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	Restoration of energy homeostasis by SIRT6 extends healthy lifespan. Nature Communications, 2021, 12, 3208.	12.8	98
2	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
3	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
4	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
5	Yarrow Supercritical Extract Ameliorates the Metabolic Stress in a Model of Obesity Induced by High-Fat Diet. Nutrients, 2020, 12, 72.	4.1	8
6	T cells with dysfunctional mitochondria induce multimorbidity and premature senescence. Science, 2020, 368, 1371-1376.	12.6	286
7	The sirtuin family in cancer. Cell Cycle, 2019, 18, 2164-2196.	2.6	47
8	Identification and characterization of Cardiac Glycosides as senolytic compounds. Nature Communications, 2019, 10, 4731.	12.8	230
9	High-Throughput Image-Based Screening to Identify Chemical Compounds Capable of Activating FOXO. Methods in Molecular Biology, 2019, 1890, 151-161.	0.9	3
10	Sirt1 protects from Kâ€Rasâ€driven lung carcinogenesis. EMBO Reports, 2018, 19, .	4.5	21
11	Young and Lean: Elimination of Senescent Cells Boosts Adaptive Thermogenesis. Cell Metabolism, 2017, 25, 226-228.	16.2	0
12	Analysis of the advantages of cis reporters in optimized <scp>FACSâ€</scp>al. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2017, 91, 721-729.	1.5	4
13	FOXO transcription factors at the interface of metabolism and cancer. International Journal of Cancer, 2017, 141, 2379-2391.	5.1	83
14	NADPH: new oxygen for the ROS theory of aging. Oncotarget, 2016, 7, 50814-50815.	1.8	64
15	Tissue damage and senescence provide critical signals for cellular reprogramming in vivo. Science, 2016, 354, .	12.6	466
16	G6PD protects from oxidative damage and improves healthspan in mice. Nature Communications, 2016, 7, 10894.	12.8	179
17	p21Cip1 plays a critical role in the physiological adaptation to fasting through activation of PPARÎ±. Scientific Reports, 2016, 6, 34542.	3.3	12
18	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

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19	Mitochondrial Damage Induces Senescence with a Twisted Arm. Cell Metabolism, 2016, 23, 229-230.	16.2	6
20	PI3KÎ± inhibition reduces obesity in mice. Aging, 2016, 8, 2747-2753.	3.1	21
21	NOTCH pathway inactivation promotes bladder cancer progression. Journal of Clinical Investigation, 2015, 125, 824-830.	8.2	86
22	SIRT1 enhances glucose tolerance by potentiating brown adipose tissue function. Molecular Metabolism, 2015, 4, 118-131.	6.5	75
23	MiR-93 Controls Adiposity via Inhibition of Sirt7 and Tbx3. Cell Reports, 2015, 12, 1594-1605.	6.4	95
24	Bladder cancer and the Notch pathway. Oncotarget, 2015, 6, 1346-1347.	1.8	5
25	Sirt4: The Glutamine Gatekeeper. Cancer Cell, 2013, 23, 427-428.	16.8	30
26	Muscle or liver-specific Sirt3 deficiency induces hyperacetylation of mitochondrial proteins without affecting global metabolic homeostasis. Scientific Reports, 2012, 2, 425.	3.3	126
27	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
28	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
29	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
30	Regulation of PGC-1Î±, a nodal regulator of mitochondrial biogenesis. American Journal of Clinical Nutrition, 2011, 93, 884S-890S.	4.7	974
31	pRb, a Switch between Bone and Brown Fat. Developmental Cell, 2010, 19, 360-362.	7.0	7
32	Normal Proliferation and Tumorigenesis but Impaired Pancreatic Function in Mice Lacking the Cell Cycle Regulator Sei1. PLoS ONE, 2010, 5, e8744.	2.5	10
33	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
34	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
35	Rplp1 bypasses replicative senescence and contributes to transformation. Experimental Cell Research, 2009, 315, 1372-1383.	2.6	33
36	Regulation of macrophage activation and septic shock susceptibility via p21(WAF1/CIP1). European Journal of Immunology, 2009, 39, 810-819.	2.9	58

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37	Par-4 inhibits Akt and suppresses Ras-induced lung tumorigenesis. EMBO Journal, 2008, 27, 2181-2193.	7.8	77
38	Telomerase Reverse Transcriptase Delays Aging in Cancer-Resistant Mice. Cell, 2008, 135, 609-622.	28.9	396
39	Inactivation of the Candidate Tumor Suppressor Par-4 in Endometrial Cancer. Cancer Research, 2007, 67, 1927-1934.	0.9	100