Pablo J Fernandez-Marcos

List of Publications by Year
in descending order

39	5,035	236925	289244
papers	citations	25 h-index	40 g-index

42	42	42	9631
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Regulation of PGC-1Î±, a nodal regulator of mitochondrial biogenesis. American Journal of Clinical Nutrition, 2011, 93, 884S-890S.	4.7	974
2	The NAD+ Precursor Nicotinamide Riboside Enhances Oxidative Metabolism and Protects against High-Fat Diet-Induced Obesity. Cell Metabolism, 2012, 15, 838-847.	16.2	957
3	Tissue damage and senescence provide critical signals for cellular reprogramming in vivo. Science, 2016, 354, .	12.6	466
4	Telomerase Reverse Transcriptase Delays Aging in Cancer-Resistant Mice. Cell, 2008, 135, 609-622.	28.9	396
5	T cells with dysfunctional mitochondria induce multimorbidity and premature senescence. Science, 2020, 368, 1371-1376.	12.6	286
6	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	12.8	230
7	G6PD protects from oxidative damage and improves healthspan in mice. Nature Communications, 2016, 7, 10894.	12.8	179
8	Combined inhibition of DDR1 and Notch signaling is a therapeutic strategy for KRAS-driven lung adenocarcinoma. Nature Medicine, 2016, 22, 270-277.	30.7	150
9	Muscle or liver-specific Sirt3 deficiency induces hyperacetylation of mitochondrial proteins without affecting global metabolic homeostasis. Scientific Reports, 2012, 2, 425.	3.3	126
10	Therapeutic Effect of Î³-Secretase Inhibition in KrasG12V-Driven Non-Small Cell Lung Carcinoma by Derepression of DUSP1 and Inhibition of ERK. Cancer Cell, 2012, 22, 222-234.	16.8	108
11	Inactivation of the Candidate Tumor Suppressor Par-4 in Endometrial Cancer. Cancer Research, 2007, 67, 1927-1934.	0.9	100
12	Restoration of energy homeostasis by SIRT6 extends healthy lifespan. Nature Communications, 2021, 12, 3208.	12.8	98
13	MiR-93 Controls Adiposity via Inhibition of Sirt7 and Tbx3. Cell Reports, 2015, 12, 1594-1605.	6.4	95
14	NOTCH pathway inactivation promotes bladder cancer progression. Journal of Clinical Investigation, 2015, 125, 824-830.	8.2	86
15	FOXO transcription factors at the interface of metabolism and cancer. International Journal of Cancer, 2017, 141, 2379-2391.	5.1	83
16	Par-4 inhibits Akt and suppresses Ras-induced lung tumorigenesis. EMBO Journal, 2008, 27, 2181-2193.	7.8	77
17	Emerging actions of the nuclear receptor LRH-1 in the gut. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 947-955.	3.8	77
18	SIRT1 enhances glucose tolerance by potentiating brown adipose tissue function. Molecular Metabolism, 2015, 4, 118-131.	6.5	75

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19	Cold-Inducible RNA-Binding Protein Bypasses Replicative Senescence in Primary Cells through Extracellular Signal-Regulated Kinase 1 and 2 Activation. Molecular and Cellular Biology, 2009, 29, 1855-1868.	2.3	69
20	NADPH: new oxygen for the ROS theory of aging. Oncotarget, 2016, 7, 50814-50815.	1.8	64
21	Regulation of macrophage activation and septic shock susceptibility via p21(WAF1/CIP1). European Journal of Immunology, 2009, 39, 810-819.	2.9	58
22	The sirtuin family in cancer. Cell Cycle, 2019, 18, 2164-2196.	2.6	47
23	Simultaneous inactivation of Par-4 and PTEN in vivo leads to synergistic NF-Î°B activation and invasive prostate carcinoma. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12962-12967.	7.1	40
24	Rplp1 bypasses replicative senescence and contributes to transformation. Experimental Cell Research, 2009, 315, 1372-1383.	2.6	33
25	Sirt4: The Glutamine Gatekeeper. Cancer Cell, 2013, 23, 427-428.	16.8	30
26	Sirt1 protects from Kâ€Rasâ€driven lung carcinogenesis. EMBO Reports, 2018, 19, .	4.5	21
27	PI3KÎ± inhibition reduces obesity in mice. Aging, 2016, 8, 2747-2753.	3.1	21
28	Activation of p21 limits acute lung injury and induces early senescence after acid aspiration and mechanical ventilation. Translational Research, 2021, 233, 104-116.	5.0	14
29	p21Cip1 plays a critical role in the physiological adaptation to fasting through activation of PPARÎ±. Scientific Reports, 2016, 6, 34542.	3.3	12
30	Normal Proliferation and Tumorigenesis but Impaired Pancreatic Function in Mice Lacking the Cell Cycle Regulator Sei1. PLoS ONE, 2010, 5, e8744.	2.5	10
31	Glucose 6â€P dehydrogenase delays the onset of frailty by protecting against muscle damage. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1879-1896.	7.3	9
32	Yarrow Supercritical Extract Ameliorates the Metabolic Stress in a Model of Obesity Induced by High-Fat Diet. Nutrients, 2020, 12, 72.	4.1	8
33	pRb, a Switch between Bone and Brown Fat. Developmental Cell, 2010, 19, 360-362.	7.0	7
34	Production of Fucoxanthin from Phaeodactylum tricornutum Using High Performance Countercurrent Chromatography Retaining Its FOXO3 Nuclear Translocation-Inducing Effect. Marine Drugs, 2021, 19, 517.	4.6	7
35	Mitochondrial Damage Induces Senescence with a Twisted Arm. Cell Metabolism, 2016, 23, 229-230.	16.2	6
36	Bladder cancer and the Notch pathway. Oncotarget, 2015, 6, 1346-1347.	1.8	5

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37	Analysis of the advantages of cis reporters in optimized <scp>FACSâ€C</scp>al. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 721-729.	1.5	4
38	High-Throughput Image-Based Screening to Identify Chemical Compounds Capable of Activating FOXO. Methods in Molecular Biology, 2019, 1890, 151-161.	0.9	3
39	Young and Lean: Elimination of Senescent Cells Boosts Adaptive Thermogenesis. Cell Metabolism, 2017, 25, 226-228.	16.2	0