Clea Barcena

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5961877/publications.pdf

Version: 2024-02-01

20 papers	3,612 citations	759233 12 h-index	839539 18 g-index
20 all docs	20 docs citations	20 times ranked	7727 citing authors

#	Article	IF	Citations
1	Genome-scale transcriptional activation by an engineered CRISPR-Cas9 complex. Nature, 2015, 517, 583-588.	27.8	2,272
2	Healthspan and lifespan extension by fecal microbiota transplantation into progeroid mice. Nature Medicine, 2019, 25, 1234-1242.	30.7	352
3	Nuclear lamina defects cause ATM-dependent NF-Î°B activation and link accelerated aging to a systemic inflammatory response. Genes and Development, 2012, 26, 2311-2324.	5.9	224
4	ATP-Dependent Lon Protease Controls Tumor Bioenergetics by Reprogramming Mitochondrial Activity. Cell Reports, 2014, 8, 542-556.	6.4	186
5	Methionine Restriction Extends Lifespan in Progeroid Mice and Alters Lipid and Bile Acid Metabolism. Cell Reports, 2018, 24, 2392-2403.	6.4	125
6	Mitohormesis, an Antiaging Paradigm. International Review of Cell and Molecular Biology, 2018, 340, 35-77.	3.2	111
7	Autophagy couteracts weight gain, lipotoxicity and pancreatic Î²-cell death upon hypercaloric pro-diabetic regimens. Cell Death and Disease, 2017, 8, e2970-e2970.	6.3	78
8	Interruption of progerinâ€“lamin A/C binding ameliorates Hutchinson-Gilford progeria syndrome phenotype. Journal of Clinical Investigation, 2016, 126, 3879-3893.	8.2	76
9	Mitochondrial LonP1 protects cardiomyocytes from ischemia/reperfusion injury in vivo. Journal of Molecular and Cellular Cardiology, 2019, 128, 38-50.	1.9	65
10	Exome sequencing identifies a novel mutation in PIK3R1 as the cause of SHORT syndrome. BMC Medical Genetics, 2014, 15, 51.	2.1	34
11	Methionine restriction for improving progeria: another autophagy-inducing anti-aging strategy?. Autophagy, 2019, 15, 558-559.	9.1	18
12	NovelLMNAmutations cause an aggressive atypical neonatal progeria without progerin accumulation. Journal of Medical Genetics, 2016, 53, 776-785.	3.2	17
13	Global Proteome of LonP1+/â˜’ Mouse Embryonal Fibroblasts Reveals Impact on Respiratory Chain, but No Interdependence between Eral1 and Mitoribosomes. International Journal of Molecular Sciences, 2019, 20, 4523.	4.1	15
14	Loss of mitochondrial ClpP, Lonp1, and Tfam triggers transcriptional induction of Rnf213, a susceptibility factor for moyamoya disease. Neurogenetics, 2020, 21, 187-203.	1.4	14
15	Lon protease: A key enzyme controlling mitochondrial bioenergetics in cancer. Molecular and Cellular Oncology, 2014, 1, e968505.	0.7	12
16	Detection of Nuclear Envelope Alterations in Senescence. Methods in Molecular Biology, 2013, 965, 243-251.	0.9	3
17	Physiological and Pathological Functions of Mitochondrial Proteases. , 2017, , 3-25.		3
18	NPM1 gene mutations can be confidently identified in blood DNA months before de novo AML onset. Blood Advances, 2022, 6, 2409-2413.	5.2	3

#	Article	IF	Citations
19	A fruitful liaison of ZSCAN10 and ROS on the road to rejuvenation. Nature Cell Biology, 2017, 19, 1012-1013.	10.3	2
20	Progeria Mouse Models. , 2018, , 689-701.		2