

Hiroaki Takayama

List of Publications by Year in descending order

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11
papers

1,436
citations

840776

11
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

2435
citing authors

#	ARTICLE	IF	CITATIONS
1	A Liver-Derived Secretory Protein, Selenoprotein P, Causes Insulin Resistance. <i>Cell Metabolism</i> , 2010, 12, 483-495.	16.2	469
2	Palmitate Induces Insulin Resistance in H4IIEC3 Hepatocytes through Reactive Oxygen Species Produced by Mitochondria. <i>Journal of Biological Chemistry</i> , 2009, 284, 14809-14818.	3.4	351
3	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
4	LECT2 Functions as a Hepatokine That Links Obesity to Skeletal Muscle Insulin Resistance. <i>Diabetes</i> , 2014, 63, 1649-1664.	0.6	123
5	Proteasome Dysfunction Mediates Obesity-Induced Endoplasmic Reticulum Stress and Insulin Resistance in the Liver. <i>Diabetes</i> , 2013, 62, 811-824.	0.6	105
6	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
7	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
8	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
9	Eicosapentaenoic acid down-regulates expression of the selenoprotein P gene by inhibiting SREBP-1c protein independently of the AMP-activated protein kinase pathway in H4IIEC3 hepatocytes. <i>Journal of Biological Chemistry</i> , 2017, 292, 10791-10800.	3.4	33
10	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
11	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