of Diabetes. <i>Current Pharmaceutical Biotechnology</i> , 2008, 9, 392-399. | 1.6 | 12 |
| 27 | Insulin Resistance Accelerates a Dietary Rat Model of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2007, 132, 282-293. | 1.3 | 222 |