

Tsu-Shuen Tsao

List of Publications by Year in descending order

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32
papers

4,339
citations

411340
20
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536525
29
g-index

32
all docs

32
docs citations

32
times ranked

5322
citing authors

#	ARTICLE	IF	CITATIONS
1	Oestrogen receptors interact with the Î±-catalytic subunit of AMP-activated protein kinase. <i>Bioscience Reports</i> , 2015, 35, .	1.1	36
2	Oligonucleotide PIK3CA/Chromosome 3 Dual in-Situ Hybridization Automated Assay with Improved Signals, One-Hour Hybridization, and No Use of Blocking DNA. <i>Journal of Molecular Diagnostics</i> , 2015, 17, 496-504.	1.2	0
3	Assembly of adiponectin oligomers. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2014, 15, 125-136.	2.6	27
4	High-resolution identification of human adiponectin oligomers and regulation by pioglitazone in type 2 diabetic patients. <i>Analytical Biochemistry</i> , 2013, 437, 150-160.	1.1	8
5	Increased Redox-Sensitive Green Fluorescent Protein Reduction Potential in the Endoplasmic Reticulum following Glutathione-Mediated Dimerization. <i>Biochemistry</i> , 2013, 52, 3332-3345.	1.2	11
6	Extracellular conversion of adiponectin hexamers into trimers. <i>Bioscience Reports</i> , 2012, 32, 641-652.	1.1	9
7	Mitigation of isolation-associated adipocyte interleukin-6 secretion following rapid dissociation of adipose tissue. <i>Journal of Lipid Research</i> , 2012, 53, 2797-2805.	2.0	7
8	Zinc enhances adiponectin oligomerization to octadecamers but decreases the rate of disulfide bond formation. <i>BioMetals</i> , 2012, 25, 469-486.	1.8	18
9	Role of redox environment on the oligomerization of higher molecular weight adiponectin. <i>BMC Biochemistry</i> , 2011, 12, 24.	4.4	23
10	Role of Glutathione S-Transferase Activity in Endoplasmic Reticulum Chaperone DsbA in the Assembly of Adipocyte Homrone Adiponectin. <i>FASEB Journal</i> , 2011, 25, 919.2.	0.2	0
11	Hypermetabolism, Hyperphagia, and Reduced Adiposity in Tankyrase-Deficient Mice. <i>Diabetes</i> , 2009, 58, 2476-2485.	0.3	67
12	Disulfide-Dependent Self-Assembly of Adiponectin Octadecamers from Trimers and Presence of Stable Octadecameric Adiponectin Lacking Disulfide Bonds <i>in Vitro</i> . <i>Biochemistry</i> , 2009, 48, 12345-12357.	1.2	34
13	The Cardioprotective Effects of Adiponectin in the ZDF Heart Following Ischemia Are Associated with a Significant Attenuation of Myocardial ICAM-1 Expression. <i>FASEB Journal</i> , 2009, 23, 594.6.	0.2	0
14	Hepatic response to restoration of GLUT4 in skeletal muscle of GLUT4 null mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1178-E1187.	1.8	19
15	The oligomeric structure of high molecular weight adiponectin. <i>FEBS Letters</i> , 2007, 581, 809-814.	1.3	72
16	Thiazolidinediones can rapidly activate AMP-activated protein kinase in mammalian tissues. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E175-E181.	1.8	247
17	T-cadherin is a receptor for hexameric and high-molecular-weight forms of Acrp30/adiponectin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 10308-10313.	3.3	752
18	Metabolic and hormonal interactions between muscle and adipose tissue. <i>Proceedings of the Nutrition Society</i> , 2004, 63, 381-385.	0.4	56

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19	A family of Acrp30/adiponectin structural and functional paralogs. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10302-10307.	3.3	359
20	Functional cloning of TUG as a regulator of GLUT4 glucose transporter trafficking. Nature, 2003, 425, 727-733.	13.7	163
21	Role of Disulfide Bonds in Acrp30/Adiponectin Structure and Signaling Specificity. Journal of Biological Chemistry, 2003, 278, 50810-50817.	1.6	423
22	Enhanced muscle fat oxidation and glucose transport by ACRP30 globular domain: Acetyl-CoA carboxylase inhibition and AMP-activated protein kinase activation. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 16309-16313.	3.3	893
23	Oligomerization State-dependent Activation of NF- κ B Signaling Pathway by Adipocyte Complement-related Protein of 30 kDa (Acrp30). Journal of Biological Chemistry, 2002, 277, 29359-29362.	1.6	331
24	ACRP30, a new hormone controlling fat and glucose metabolism. European Journal of Pharmacology, 2002, 440, 213-221.	1.7	231
25	Metabolic adaptations in skeletal muscle overexpressing GLUT4: effects on muscle and physical activity. FASEB Journal, 2001, 15, 958-969.	0.2	19
26	Metabolic adaptations in skeletal muscle overexpressing GLUT4: effects on muscle and physical activity. FASEB Journal, 2001, 15, 958-969.	0.2	85
27	Amelioration of insulin resistance but not hyperinsulinemia in obese mice overexpressing GLUT4 selectively in skeletal muscle. Metabolism: Clinical and Experimental, 2000, 49, 340-346.	1.5	14
28	In vitro analysis of the glucose-transport system in GLUT4-null skeletal muscle. Biochemical Journal, 1999, 342, 321-328.	1.7	43
29	In vitro analysis of the glucose-transport system in GLUT4-null skeletal muscle. Biochemical Journal, 1999, 342, 321.	1.7	10
30	Restoration of Hypoxia-stimulated Glucose Uptake in GLUT4-deficient Muscles by Muscle-specific GLUT4 Transgenic Complementation. Journal of Biological Chemistry, 1998, 273, 20910-20915.	1.6	33
31	GLUT4 heterozygous knockout mice develop muscle insulin resistance and diabetes. Nature Medicine, 1997, 3, 1096-1101.	15.2	326
32	Regulation of Hexokinase II Gene Expression by Glucose Flux in Skeletal Muscle. Journal of Biological Chemistry, 1996, 271, 14959-14963.	1.6	23