

Lluís Fajas

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,844
citations

182225
30
h-index

190340
53
g-index

59
all docs

59
docs citations

59
times ranked

6814
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipocyte-specific CDK7 ablation leads to progressive loss of adipose tissue and metabolic dysfunction. <i>FEBS Letters</i> , 2022, 596, 1434-1444.	1.3	0
2	The Intricate Interplay between Cell Cycle Regulators and Autophagy in Cancer. <i>Cancers</i> , 2022, 14, 153.	1.7	10
3	Glucose Starvation or Pyruvate Dehydrogenase Activation Induce a Broad, ERK5-Mediated, Metabolic Remodeling Leading to Fatty Acid Oxidation. <i>Cells</i> , 2022, 11, 1392.	1.8	1
4	The multifaceted role of cell cycle regulators in the coordination of growth and metabolism. <i>FEBS Journal</i> , 2021, 288, 3813-3833.	2.2	33
5	Enforced PGC-1 β expression promotes CD8 T cell fitness, memory formation and antitumor immunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1761-1771.	4.8	73
6	The multifunctional protein E4F1 links P53 to lipid metabolism in adipocytes. <i>Nature Communications</i> , 2021, 12, 7037.	5.8	15
7	PamgeneAnalyzer: open and reproducible pipeline for kinase profiling. <i>Bioinformatics</i> , 2020, 36, 5117-5119.	1.8	3
8	Hypothalamic <i>CDK4</i> regulates thermogenesis by modulating sympathetic innervation of adipose tissues. <i>EMBO Reports</i> , 2020, 21, e49807.	2.0	12
9	Tumor regression and resistance mechanisms upon CDK4 and RAF1 inactivation in KRAS/P53 mutant lung adenocarcinomas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24415-24426.	3.3	15
10	CDK7 Mediates the Beta-Adrenergic Signaling in Thermogenic Brown and White Adipose Tissues. <i>IScience</i> , 2020, 23, 101163.	1.9	8
11	Cell cycle regulators in cancer cell metabolism. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165715.	1.8	110
12	CDK4 Regulates Lysosomal Function and mTORC1 Activation to Promote Cancer Cell Survival. <i>Cancer Research</i> , 2019, 79, 5245-5259.	0.4	35
13	Inter-organ communication: a gatekeeper for metabolic health. <i>EMBO Reports</i> , 2019, 20, e47903.	2.0	94
14	Human adipose tissue H3K4me3 histone mark in adipogenic, lipid metabolism and inflammatory genes is positively associated with BMI and HOMA-IR. <i>PLoS ONE</i> , 2019, 14, e0215083.	1.1	33
15	CDK4, a new metabolic sensor that antagonizes AMPK. <i>Molecular and Cellular Oncology</i> , 2018, 5, e1409862.	0.3	5
16	E2F1 promotes hepatic gluconeogenesis and contributes to hyperglycemia during diabetes. <i>Molecular Metabolism</i> , 2018, 11, 104-112.	3.0	25
17	Role of cell cycle regulators in adipose tissue and whole body energy homeostasis. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 975-987.	2.4	30
18	Cdkn2a deficiency promotes adipose tissue browning. <i>Molecular Metabolism</i> , 2018, 8, 65-76.	3.0	35

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19	Dietary Fiber Confers Protection against Flu by Shaping Ly6c ^{hi} Patrolling Monocyte Hematopoiesis and CD8 ⁺ T Cell Metabolism. <i>Immunity</i> , 2018, 48, 992-1005.e8.	6.6	441
20	Î²-Klotho deficiency shifts the gut-liver bile acid axis and induces hepatic alterations in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E833-E847.	1.8	13
21	Chromatin immunoprecipitation improvements for the processing of small frozen pieces of adipose tissue. <i>PLoS ONE</i> , 2018, 13, e0192314.	1.1	6
22	Growth factor receptor binding protein 14 inhibition triggers insulin-induced mouse hepatocyte proliferation and is associated with hepatocellular carcinoma. <i>Hepatology</i> , 2017, 65, 1352-1368.	3.6	17
23	CDK4 Phosphorylates AMPKÎ±2 to Inhibit Its Activity and Repress Fatty Acid Oxidation. <i>Molecular Cell</i> , 2017, 68, 336-349.e6.	4.5	55
24	The PDK1 Inhibitor Dichloroacetate Controls Cholesterol Homeostasis Through the ERK5/MEF2 Pathway. <i>Scientific Reports</i> , 2017, 7, 10654.	1.6	23
25	E2F1, a Novel Regulator of Metabolism. <i>Frontiers in Endocrinology</i> , 2017, 8, 311.	1.5	154
26	Cancer: Linking Powerhouses to Suicidal Bags. <i>Frontiers in Oncology</i> , 2017, 7, 204.	1.3	15
27	E2F1 inhibits circulating cholesterol clearance by regulating Pcsk9 expression in the liver. <i>JCI Insight</i> , 2017, 2, .	2.3	39
28	Î²-Klotho deficiency protects against obesity through a crosstalk between liver, microbiota, and brown adipose tissue. <i>JCI Insight</i> , 2017, 2, .	2.3	41
29	KAT2B Is Required for Pancreatic Beta Cell Adaptation to Metabolic Stress by Controlling the Unfolded Protein Response. <i>Cell Reports</i> , 2016, 15, 1051-1061.	2.9	22
30	Mammalian Target of Rapamycin Complex 2 Controls CD8 ⁺ T Cell Memory Differentiation in a Foxo1-Dependent Manner. <i>Cell Reports</i> , 2016, 14, 1206-1217.	2.9	111
31	Modulation of mTOR Signalling Triggers the Formation of Stem Cell-like Memory T Cells. <i>EBioMedicine</i> , 2016, 4, 50-61.	2.7	89
32	Retinoblastoma Protein Knockdown Favors Oxidative Metabolism and Glucose and Fatty Acid Disposal in Muscle Cells. <i>Journal of Cellular Physiology</i> , 2016, 231, 708-718.	2.0	10
33	E2F1 mediates sustained lipogenesis and contributes to hepatic steatosis. <i>Journal of Clinical Investigation</i> , 2015, 126, 137-150.	3.9	104
34	Metabolic adaptation to cancer growth: From the cell to the organism. <i>Cancer Letters</i> , 2015, 356, 171-175.	3.2	21
35	Cell cycle regulation of mitochondrial function. <i>Current Opinion in Cell Biology</i> , 2015, 33, 19-25.	2.6	89
36	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2015, 126, 335-348.	3.9	65

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37	Antagonistic functions of <i>LMNA</i> isoforms in energy expenditure and lifespan. <i>EMBO Reports</i> , 2014, 15, 529-539.	2.0	47
38	Extracellular-signal-regulated kinase 5 modulates the antioxidant response by transcriptionally controlling Sirtuin 1 expression in leukemic cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 253-261.	1.2	19
39	Metabolic control in cancer cells. <i>Annales D'Endocrinologie</i> , 2013, 74, 71-73.	0.6	9
40	Re-thinking cell cycle regulators: the cross-talk with metabolism. <i>Frontiers in Oncology</i> , 2013, 3, 4.	1.3	65
41	E2F transcription factor-1 regulates oxidative metabolism. <i>Nature Cell Biology</i> , 2011, 13, 1146-1152.	4.6	222
42	Cycling through metabolism. <i>EMBO Molecular Medicine</i> , 2010, 2, 338-348.	3.3	78
43	Abrogation of <i>De novo</i> Lipogenesis by Stearoyl-CoA Desaturase 1 Inhibition Interferes with Oncogenic Signaling and Blocks Prostate Cancer Progression in Mice. <i>Molecular Cancer Therapeutics</i> , 2010, 9, 1740-1754.	1.9	224
44	Cyclin G2 Regulates Adipogenesis through PPAR γ Coactivation. <i>Endocrinology</i> , 2010, 151, 5247-5254.	1.4	46
45	The CDK4-pRB-E2F1 pathway controls insulin secretion. <i>Nature Cell Biology</i> , 2009, 11, 1017-1023.	4.6	118
46	Adipose tissue-specific inactivation of the retinoblastoma protein protects against diabetes because of increased energy expenditure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 10703-10708.	3.3	95
47	Peroxisome Proliferator-Activated Receptor γ Recruits the Positive Transcription Elongation Factor b Complex to Activate Transcription and Promote Adipogenesis. <i>Molecular Endocrinology</i> , 2006, 20, 1494-1505.	3.7	101
48	Cyclin D3 Promotes Adipogenesis through Activation of Peroxisome Proliferator-Activated Receptor γ . <i>Molecular and Cellular Biology</i> , 2005, 25, 9985-9995.	1.1	117
49	Cdk4 promotes adipogenesis through PPAR γ activation. <i>Cell Metabolism</i> , 2005, 2, 239-249.	7.2	136
50	Impaired pancreatic growth, β cell mass, and β cell function in E2F1 Δ mice. <i>Journal of Clinical Investigation</i> , 2004, 113, 1288-1295.	3.9	90
51	E2Fs Regulate Adipocyte Differentiation. <i>Developmental Cell</i> , 2002, 3, 39-49.	3.1	284
52	The Retinoblastoma-Histone Deacetylase 3 Complex Inhibits PPAR γ and Adipocyte Differentiation. <i>Developmental Cell</i> , 2002, 3, 903-910.	3.1	249
53	Cyclin A Is a Mediator of p120 E4F -Dependent Cell Cycle Arrest in G 1. <i>Molecular and Cellular Biology</i> , 2001, 21, 2956-2966.	1.1	46
54	pRB binds to and modulates the transrepressing activity of the E1A-regulated transcription factor p120E4F. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 7738-7743.	3.3	41