Guadalupe Sabio

List of Publications by Year
in descending order

70 papers	5,168 citations	126858 33 h-index	98753 67 g-index
73 all docs	73 docs citations	73 times ranked	8255 citing authors

#	Article	IF	Citations
1	TNF and MAP kinase signalling pathways. Seminars in Immunology, 2014, 26, 237-245.	2.7	507
2	A Stress Signaling Pathway in Adipose Tissue Regulates Hepatic Insulin Resistance. Science, 2008, 322, 1539-1543.	6.0	506
3	Phosphorylation by p38 MAPK as an Alternative Pathway for GSK3Î² Inactivation. Science, 2008, 320, 667-670.	6.0	414
4	BIRB796 Inhibits All p38 MAPK Isoforms in Vitro and in Vivo. Journal of Biological Chemistry, 2005, 280, 19472-19479.	1.6	265
5	p38Î³ regulates the localisation of SAP97 in the cytoskeleton by modulating its interaction with GKAP. EMBO Journal, 2005, 24, 1134-1145.	3.5	221
6	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell Metabolism, 2017, 26, 212-229.e12.	7.2	167
7	Crystal structure of human arginase I at 1.29-A resolution and exploration of inhibition in the immune response. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13058-13063.	3.3	164
8	The PPARÎ±-FGF21 Hormone Axis Contributes to Metabolic Regulation by the Hepatic JNK Signaling Pathway. Cell Metabolism, 2014, 20, 512-525.	7.2	149
9	Activation of p38 MAPK in CD4 T cells controls IL-17 production and autoimmune encephalomyelitis. Blood, 2011, 118, 3290-3300.	0.6	141
10	cJun NH2-terminal kinase 1 (JNK1): roles in metabolic regulation of insulin resistance. Trends in Biochemical Sciences, 2010, 35, 490-496.	3.7	138
11	Induction of Hepatitis by JNK-Mediated Expression of TNF-Î±. Cell, 2009, 136, 249-260.	13.5	134
12	Role of Muscle c-Jun NH₂-Terminal Kinase 1 in Obesity-Induced Insulin Resistance. Molecular and Cellular Biology, 2010, 30, 106-115.	1.1	132
13	Prevention of Steatosis by Hepatic JNK1. Cell Metabolism, 2009, 10, 491-498.	7.2	130
14	Differential activation of p38MAPK isoforms by MKK6 and MKK3. Cellular Signalling, 2010, 22, 660-667.	1.7	130
15	Nuclear Localization of p38 MAPK in Response to DNA Damage. International Journal of Biological Sciences, 2009, 5, 428-437.	2.6	119
16	Role of the hypothalamicâ€"pituitaryâ€"thyroid axis in metabolic regulation by JNK1. Genes and Development, 2010, 24, 256-264.	2.7	103
17	Lithium blocks the PKB and GSK3 dephosphorylation induced by ceramide through protein phosphatase-2A. Cellular Signalling, 2002, 14, 557-562.	1.7	94
18	Requirement of c-Jun NH₂-Terminal Kinase for Ras-Initiated Tumor Formation. Molecular and Cellular Biology, 2011, 31, 1565-1576.	1.1	93

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19	Stress- and mitogen-induced phosphorylation of the synapse-associated protein SAP90/PSD-95 by activation of SAPK3/p38gamma and ERK1/ERK2. Biochemical Journal, 2004, 380, 19-30.	1.7	92
20	Eukaryotic elongation factor 2 controls TNF-Î± translation in LPS-induced hepatitis. Journal of Clinical Investigation, 2013, 123, 164-178.	3.9	90
21	Lithium inhibits caspase 3 activation and dephosphorylation of PKB and GSK3 induced by K+ deprivation in cerebellar granule cells. Journal of Neurochemistry, 2001, 78, 199-206.	2.1	87
22	Central Melanin-Concentrating Hormone Influences Liver and Adipose Metabolism Via Specific Hypothalamic Nuclei and Efferent Autonomic/JNK1 Pathways. Gastroenterology, 2013, 144, 636-649.e6.	0.6	79
23	p38 MAPK Pathway in the Heart: New Insights in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 7412.	1.8	73
24	p38Î³ is essential for cell cycle progression and liver tumorigenesis. Nature, 2019, 568, 557-560.	13.7	72
25	p38Î³ and Î´ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. Nature Communications, 2016, 7, 10477.	5.8	68
26	Stress kinases in the modulation of metabolism and energy balance. Journal of Molecular Endocrinology, 2015, 55, R11-R22.	1.1	64
27	Adiponectin accounts for gender differences in hepatocellular carcinoma incidence. Journal of Experimental Medicine, 2019, 216, 1108-1119.	4.2	63
28	p38Î³ and p38Î´ reprogram liver metabolism by modulating neutrophil infiltration. EMBO Journal, 2016, 35, 536-552.	3.5	61
29	MKK6 controls T3-mediated browning of white adipose tissue. Nature Communications, 2017, 8, 856.	5.8	54
30	The role of stress kinases in metabolic disease. Nature Reviews Endocrinology, 2020, 16, 697-716.	4.3	46
31	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	5.8	45
32	JNK-mediated disruption of bile acid homeostasis promotes intrahepatic cholangiocarcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 16492-16499.	3.3	43
33	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. Nature Communications, 2018, 9, 3432.	5.8	41
34	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	5.8	36
35	Cell identity and nucleo-mitochondrial genetic context modulate OXPHOS performance and determine somatic heteroplasmy dynamics. Science Advances, 2020, 6, eaba5345.	4.7	31
36	p38Î±Âblocks brown adipose tissue thermogenesis through p38Î´Âinhibition. PLoS Biology, 2018, 16, e2004455.	2.6	30

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37	Specific calcineurin targeting in macrophages confers resistance to inflammation via MKPâ€1 and p38. EMBO Journal, 2014, 33, 1117-1133.	3.5	29
38	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. Molecular Metabolism, 2018, 8, 132-143.	3.0	28
39	Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. ELife, 2020, 9, .	2.8	26
40	Mechanisms of MPP + incorporation into cerebellar granule cells. Brain Research Bulletin, 2001, 56, 119-123.	1.4	25
41	Different dependence of lithium and valproate on PI3K/PKB pathway. Bipolar Disorders, 2002, 4, 195-200.	1.1	25
42	Translational Control of NKT Cell Cytokine Production by p38 MAPK. Journal of Immunology, 2011, 186, 4140-4146.	0.4	25
43	Uncovering the Role of p38 Family Members in Adipose Tissue Physiology. Frontiers in Endocrinology, 2020, 11, 572089.	1.5	25
44	Stress kinases in the development of liver steatosis and hepatocellular carcinoma. Molecular Metabolism, 2021, 50, 101190.	3.0	25
45	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	3.6	25
46	Protein kinase D1 deletion in adipocytes enhances energy dissipation and protects against adiposity. EMBO Journal, 2018, 37, .	3.5	23
47	Circadian Clock and Liver Cancer. Cancers, 2021, 13, 3631.	1.7	22
48	Methionine adenosyltransferase 1a antisense oligonucleotides activate the liver-brown adipose tissue axis preventing obesity and associated hepatosteatosis. Nature Communications, 2022, 13, 1096.	5.8	22
49	p38Î³ regulates interaction of nuclear PSF and RNA with the tumour-suppressor hDlg in response to osmotic shock. Journal of Cell Science, 2010, 123, 2596-2604.	1.2	21
50	Brain JNK and metabolic disease. Diabetologia, 2021, 64, 265-274.	2.9	21
51	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. Journal of Hepatology, 2021, 75, 34-45.	1.8	21
52	Anti-CD69 therapy induces rapid mobilization and high proliferation of HSPCs through S1P and mTOR. Leukemia, 2018, 32, 1445-1457.	3.3	19
53	Glu-256 is a main structural determinant for oligomerisation of human arginase I. FEBS Letters, 2001, 501, 161-165.	1.3	18
54	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. Journal of Hepatology, 2022, 76, 11-24.	1.8	16

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55	Limited survival and impaired hepatic fasting metabolism in mice with constitutive Rag GTPase signaling. Nature Communications, 2021, 12, 3660.	5.8	13
56	CD69 Targeting Enhances Anti-vaccinia Virus Immunity. Journal of Virology, 2019, 93, .	1.5	8
57	p38Î³ and p38Î´ regulate postnatal cardiac metabolism through glycogen synthase 1. PLoS Biology, 2021, 19, e3001447.	2.6	8
58	Proteolysis of the tumour suppressor hDlg in response to osmotic stress is mediated by caspases and independent of phosphorylation. FEBS Journal, 2009, 276, 387-400.	2.2	7
59	p107 Deficiency Increases Energy Expenditure by Inducing Brownâ€Fat Thermogenesis and Browning of White Adipose Tissue. Molecular Nutrition and Food Research, 2019, 63, e1801096.	1.5	7
60	p38 MAPK priming boosts VSMC proliferation and arteriogenesis by promoting PGC1Î±-dependent mitochondrial dynamics. Scientific Reports, 2022, 12, 5938.	1.6	7
61	Hypothyroidism confers tolerance to cerebral malaria. Science Advances, 2022, 8, eabj7110.	4.7	5
62	Metabolic-associated fatty liver disease: From simple steatosis toward liver cirrhosis and potential complications. Proceedings of the Third Translational Hepatology Meeting, organized by the Spanish Association for the Study of the Liver (AEEH). GastroenterologÃa Y HepatologÃa, 2022, 45, 724-734.	0.2	3
63	Myeloid p38 activation maintains macrophageâ€“liver crosstalk and BAT thermogenesis through ILâ€12â€“FGF21 axis. Hepatology, 2023, 77, 874-887.	3.6	3
64	Alternative p38 MAPK Pathways. , 2007, , 17-32.		2
65	Eukaryotic elongation factor 2 controls TNF-Î± translation in LPS-induced hepatitis. Journal of Clinical Investigation, 2014, 124, 1869-1869.	3.9	2
66	Protocol for the assessment of mTOR activity in mouse primary hepatocytes. STAR Protocols, 2021, 2, 100918.	0.5	2
67	Neuroprotective Effects of Lithium - Pointing out Protein Phosphatases as Drug Targets?. Current Medicinal Chemistry - Central Nervous System Agents, 2003, 3, 335-339.	0.6	1
68	Title: p38Î´ Regulates IL6 Expression Modulating ERK Phosphorylation in Preadipocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 708844.	1.8	1
69	Targeting ERK3/MK5 complex for treatment of obesity and diabetes. Biochemical and Biophysical Research Communications, 2022, 612, 119-125.	1.0	1
70	Stress-activated kinases signaling pathways in cancer development. Current Opinion in Physiology, 2021, 19, 22-31.	0.9	0