

N Mota-Martorell

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/448738/publications.pdf>

Version: 2024-02-01

26
papers

579
citations

758635

12
h-index

642321

23
g-index

28
all docs

28
docs citations

28
times ranked

762
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapamycin reverses age-related increases in mitochondrial ROS production at complex I, oxidative stress, accumulation of mtDNA fragments inside nuclear DNA, and lipofuscin level, and increases autophagy, in the liver of middle-aged mice. <i>Experimental Gerontology</i> , 2016, 83, 130-138.	1.2	92
2	Human Aging Is a Metabolome-related Matter of Gender. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 578-585.	1.7	67
3	Region-specific vulnerability to lipid peroxidation and evidence of neuronal mechanisms for polyunsaturated fatty acid biosynthesis in the healthy adult human central nervous system. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2017, 1862, 485-495.	1.2	49
4	The Advanced Lipoxidation End-Product Malondialdehyde-Lysine in Aging and Longevity. <i>Antioxidants</i> , 2020, 9, 1132.	2.2	47
5	Cysteine dietary supplementation reverses the decrease in mitochondrial ROS production at complex I induced by methionine restriction. <i>Journal of Bioenergetics and Biomembranes</i> , 2015, 47, 199-208.	1.0	37
6	Sixty years old is the breakpoint of human frontal cortex aging. <i>Free Radical Biology and Medicine</i> , 2017, 103, 14-22.	1.3	32
7	Low abundance of NDUFV2 and NDUFS4 subunits of the hydrophilic complex I domain and VDAC1 predicts mammalian longevity. <i>Redox Biology</i> , 2020, 34, 101539.	3.9	24
8	Methionine transsulfuration pathway is upregulated in long-lived humans. <i>Free Radical Biology and Medicine</i> , 2021, 162, 38-52.	1.3	21
9	The Lipidome Fingerprint of Longevity. <i>Molecules</i> , 2020, 25, 4343.	1.7	19
10	Specific Metabolomics Adaptations Define a Differential Regional Vulnerability in the Adult Human Cerebral Cortex. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 138.	1.4	17
11	Effects of Aging and Methionine Restriction on Rat Kidney Metabolome. <i>Metabolites</i> , 2019, 9, 280.	1.3	16
12	The Causal Role of Lipoxidative Damage in Mitochondrial Bioenergetic Dysfunction Linked to Alzheimer's Disease Pathology. <i>Life</i> , 2021, 11, 388.	1.1	16
13	Selective brain regional changes in lipid profile with human aging. <i>GeroScience</i> , 2022, 44, 763-783.	2.1	15
14	Lipid alterations in human frontal cortex in ALS/FTLD/TDP43 proteinopathy spectrum are partly related to peroxisome impairment. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 544-563.	1.8	14
15	Lipid Profile in Human Frontal Cortex is Sustained Throughout Healthy Adult Lifespan to Decay at Advanced Ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 703-710.	1.7	13
16	Is the NDUFV2 subunit of the hydrophilic complex I domain a key determinant of animal longevity?. <i>FEBS Journal</i> , 2021, 288, 6652-6673.	2.2	12
17	New insights into human prefrontal cortex aging with a lipidomics approach. <i>Expert Review of Proteomics</i> , 2021, 18, 333-344.	1.3	12
18	Gene expression and regulatory factors of the mechanistic target of rapamycin (mTOR) complex 1 predict mammalian longevity. <i>GeroScience</i> , 2020, 42, 1157-1173.	2.1	11

#	ARTICLE	IF	CITATIONS
19	Alterations in One-Carbon Metabolism in Celiac Disease. <i>Nutrients</i> , 2020, 12, 3723.	1.7	10
20	Succination of Protein Thiols in Human Brain Aging. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 52.	1.7	10
21	Plasma methionine metabolic profile is associated with longevity in mammals. <i>Communications Biology</i> , 2021, 4, 725.	2.0	9
22	<i>ARID1A</i> deficient cells require HDAC6 for progression of endometrial carcinoma. <i>Molecular Oncology</i> , 2022, 16, 2235-2259.	2.1	9
23	Age-Related Changes in Lipidome of Rat Frontal Cortex and Cerebellum Are Partially Reversed by Methionine Restriction Applied in Old Age. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12517.	1.8	8
24	Long-lived Humans Have a Unique Plasma Sphingolipidome. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, 77, 728-735.	1.7	7
25	Up-Regulation of Specific Bioactive Lipids in Celiac Disease. <i>Nutrients</i> , 2021, 13, 2271.	1.7	5
26	Lipoxidation. , 2021, , 83-96.		1