

Daniele Lettieri-Barbato

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

6,088
citations

279487

23
h-index

223531

46
g-index

48
all docs

48
docs citations

48
times ranked

15198
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	FoxO1 controls lysosomal acid lipase in adipocytes: implication of lipophagy during nutrient restriction and metformin treatment. <i>Cell Death and Disease</i> , 2013, 4, e861-e861.	2.7	105
3	Ejection of damaged mitochondria and their removal by macrophages ensure efficient thermogenesis in brown adipose tissue. <i>Cell Metabolism</i> , 2022, 34, 533-548.e12.	7.2	91
4	The Nrf2 induction prevents ferroptosis in Friedreich's Ataxia. <i>Redox Biology</i> , 2021, 38, 101791.	3.9	78
5	Lipophagy Impairment Is Associated With Disease Progression in NAFLD. <i>Frontiers in Physiology</i> , 2020, 11, 850.	1.3	70
6	Effect of plant foods and beverages on plasma non-enzymatic antioxidant capacity in human subjects: a meta-analysis. <i>British Journal of Nutrition</i> , 2013, 109, 1544-1556.	1.2	65
7	Proline oxidaseâ€“adipose triglyceride lipase pathway restrains adipose cell death and tissue inflammation. <i>Cell Death and Differentiation</i> , 2014, 21, 113-123.	5.0	61
8	Adipocyte metabolism is improved by TNF receptor-targeting small RNAs identified from dried nuts. <i>Communications Biology</i> , 2019, 2, 317.	2.0	59
9	Effects of dietary restriction on adipose mass and biomarkers of healthy aging in human. <i>Aging</i> , 2016, 8, 3341-3355.	1.4	47
10	Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. <i>Cell Death and Disease</i> , 2020, 11, 51.	2.7	47
11	The role of nNOS and PGC-1Î± in skeletal muscle cells. <i>Journal of Cell Science</i> , 2014, 127, 4813-20.	1.2	46
12	Metformin Protects Skeletal Muscle from Cardiotoxin Induced Degeneration. <i>PLoS ONE</i> , 2014, 9, e114018.	1.1	45
13	Glutathione Decrement Drives Thermogenic Program In Adipose Cells. <i>Scientific Reports</i> , 2015, 5, 13091.	1.6	43
14	Pushing the Limits of Cancer Therapy: The Nutrient Game. <i>Frontiers in Oncology</i> , 2018, 8, 148.	1.3	40
15	Nrf2 Induction Re-establishes a Proper Neuronal Differentiation Program in Friedreichâ€™s Ataxia Neural Stem Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 356.	1.8	36
16	Traffic air pollution and oxidatively generated DNA damage: can urinary 8-oxo-7,8-dihydro-2-deoxyguanosine be considered a good biomarker? A meta-analysis. <i>Biomarkers</i> , 2010, 15, 538-545.	0.9	35
17	Redox control of non-shivering thermogenesis. <i>Molecular Metabolism</i> , 2019, 25, 11-19.	3.0	35
18	Mitochondrial Hormesis links nutrient restriction to improved metabolism in fat cell. <i>Aging</i> , 2015, 7, 869-881.	1.4	34

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19	Time-controlled fasting prevents aging-like mitochondrial changes induced by persistent dietary fat overload in skeletal muscle. <i>PLoS ONE</i> , 2018, 13, e0195912.	1.1	33
20	FoxO1 at the nexus between fat catabolism and longevity pathways. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 1555-1560.	1.2	30
21	Adipose triglyceride lipase decrement affects skeletal muscle homeostasis during aging through FAs-PPAR α -PGC-1 α antioxidant response. <i>Oncotarget</i> , 2016, 7, 23019-23032.	0.8	30
22	Feast and famine: Adipose tissue adaptations for healthy aging. <i>Ageing Research Reviews</i> , 2016, 28, 85-93.	5.0	29
23	Inhibition of Age-Related Cytokines Production by ATGL: A Mechanism Linked to the Anti-Inflammatory Effect of Resveratrol. <i>Mediators of Inflammation</i> , 2014, 2014, 1-8.	1.4	26
24	An overview of deregulated lipid metabolism in nonalcoholic fatty liver disease with special focus on lysosomal acid lipase. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G469-G480.	1.6	26
25	Caloric Restriction and the Nutrient-Sensing PGC-1 α in Mitochondrial Homeostasis: New Perspectives in Neurodegeneration. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-11.	1.0	25
26	FoxO1 localizes to mitochondria of adipose tissue and is affected by nutrient stress. <i>Metabolism: Clinical and Experimental</i> , 2019, 95, 84-92.	1.5	25
27	Managing lipid metabolism in proliferating cells: New perspective for metformin usage in cancer therapy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 317-324.	3.3	22
28	Dietary fat overload reprograms brown fat mitochondria. <i>Frontiers in Physiology</i> , 2015, 6, 272.	1.3	21
29	Intermittent Fasting Applied in Combination with Rotenone Treatment Exacerbates Dopamine Neurons Degeneration in Mice. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 4.	1.8	21
30	An Overview of the Ferroptosis Hallmarks in Friedreich's Ataxia. <i>Biomolecules</i> , 2020, 10, 1489.	1.8	21
31	MicroRNAs, Long Non-Coding RNAs, and Circular RNAs in the Redox Control of Cell Senescence. <i>Antioxidants</i> , 2022, 11, 480.	2.2	21
32	Low-protein/high-carbohydrate diet induces AMPK-dependent canonical and non-canonical thermogenesis in subcutaneous adipose tissue. <i>Redox Biology</i> , 2020, 36, 101633.	3.9	18
33	Effect of acute consumption of oolong tea on antioxidant parameters in healthy individuals. <i>Food Chemistry</i> , 2012, 132, 2102-2106.	4.2	17
34	Effect of ingestion of dark chocolates with similar lipid composition and different cocoa content on antioxidant and lipid status in healthy humans. <i>Food Chemistry</i> , 2012, 132, 1305-1310.	4.2	15
35	The Role of Glutathione-S Transferase in Psoriasis and Associated Comorbidities and the Effect of Dimethyl Fumarate in This Pathway. <i>Frontiers in Medicine</i> , 2022, 9, 760852.	1.2	14
36	Fasting Drives Nrf2-Related Antioxidant Response in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7780.	1.8	13

#	ARTICLE	IF	CITATIONS
37	Maternal high calorie diet induces mitochondrial dysfunction and senescence phenotype in subcutaneous fat of newborn mice. <i>Oncotarget</i> , 2017, 8, 83407-83418.	0.8	13
38	Aging and Immunometabolic Adaptations to Thermogenesis. <i>Ageing Research Reviews</i> , 2020, 63, 101143.	5.0	6
39	The multifaceted role of nitric oxide synthases in mitochondrial biogenesis and cell differentiation. <i>Communicative and Integrative Biology</i> , 2015, 8, e1017158.	0.6	5
40	Molecular and histological traits of reduced lysosomal acid lipase activity in the fatty liver. <i>Cell Death and Disease</i> , 2021, 12, 1092.	2.7	5
41	SSADH Variants Increase Susceptibility of U87 Cells to Mitochondrial Pro-Oxidant Insult. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4374.	1.8	3
42	Revisited role of TRAF2 and TRAF2 C-terminal domain in endoplasmic reticulum stress-induced autophagy in HAP1 leukemia cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2022, 145, 106193.	1.2	3
43	Glutathione transferase P silencing promotes neuronal differentiation of retinal R28 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 15885-15897.	2.0	1
44	Editorial: Advances in Metabolic Mechanisms of Aging and Its Related Diseases. <i>Frontiers in Physiology</i> , 2020, 11, 594974.	1.3	1