

Beatrice Chabi

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,690
citations

331259

21
h-index

395343

33
g-index

33
all docs

33
docs citations

33
times ranked

2881
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial function and apoptotic susceptibility in aging skeletal muscle. <i>Aging Cell</i> , 2008, 7, 2-12.	3.0	357
2	Effect of denervation on mitochondrially mediated apoptosis in skeletal muscle. <i>Journal of Applied Physiology</i> , 2007, 102, 1143-1151.	1.2	203
3	ANT2 Isoform Required for Cancer Cell Glycolysis. <i>Journal of Bioenergetics and Biomembranes</i> , 2005, 37, 307-317.	1.0	101
4	How to boost antioxidants by lipophilization?. <i>Biochimie</i> , 2013, 95, 20-26.	1.3	97
5	Chicoric Acid Is an Antioxidant Molecule That Stimulates AMP Kinase Pathway in L6 Myotubes and Extends Lifespan in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2013, 8, e78788.	1.1	70
6	Mitochondrial MDM2 Regulates Respiratory Complex I Activity Independently of p53. <i>Molecular Cell</i> , 2018, 69, 594-609.e8.	4.5	68
7	Rat liver mitochondrial membrane characteristics and mitochondrial functions are more profoundly altered by dietary lipid quantity than by dietary lipid quality: effect of different nutritional lipid patterns. <i>British Journal of Nutrition</i> , 2012, 107, 647-659.	1.2	67
8	Quantification of Mitochondrial DNA Deletion, Depletion, and Overreplication: Application to Diagnosis. <i>Clinical Chemistry</i> , 2003, 49, 1309-1317.	1.5	58
9	The mitochondrial-targeted antioxidant MitoQ ameliorates metabolic syndrome features in obesogenic diet-fed rats better than Apocynin or Allopurinol. <i>Free Radical Research</i> , 2014, 48, 1232-1246.	1.5	58
10	Regulation of Skeletal Muscle Oxidative Capacity and Muscle Mass by SIRT3. <i>PLoS ONE</i> , 2014, 9, e85636.	1.1	58
11	Relationship between Sirt1 expression and mitochondrial proteins during conditions of chronic muscle use and disuse. <i>Journal of Applied Physiology</i> , 2009, 107, 1730-1735.	1.2	54
12	Lack of myostatin alters intermyofibrillar mitochondria activity, unbalances redox status, and impairs tolerance to chronic repetitive contractions in muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1000-E1008.	1.8	51
13	Does hydrophobicity always enhance antioxidant drugs? A cut-off effect of the chain length of functionalized chlorogenate esters on ROS-overexpressing fibroblasts. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 531-540.	1.2	45
14	Boosting Antioxidants by Lipophilization: A Strategy to Increase Cell Uptake and Target Mitochondria. <i>Pharmaceutical Research</i> , 2013, 30, 1979-1989.	1.7	45
15	Pathogenesis of Junonia coenia densovirus in Spodoptera frugiperda: A route of infection that leads to hypoxia. <i>Virology</i> , 2010, 403, 137-144.	1.1	42
16	How is Mitochondrial Biogenesis Affected in Mitochondrial Disease?. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, 2102-2110.	0.2	36
17	Evaluation of the ROS Inhibiting Activity and Mitochondrial Targeting of Phenolic Compounds in Fibroblast Cells Model System and Enhancement of Efficiency by Natural Deep Eutectic Solvent (NADES) Formulation. <i>Pharmaceutical Research</i> , 2017, 34, 1134-1146.	1.7	35
18	Glucocorticoid-dependent REDD1 expression reduces muscle metabolism to enable adaptation under energetic stress. <i>BMC Biology</i> , 2018, 16, 65.	1.7	32

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19	SIRT3, a Mitochondrial NAD ⁺ -Dependent Deacetylase, Is Involved in the Regulation of Myoblast Differentiation. <i>PLoS ONE</i> , 2014, 9, e114388.	1.1	29
20	Random mtDNA deletions and functional consequence in aged human skeletal muscle. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 542-549.	1.0	28
21	Polyphenols decreased liver NADPH oxidase activity, increased muscle mitochondrial biogenesis and decreased gastrocnemius age-dependent autophagy in aged rats. <i>Free Radical Research</i> , 2012, 46, 1140-1149.	1.5	25
22	Protective Activity of Total Polyphenols from <i>Genista quadriflora</i> Munby and <i>Teucrium polium geyrii</i> Maire in Acetaminophen-Induced Hepatotoxicity in Rats. <i>Nutrients</i> , 2016, 8, 193.	1.7	22
23	Mice Lacking the p43 Mitochondrial T3 Receptor Become Glucose Intolerant and Insulin Resistant during Aging. <i>PLoS ONE</i> , 2013, 8, e75111.	1.1	20
24	Combined Strategies for Maintaining Skeletal Muscle Mass and Function in Aging: Myostatin Inactivation and AICAR-Associated Oxidative Metabolism Induction. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 1077-1087.	1.7	19
25	Autophagy in farm animals: current knowledge and future challenges. <i>Autophagy</i> , 2021, 17, 1809-1827.	4.3	19
26	M19 Modulates Skeletal Muscle Differentiation and Insulin Secretion in Pancreatic β -Cells through Modulation of Respiratory Chain Activity. <i>PLoS ONE</i> , 2012, 7, e31815.	1.1	14
27	Skeletal muscle overexpression of short isoform Sirt3 altered mitochondrial cardiolipin content and fatty acid composition. <i>Journal of Bioenergetics and Biomembranes</i> , 2018, 50, 131-142.	1.0	10
28	Antioxidant effects of lebanese <i>Crocus sativus</i> L. and its main components, crocin and safranal, on human skeletal muscle cells. <i>European Journal of Integrative Medicine</i> , 2020, 40, 101250.	0.8	9
29	Endurance training prevents negative effects of the hypoxia mimetic dimethylxalylglycine on cardiac and skeletal muscle function. <i>Journal of Applied Physiology</i> , 2016, 120, 455-463.	1.2	8
30	The abietane diterpene taxodione contributes to the antioxidant activity of rosemary by-product in muscle tissue. <i>Journal of Functional Foods</i> , 2019, 62, 103565.	1.6	4
31	Characterization of mitochondrial respiratory complexes involved in the regulation of myoblast differentiation. <i>Cell Biology International</i> , 2021, 45, 1676-1684.	1.4	3
32	Commentaries on Viewpoint: Does SIRT1 determine exercise-induced skeletal muscle mitochondrial biogenesis: differences between in vitro and in vivo experiments?. <i>Journal of Applied Physiology</i> , 2012, 112, 929-930.	1.2	2