

Isabel C Lopez-Mejia

List of Publications by Year in descending order

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16
papers

1,454
citations

759233

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2929
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	14.3	441
2	Splicing-Directed Therapy in a New Mouse Model of Human Accelerated Aging. <i>Science Translational Medicine</i> , 2011, 3, 106ra107.	12.4	334
3	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.	6.4	111
4	Cell cycle regulation of mitochondrial function. <i>Current Opinion in Cell Biology</i> , 2015, 33, 19-25.	5.4	89
5	Modulation of mTOR Signalling Triggers the Formation of Stem Cell-like Memory T Cells. <i>EBioMedicine</i> , 2016, 4, 50-61.	6.1	89
6	A conserved splicing mechanism of the LMNA gene controls premature aging. <i>Human Molecular Genetics</i> , 2011, 20, 4540-4555.	2.9	77
7	Enforced PGC-1 α expression promotes CD8 T cell fitness, memory formation and antitumor immunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1761-1771.	10.5	73
8	CDK4 is an essential insulin effector in adipocytes. <i>Journal of Clinical Investigation</i> , 2015, 126, 335-348.	8.2	65
9	CDK4 Phosphorylates AMPK α 2 to Inhibit Its Activity and Repress Fatty Acid Oxidation. <i>Molecular Cell</i> , 2017, 68, 336-349.e6.	9.7	55
10	Antagonistic functions of LMNA isoforms in energy expenditure and lifespan. <i>EMBO Reports</i> , 2014, 15, 529-539.	4.5	47
11	Cdkn2a deficiency promotes adipose tissue browning. <i>Molecular Metabolism</i> , 2018, 8, 65-76.	6.5	35
12	Acute RyR1 Ca ²⁺ leak enhances NADH-linked mitochondrial respiratory capacity. <i>Nature Communications</i> , 2021, 12, 7219.	12.8	17
13	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.	4.1	10
14	A genetic screen identifies Crat as a regulator of pancreatic beta-cell insulin secretion. <i>Molecular Metabolism</i> , 2020, 37, 100993.	6.5	4
15	Lamin C Counteracts Glucose Intolerance in Aging, Obesity, and Diabetes Through β -Cell Adaptation. <i>Diabetes</i> , 2020, 69, 647-660.	0.6	4
16	PamgeneAnalyzer: open and reproducible pipeline for kinase profiling. <i>Bioinformatics</i> , 2020, 36, 5117-5119.	4.1	3