Guadalupe Sabio

List of Publications by Year
in descending order

70	5,168	126858	98753
papers	citations	33 h-index	67 g-index

73	73	73	8255
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Myeloid p38 activation maintains macrophageâ€“liver crosstalk and BAT thermogenesis through ILâ€12â€“FGF21 axis. Hepatology, 2023, 77, 874-887.	3.6	3
2	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	3.6	25
3	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. Journal of Hepatology, 2022, 76, 11-24.	1.8	16
4	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
5	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
6	Hypothyroidism confers tolerance to cerebral malaria. Science Advances, 2022, 8, eabj7110.	4.7	5
7	p38 MAPK priming boosts VSMC proliferation and arteriogenesis by promoting PGC1Î±-dependent mitochondrial dynamics. Scientific Reports, 2022, 12, 5938.	1.6	7
8	Targeting ERK3/MK5 complex for treatment of obesity and diabetes. Biochemical and Biophysical Research Communications, 2022, 612, 119-125.	1.0	1
9	Stress-activated kinases signaling pathways in cancer development. Current Opinion in Physiology, 2021, 19, 22-31.	0.9	0
10	Brain JNK and metabolic disease. Diabetologia, 2021, 64, 265-274.	2.9	21
11	Limited survival and impaired hepatic fasting metabolism in mice with constitutive Rag GTPase signaling. Nature Communications, 2021, 12, 3660.	5.8	13
12	Circadian Clock and Liver Cancer. Cancers, 2021, 13, 3631.	1.7	22
13	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. Journal of Hepatology, 2021, 75, 34-45.	1.8	21
14	Stress kinases in the development of liver steatosis and hepatocellular carcinoma. Molecular Metabolism, 2021, 50, 101190.	3.0	25
15	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	5.8	36
16	Protocol for the assessment of mTOR activity in mouse primary hepatocytes. STAR Protocols, 2021, 2, 100918.	0.5	2
17	p38Î³ and p38Î´ regulate postnatal cardiac metabolism through glycogen synthase 1. PLoS Biology, 2021, 19, e3001447.	2.6	8
18	Title: p38Î´ Regulates IL6 Expression Modulating ERK Phosphorylation in Preadipocytes. Frontiers in Cell and Developmental Biology, 2021, 9, 708844.	1.8	1

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19	The role of stress kinases in metabolic disease. Nature Reviews Endocrinology, 2020, 16, 697-716.	4.3	46
20	Cell identity and nucleo-mitochondrial genetic context modulate OXPHOS performance and determine somatic heteroplasmy dynamics. Science Advances, 2020, 6, eaba5345.	4.7	31
21	Uncovering the Role of p38 Family Members in Adipose Tissue Physiology. Frontiers in Endocrinology, 2020, 11, 572089.	1.5	25
22	p38 MAPK Pathway in the Heart: New Insights in Health and Disease. International Journal of Molecular Sciences, 2020, 21, 7412.	1.8	73
23	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
24	Neutrophil infiltration regulates clock-gene expression to organize daily hepatic metabolism. ELife, 2020, 9, .	2.8	26
25	CD69 Targeting Enhances Anti-vaccinia Virus Immunity. Journal of Virology, 2019, 93, .	1.5	8
26	p38Î³ is essential for cell cycle progression and liver tumorigenesis. Nature, 2019, 568, 557-560.	13.7	72
27	Adiponectin accounts for gender differences in hepatocellular carcinoma incidence. Journal of Experimental Medicine, 2019, 216, 1108-1119.	4.2	63
28	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
29	Anti-CD69 therapy induces rapid mobilization and high proliferation of HSPCs through S1P and mTOR. Leukemia, 2018, 32, 1445-1457.	3.3	19
30	Pharmacological stimulation of p53 with low-dose doxorubicin ameliorates diet-induced nonalcoholic steatosis and steatohepatitis. Molecular Metabolism, 2018, 8, 132-143.	3.0	28
31	Protein kinase D1 deletion in adipocytes enhances energy dissipation and protects against adiposity. EMBO Journal, 2018, 37, .	3.5	23
32	p38Î±Âblocks brown adipose tissue thermogenesis through p38Î´Âinhibition. PLoS Biology, 2018, 16, e2004455.	2.6	30
33	p53 in AgRP neurons is required for protection against diet-induced obesity via JNK1. Nature Communications, 2018, 9, 3432.	5.8	41
34	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	5.8	45
35	MKK6 controls T3-mediated browning of white adipose tissue. Nature Communications, 2017, 8, 856.	5.8	54
36	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

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37	p38Î³ and p38Î´ reprogram liver metabolism by modulating neutrophil infiltration. EMBO Journal, 2016, 35, 536-552.	3.5	61
38	p38Î³ and Î´ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. Nature Communications, 2016, 7, 10477.	5.8	68
39	Stress kinases in the modulation of metabolism and energy balance. Journal of Molecular Endocrinology, 2015, 55, R11-R22.	1.1	64
40	TNF and MAP kinase signalling pathways. Seminars in Immunology, 2014, 26, 237-245.	2.7	507
41	The PPARÎ±-FGF21 Hormone Axis Contributes to Metabolic Regulation by the Hepatic JNK Signaling Pathway. Cell Metabolism, 2014, 20, 512-525.	7.2	149
42	Specific calcineurin targeting in macrophages confers resistance to inflammation via MKPâ€1 and p38. EMBO Journal, 2014, 33, 1117-1133.	3.5	29
43	Eukaryotic elongation factor 2 controls TNF-Î± translation in LPS-induced hepatitis. Journal of Clinical Investigation, 2014, 124, 1869-1869.	3.9	2
44	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
45	Eukaryotic elongation factor 2 controls TNF-Î± translation in LPS-induced hepatitis. Journal of Clinical Investigation, 2013, 123, 164-178.	3.9	90
46	Activation of p38 MAPK in CD4 T cells controls IL-17 production and autoimmune encephalomyelitis. Blood, 2011, 118, 3290-3300.	0.6	141
47	Requirement of c-Jun NH₂-Terminal Kinase for Ras-Initiated Tumor Formation. Molecular and Cellular Biology, 2011, 31, 1565-1576.	1.1	93
48	Translational Control of NKT Cell Cytokine Production by p38 MAPK. Journal of Immunology, 2011, 186, 4140-4146.	0.4	25
49	cJun NH2-terminal kinase 1 (JNK1): roles in metabolic regulation of insulin resistance. Trends in Biochemical Sciences, 2010, 35, 490-496.	3.7	138
50	Differential activation of p38MAPK isoforms by MKK6 and MKK3. Cellular Signalling, 2010, 22, 660-667.	1.7	130
51	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
52	Role of the hypothalamicâ€“pituitaryâ€“thyroid axis in metabolic regulation by JNK1. Genes and Development, 2010, 24, 256-264.	2.7	103
53	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
54	Nuclear Localization of p38 MAPK in Response to DNA Damage. International Journal of Biological Sciences, 2009, 5, 428-437.	2.6	119

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55	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
56	Induction of Hepatitis by JNK-Mediated Expression of TNF-Î±. Cell, 2009, 136, 249-260.	13.5	134
57	Prevention of Steatosis by Hepatic JNK1. Cell Metabolism, 2009, 10, 491-498.	7.2	130
58	Phosphorylation by p38 MAPK as an Alternative Pathway for GSK3Î² Inactivation. Science, 2008, 320, 667-670.	6.0	414
59	A Stress Signaling Pathway in Adipose Tissue Regulates Hepatic Insulin Resistance. Science, 2008, 322, 1539-1543.	6.0	506
60	Alternative p38 MAPK Pathways. , 2007, , 17-32.		2
61	p38Î³ regulates the localisation of SAP97 in the cytoskeleton by modulating its interaction with GKAP. EMBO Journal, 2005, 24, 1134-1145.	3.5	221
62	BIRB796 Inhibits All p38 MAPK Isoforms in Vitro and in Vivo. Journal of Biological Chemistry, 2005, 280, 19472-19479.	1.6	265
63	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
64	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
65	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
66	Lithium blocks the PKB and GSK3 dephosphorylation induced by ceramide through protein phosphatase-2A. Cellular Signalling, 2002, 14, 557-562.	1.7	94
67	Different dependence of lithium and valproate on PI3K/PKB pathway. Bipolar Disorders, 2002, 4, 195-200.	1.1	25
68	Mechanisms of MPP + incorporation into cerebellar granule cells. Brain Research Bulletin, 2001, 56, 119-123.	1.4	25
69	Glu-256 is a main structural determinant for oligomerisation of human arginase I. FEBS Letters, 2001, 501, 161-165.	1.3	18
70	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