Hoo, Rlc

List of Publications by Year
in descending order

27 papers	3,120 citations	304743 22 h-index	526287 27 g-index
27 all docs	27 docs citations	27 times ranked	4970 citing authors

#	Article	IF	Citations
1	Lipocalin-2 Is an Inflammatory Marker Closely Associated with Obesity, Insulin Resistance, and Hyperglycemia in Humans. Clinical Chemistry, 2007, 53, 34-41.	3.2	474
2	Testosterone Selectively Reduces the High Molecular Weight Form of Adiponectin by Inhibiting Its Secretion from Adipocytes. Journal of Biological Chemistry, 2005, 280, 18073-18080.	3.4	357
3	Angiopoietin-like protein 4 decreases blood glucose and improves glucose tolerance but induces hyperlipidemia and hepatic steatosis in mice. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 6086-6091.	7.1	290
4	Adipocyte-secreted exosomal microRNA-34a inhibits M2 macrophage polarization to promote obesity-induced adipose inflammation. Journal of Clinical Investigation, 2019, 129, 834-849.	8.2	282
5	Adiponectin Modulates the Glycogen Synthase Kinase-3Î²/Î²-Catenin Signaling Pathway and Attenuates Mammary Tumorigenesis of MDA-MB-231 Cells in Nude Mice. Cancer Research, 2006, 66, 11462-11470.	0.9	262
6	Physical exercise-induced hippocampal neurogenesis and antidepressant effects are mediated by the adipocyte hormone adiponectin. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15810-15815.	7.1	238
7	Post-translational Modifications of the Four Conserved Lysine Residues within the Collagenous Domain of Adiponectin Are Required for the Formation of Its High Molecular Weight Oligomeric Complex. Journal of Biological Chemistry, 2006, 281, 16391-16400.	3.4	222
8	Hypoxia dysregulates the production of adiponectin and plasminogen activator inhibitor-1 independent of reactive oxygen species in adipocytes. Biochemical and Biophysical Research Communications, 2006, 341, 549-556.	2.1	203
9	Selective Elevation of Adiponectin Production by the Natural Compounds Derived from a Medicinal Herb Alleviates Insulin Resistance and Glucose Intolerance in Obese Mice. Endocrinology, 2009, 150, 625-633.	2.8	86
10	A-FABP mediates adaptive thermogenesis by promoting intracellular activation of thyroid hormones in brown adipocytes. Nature Communications, 2017, 8, 14147.	12.8	77
11	Mitochondrial dysfunction contributes to the increased vulnerabilities of adiponectin knockout mice to liver injury. Hepatology, 2008, 48, 1087-1096.	7.3	75
12	CRAF Methylation by PRMT6 Regulates Aerobic Glycolysisâ€“Driven Hepatocarcinogenesis via ERKâ€Dependent PKM2 Nuclear Relocalization and Activation. Hepatology, 2020, 71, 1279-1296.	7.3	71
13	Pharmacological inhibition of adipocyte fatty acid binding protein alleviates both acute liver injury and non-alcoholic steatohepatitis in mice. Journal of Hepatology, 2013, 58, 358-364.	3.7	65
14	Adipocyte fatty acid-binding protein exacerbates cerebral ischaemia injury by disrupting the bloodâ€“brain barrier. European Heart Journal, 2020, 41, 3169-3180.	2.2	54
15	The MDM2â€“p53â€“pyruvate carboxylase signalling axis couples mitochondrial metabolism to glucose-stimulated insulin secretion in pancreatic Î²-cells. Nature Communications, 2016, 7, 11740.	12.8	47
16	Deficiency of adipocyte fatty-acid-binding protein alleviates myocardial ischaemia/reperfusion injury and diabetes-induced cardiac dysfunction. Clinical Science, 2015, 129, 547-559.	4.3	42
17	Identification and Characterization of a Glucagon Receptor from the Goldfish Carassius auratus: Implications for the Evolution of the Ligand Specificity of Glucagon Receptors in Vertebrates. Endocrinology, 2004, 145, 3273-3288.	2.8	40
18	Oct-1 Is Involved in the Transcriptional Repression of the Gonadotropin-Releasing Hormone Receptor Gene. Endocrinology, 2002, 143, 4693-4701.	2.8	37

#	Article	IF	Citations
19	Adipocyte Fatty Acid Binding Protein Promotes the Onset and Progression of Liver Fibrosis via Mediating the Crosstalk between Liver Sinusoidal Endothelial Cells and Hepatic Stellate Cells. Advanced Science, 2021, 8, e2003721.	11.2	35
20	The APPL1-Rab5 axis restricts NLRP3 inflammasome activation through early endosomal-dependent mitophagy in macrophages. Nature Communications, 2021, 12, 6637.	12.8	35
21	Adiponectin Mediates the Suppressive Effect of Rosiglitazone on Plasminogen Activator Inhibitor-1 Production. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 2777-2782.	2.4	32
22	Adipocyte Fatty Acid Binding Protein Potentiates Toxic Lipids-Induced Endoplasmic Reticulum Stress in Macrophages via Inhibition of Janus Kinase 2-dependent Autophagy. Scientific Reports, 2017, 7, 40657.	3.3	26
23	Adipose-specific inactivation of JNK alleviates atherosclerosis in apoE-deficient mice. Clinical Science, 2016, 130, 2087-2100.	4.3	21
24	Functional Cooperation between Multiple Regulatory Elements in the Untranslated Exon 1 Stimulates the Basal Transcription of the Human GnRH-II Gene. Molecular Endocrinology, 2003, 17, 1175-1191.	3.7	20
25	Metabolomic profiling in liver of adiponectin-knockout mice uncovers lysophospholipid metabolism as an important target of adiponectin action. Biochemical Journal, 2015, 469, 71-82.	3.7	20
26	Two Inr Elements Are Important for Mediating the Activity of the Proximal Promoter of the Human Gonadotropin-Releasing Hormone Receptor Gene. Endocrinology, 2003, 144, 518-527.	2.8	5
27	Functional identification of an intronic promoter of the human glucose-dependent insulinotropic polypeptide gene. Gene, 2010, 463, 29-40.	2.2	4