

# Paulo J Oliveira

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

285  
papers

8,375  
citations

43  
h-index

76  
g-index

312  
ext. papers

9,879  
ext. citations

4.9  
avg, IF

6.22  
L-index

#	Paper	IF	Citations
285	The Role of Glucosinolates from Cruciferous Vegetables (Brassicaceae) in Gastrointestinal Cancers: From Prevention to Therapeutics.. <i>Pharmaceutics</i> , <b>2022</b> , 14,	6.4	3
284	Mitochondrial and metabolic remodeling in human skin fibroblasts in response to glucose availability.. <i>FEBS Journal</i> , <b>2022</b> ,	5.7	1
283	Redox profiles of Amyotrophic Lateral Sclerosis lymphoblasts with or without known SOD1 mutations.. <i>European Journal of Clinical Investigation</i> , <b>2022</b> , e13798	4.6	0
282	Design and synthesis of chromone-based monoamine oxidase B inhibitors with improved drug-like properties. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 114507	6.8	
281	Carbon Monoxide-Neuroglobin Axis Targeting Metabolism Against Inflammation in BV-2 Microglial Cells. <i>Molecular Neurobiology</i> , <b>2021</b> , 59, 916	6.2	2
280	Quantitative analysis of neuronal mitochondrial movement reveals patterns resulting from neurotoxicity of rotenone and 6-hydroxydopamine. <i>FASEB Journal</i> , <b>2021</b> , 35, e22024	0.9	0
279	Decreasing doxorubicin-induced cardiotoxicity with Nigella sativa seed extract: Traditional medicine targeting a severe clinical problem. <i>Revista Portuguesa De Cardiologia</i> , <b>2021</b> , 41, 107-107	1	
278	Mitochondriotropic antioxidant based on caffeic acid AntiOxClN activates Nrf2-dependent antioxidant defenses and quality control mechanisms to antagonize oxidative stress-induced cell damage.. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 179, 119-119	7.8	2
277	Maternal high-fat high-sucrose diet and gestational exercise modulate hepatic fat accumulation and liver mitochondrial respiratory capacity in mothers and male offspring. <i>Metabolism: Clinical and Experimental</i> , <b>2021</b> , 116, 154704	12.7	6
276	Refinement of a differentiation protocol using neuroblastoma SH-SY5Y cells for use in neurotoxicology research. <i>Food and Chemical Toxicology</i> , <b>2021</b> , 149, 111967	4.7	3
275	MOTS-c reduces myostatin and muscle atrophy signaling. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2021</b> , 320, E680-E690	6	6
274	Exploratory Data Analysis of Cell and Mitochondrial High-Fat, High-Sugar Toxicity on Human HepG2 Cells. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	3
273	Sex-dependent vulnerability of fetal nonhuman primate cardiac mitochondria to moderate maternal nutrient reduction. <i>Clinical Science</i> , <b>2021</b> , 135, 1103-1126	6.5	4
272	Mitochondria, oxidative stress and nonalcoholic fatty liver disease: A complex relationship. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , e13622	4.6	7
271	Metabolic Disease Programming: From Mitochondria to Epigenetics, Glucocorticoid Signalling and Beyond. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13625	4.6	7
270	The mitochondrial permeability transition pore: an evolving concept critical for cell life and death. <i>Biological Reviews</i> , <b>2021</b> , 96, 2489-2521	13.5	15
269	The Alterations of Mitochondrial Function during NAFLD Progression-An Independent Effect of Mitochondrial ROS Production. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7

268	H9c2(2-1)-based sulforhodamine B assay as a possible alternative in vitro platform to investigate effluent and metals toxicity on fish. <i>Chemosphere</i> , <b>2021</b> , 275, 130009	8.4	0
267	Cancer cell metabolism: Rewiring the mitochondrial hub. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2021</b> , 1867, 166016	6.9	10
266	Exposure to marine benthic dinoflagellate toxins may lead to mitochondrial dysfunction. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 240, 108937	3.2	1
265	Maternal obesity in sheep impairs foetal hepatic mitochondrial respiratory chain capacity. <i>European Journal of Clinical Investigation</i> , <b>2021</b> , 51, e13375	4.6	2
264	Glutaminolysis is a metabolic route essential for survival and growth of prostate cancer cells and a target of 5 $\alpha$ -dihydrotestosterone regulation. <i>Cellular Oncology (Dordrecht)</i> , <b>2021</b> , 44, 385-403	7.2	4
263	Analysis of Proapoptotic Protein Trafficking to and from Mitochondria. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2310, 161-178	1.4	0
262	Bridging the Gap Between Nature and Antioxidant Setbacks: Delivering Gallic Acid to Mitochondria. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2275, 161-172	1.4	0
261	Mitochondria-targeted phenolic antioxidants induce ROS-protective pathways in primary human skin fibroblasts. <i>Free Radical Biology and Medicine</i> , <b>2021</b> , 163, 314-324	7.8	5
260	Fine-Tuning the Biological Profile of Multitarget Mitochondriotropic Antioxidants for Neurodegenerative Diseases. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	6
259	Mildbr. and (Gaertn.) Dunal Extracts Decrease Doxorubicin Cytotoxicity on H9c2 Cardiomyoblasts. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2021</b> , 2021, 8858165	2.3	1
258	A mitochondria-targeted caffeic acid derivative reverts cellular and mitochondrial defects in human skin fibroblasts from male sporadic Parkinson's disease patients. <i>Redox Biology</i> , <b>2021</b> , 45, 102037	11.3	4
257	Rat cardiomyocyte H9c2(2-1)-based sulforhodamine B assay as a promising in vitro method to assess the biological component of effluent toxicity. <i>Journal of Environmental Sciences</i> , <b>2020</b> , 96, 163-170	6.4	1
256	Mitochondrial Determinants of Doxorubicin-Induced Cardiomyopathy. <i>Circulation Research</i> , <b>2020</b> , 126, 926-941	15.7	108
255	Urine-Derived Stem Cells: Applications in Regenerative and Predictive Medicine. <i>Cells</i> , <b>2020</b> , 9,	7.9	16
254	High sensitivity of rat cardiomyoblast H9c2(2-1) cells to Gambierdiscus toxic compounds. <i>Aquatic Toxicology</i> , <b>2020</b> , 223, 105475	5.1	0
253	Screening-level evaluation of marine benthic dinoflagellates toxicity using mammalian cell lines. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 195, 110465	7	6
252	Mitochondrial impairment and cytotoxicity effects induced by the marine epibenthic dinoflagellate <i>Coolia malayensis</i> . <i>Environmental Toxicology and Pharmacology</i> , <b>2020</b> , 77, 103379	5.8	3
251	P-cadherin induces anoikis-resistance of matrix-detached breast cancer cells by promoting pentose phosphate pathway and decreasing oxidative stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165964	6.9	5

250	Doxorubicin persistently rewires cardiac circadian homeostasis in mice. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 257-271	5.8	3
249	Mitochondrial remodeling in human skin fibroblasts from sporadic male Parkinson's disease patients uncovers metabolic and mitochondrial bioenergetic defects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165615	6.9	13
248	Mitochondria-Lysosome Crosstalk: From Physiology to Neurodegeneration. <i>Trends in Molecular Medicine</i> , <b>2020</b> , 26, 71-88	11.5	77
247	Development of a 96-well based assay for kinetic determination of catalase enzymatic-activity in biological samples. <i>Toxicology in Vitro</i> , <b>2020</b> , 69, 104996	3.6	4
246	Western Diet Causes Obesity-Induced Nonalcoholic Fatty Liver Disease Development by Differentially Compromising the Autophagic Response. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	14
245	Oxidative Stress in Amyotrophic Lateral Sclerosis: Pathophysiology and Opportunities for Pharmacological Intervention. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 5021694	6.7	16
244	Cell quality control mechanisms maintain stemness and differentiation potential of P19 embryonic carcinoma cells. <i>Autophagy</i> , <b>2020</b> , 16, 313-333	10.2	8
243	Design of novel monoamine oxidase-B inhibitors based on piperine scaffold: Structure-activity-toxicity, drug-likeness and efflux transport studies. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 185, 111770	6.8	16
242	Publicly stressing the role of mitochondria in NAFLD with(in) a sports event. <i>European Journal of Clinical Investigation</i> , <b>2020</b> , 50, e13234	4.6	1
241	Drp1-mediated mitochondrial fission regulates calcium and F-actin dynamics during wound healing. <i>Biology Open</i> , <b>2020</b> , 9,	2.2	12
240	Correspondence reply referring to the correspondence of Schirmer et al. (2019) received by Environmental Pollution regarding the publication Rodrigues et al. (2019). <i>Environmental Pollution</i> , <b>2019</b> , 254, 113059	9.3	1
239	Transfer of glucose hydrogens via acetyl-CoA, malonyl-CoA, and NADPH to fatty acids during de novo lipogenesis. <i>Journal of Lipid Research</i> , <b>2019</b> , 60, 2050-2056	6.3	7
238	Early Cardiac Mitochondrial Molecular and Functional Responses to Acute Anthracycline Treatment in Wistar Rats. <i>Toxicological Sciences</i> , <b>2019</b> , 169, 137-150	4.4	5
237	Epigenetics in Doxorubicin Cardiotoxicity <b>2019</b> , 837-846		0
236	Cell-based assays seem not to accurately predict fish short-term toxicity of pesticides. <i>Environmental Pollution</i> , <b>2019</b> , 252, 476-482	9.3	10
235	Physical exercise positively modulates DOX-induced hepatic oxidative stress, mitochondrial dysfunction and quality control signaling. <i>Mitochondrion</i> , <b>2019</b> , 47, 103-113	4.9	9
234	Benzoic acid-derived nitrones: A new class of potential acetylcholinesterase inhibitors and neuroprotective agents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 174, 116-129	6.8	19
233	Fine-tuning the neuroprotective and blood-brain barrier permeability profile of multi-target agents designed to prevent progressive mitochondrial dysfunction. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 167, 525-545	6.8	18

232	Sources of hepatic glycogen synthesis in mice fed with glucose or fructose as the sole dietary carbohydrate. <i>Magnetic Resonance in Medicine</i> , <b>2019</b> , 81, 639-644	4.4	3
231	Antioxidant Versus Pro-Apoptotic Effects of Mushroom-Enriched Diets on Mitochondria in Liver Disease. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	9
230	Dietary Polyphenols and Mitochondrial Function: Role in Health and Disease. <i>Current Medicinal Chemistry</i> , <b>2019</b> , 26, 3376-3406	4.3	39
229	A Mitochondrial Approach to Cardiovascular Risk and Disease. <i>Current Pharmaceutical Design</i> , <b>2019</b> , 25, 3175-3194	3.3	14
228	Excess fructose and fatty acids trigger a model of non-alcoholic fatty liver disease progression in vitro: Protective effect of the flavonoid silybin. <i>International Journal of Molecular Medicine</i> , <b>2019</b> , 44, 705-712	4.4	14
227	Insights into the Discovery of Novel Neuroprotective Agents: A Comparative Study between Sulfanylcinnamic Acid Derivatives and Related Phenolic Analogues. <i>Molecules</i> , <b>2019</b> , 24,	4.8	8
226	Bioisosteric OH- to SH-replacement changes the antioxidant profile of ferulic acid. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9646-9654	3.9	6
225	Single nanomolar doxorubicin exposure triggers compensatory mitochondrial responses in H9c2 cardiomyoblasts. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 124, 450-461	4.7	13
224	Reactivation of Dihydroorotate Dehydrogenase-Driven Pyrimidine Biosynthesis Restores Tumor Growth of Respiration-Deficient Cancer Cells. <i>Cell Metabolism</i> , <b>2019</b> , 29, 399-416.e10	24.6	104
223	Targeting mitochondria to oppose the progression of nonalcoholic fatty liver disease. <i>Biochemical Pharmacology</i> , <b>2019</b> , 160, 34-45	6	29
222	Discovery of a new mitochondria permeability transition pore (mPTP) inhibitor based on gallic acid. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 567-576	5.6	18
221	In Vitro Methodologies to Investigate Drug-Induced Toxicities <b>2018</b> , 229-247		
220	Mitochondrial Toxicity Induced by Chemotherapeutic Drugs <b>2018</b> , 593-612		
219	SULFATION PATHWAYS: Potential benefits of a sulfated resveratrol derivative for topical application. <i>Journal of Molecular Endocrinology</i> , <b>2018</b> , 61, M27-M39	4.5	5
218	Doxorubicin triggers bioenergetic failure and p53 activation in mouse stem cell-derived cardiomyocytes. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 348, 1-13	4.6	27
217	Development of a PEGylated-Based Platform for Efficient Delivery of Dietary Antioxidants Across the Blood-Brain Barrier. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 1677-1689	6.3	22
216	The beneficial role of exercise in mitigating doxorubicin-induced Mitochondrionopathy. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2018</b> , 1869, 189-199	11.2	19
215	Mitochondria: Targeting mitochondrial reactive oxygen species with mitochondriotropic polyphenolic-based antioxidants. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2018</b> , 97, 98-103	5.6	40

214	TRAP1 regulates autophagy in lung cancer cells. <i>European Journal of Clinical Investigation</i> , <b>2018</b> , 48, e12900	8
213	Extracellular acidification induces ROS- and mPTP-mediated death in HEK293 cells. <i>Redox Biology</i> , <b>2018</b> , 15, 394-404	11.3 43
212	Targeting Mitochondria: The Road to Mitochondriotropic Antioxidants and Beyond <b>2018</b> , 333-358	6
211	Mitochondria in Liver Diseases <b>2018</b> , 91-126	0
210	Metabolic and Phenotypic Characterization of Human Skin Fibroblasts After Forcing Oxidative Capacity. <i>Toxicological Sciences</i> , <b>2018</b> , 164, 191-204	4.4 12
209	Introduction: Mitochondria, the Cell Furnaces <b>2018</b> , 3-9	
208	Pharmacological Targeting of the Mitochondrial Permeability Transition Pore for Cardioprotection <b>2018</b> , 423-490	4
207	Exercise and Doxorubicin Treatment Modulate Cardiac Mitochondrial Quality Control Signaling. <i>Cardiovascular Toxicology</i> , <b>2018</b> , 18, 43-55	3.4 25
206	Hydroxybenzoic Acid Derivatives as Dual-Target Ligands: Mitochondriotropic Antioxidants and Cholinesterase Inhibitors. <i>Frontiers in Chemistry</i> , <b>2018</b> , 6, 126	5 21
205	Electrochemical Behavior of a Mitochondria-Targeted Antioxidant at an Interface between Two Immiscible Electrolyte Solutions: An Alternative Approach to Study Lipophilicity. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 7989-7996	7.8 5
204	Disruption of mitochondrial function as mechanism for anti-cancer activity of a novel mitochondriotropic menadione derivative. <i>Toxicology</i> , <b>2018</b> , 393, 123-139	4.4 25
203	Toxicity of lupane derivatives on anionic membrane models, isolated rat mitochondria and selected human cell lines: Role of terminal alkyl chains. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 296, 198-210	5 4
202	Multi-target-directed ligands for Alzheimer's disease: Discovery of chromone-based monoamine oxidase/cholinesterase inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 781-800	6.8 40
201	Evaluation of Respiration with Clark-Type Electrode in Isolated Mitochondria and Permeabilized Animal Cells. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1782, 7-29	1.4 11
200	Desrisking the Cytotoxicity of a Mitochondriotropic Antioxidant Based on Caffeic Acid by a PEGylated Strategy. <i>Bioconjugate Chemistry</i> , <b>2018</b> , 29, 2723-2733	6.3 7
199	Mitochondria and Reactive Oxygen Species in Aging and Age-Related Diseases. <i>International Review of Cell and Molecular Biology</i> , <b>2018</b> , 340, 209-344	6 102
198	Flexible nanofilms coated with aligned piezoelectric microfibers preserve the contractility of cardiomyocytes. <i>Biomaterials</i> , <b>2017</b> , 139, 213-228	15.6 39
197	Evaluation of biological properties of 3,3',4,4'-benzophenonetetracarboxylic dianhydride derivatives and their ability to inhibit hexokinase activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 427-431	2.9 4

196	The pathophysiological role of cholecystokinin-1 receptor in mouse cholelithogenesis. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 195-196	4.6	
195	Carvedilol and antioxidant proteins in a type I diabetes animal model. <i>European Journal of Clinical Investigation</i> , <b>2017</b> , 47, 19-29	4.6	11
194	Altered mitochondrial epigenetics associated with subchronic doxorubicin cardiotoxicity. <i>Toxicology</i> , <b>2017</b> , 390, 63-73	4.4	34
193	Development of a Mitochondriotropic Antioxidant Based on Caffeic Acid: Proof of Concept on Cellular and Mitochondrial Oxidative Stress Models. <i>Journal of Medicinal Chemistry</i> , <b>2017</b> , 60, 7084-7098	8.3	34
192	Berberine-induced cardioprotection and Sirt3 modulation in doxorubicin-treated H9c2 cardiomyoblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2017</b> , 1863, 2904-2923	6.9	41
191	Development of hydroxybenzoic-based platforms as a solution to deliver dietary antioxidants to mitochondria. <i>Scientific Reports</i> , <b>2017</b> , 7, 6842	4.9	23
190	Sirtuin 1-dependent resveratrol cytotoxicity and pro-differentiation activity on breast cancer cells. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1261-1278	5.8	28
189	Mitochondrial biology in cancer stem cells. <i>Seminars in Cancer Biology</i> , <b>2017</b> , 47, 18-28	12.7	28
188	The Nutraceutical Silybin Counteracts Excess Lipid Accumulation and Ongoing Oxidative Stress in an Model of Non-Alcoholic Fatty Liver Disease Progression. <i>Frontiers in Nutrition</i> , <b>2017</b> , 4, 42	6.2	21
187	Protective Effect of Green Tea ( <i>L.</i> Kuntze) against Prostate Cancer: From In Vitro Data to Algerian Patients. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2017</b> , 2017, 1691568	2.3	12
186	Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells. <i>ELife</i> , <b>2017</b> , 6,	8.9	141
185	Author response: Horizontal transfer of whole mitochondria restores tumorigenic potential in mitochondrial DNA-deficient cancer cells <b>2017</b> ,		4
184	Cardiac cytochrome c and cardiolipin depletion during anthracycline-induced chronic depression of mitochondrial function. <i>Mitochondrion</i> , <b>2016</b> , 30, 95-104	4.9	28
183	Involvement of mitochondrial dysfunction in nefazodone-induced hepatotoxicity. <i>Food and Chemical Toxicology</i> , <b>2016</b> , 94, 148-58	4.7	14
182	Physical exercise mitigates doxorubicin-induced brain cortex and cerebellum mitochondrial alterations and cellular quality control signaling. <i>Mitochondrion</i> , <b>2016</b> , 26, 43-57	4.9	32
181	Protective role of necrostatin-1 in acute myocardial infarction. <i>European Journal of Clinical Investigation</i> , <b>2016</b> , 46, 99-100	4.6	1
180	Exercise mitigates mitochondrial permeability transition pore and quality control mechanisms alterations in nonalcoholic steatohepatitis. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2016</b> , 41, 298-306	3.6	36
179	p66Shc signaling is involved in stress responses elicited by anthracycline treatment of rat cardiomyoblasts. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1669-84	5.8	20

178	Targeting Mitochondria in Cardiovascular Diseases. <i>Current Pharmaceutical Design</i> , <b>2016</b> , 22, 5698-5717	3,3	26
177	Diet, Lifestyles, Family History, and Prostate Cancer Incidence in an East Algerian Patient Group. <i>BioMed Research International</i> , <b>2016</b> , 2016, 5730569	3	6
176	Physical Exercise and Brain Mitochondrial Fitness: The Possible Role Against Alzheimer's Disease. <i>Brain Pathology</i> , <b>2016</b> , 26, 648-63	6	52
175	Determination of Metabolic Viability and Cell Mass Using a Tandem Resazurin/Sulforhodamine B Assay. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , <b>2016</b> , 68, 2.24.1-2.24.15	1	24
174	Oleanolic, Ursolic, and Betulinic Acids as Food Supplements or Pharmaceutical Agents for Type 2 Diabetes: Promise or Illusion?. <i>Journal of Agricultural and Food Chemistry</i> , <b>2016</b> , 64, 2991-3008	5-7	88
173	Physical exercise improves brain cortex and cerebellum mitochondrial bioenergetics and alters apoptotic, dynamic and auto(mito)phagy markers. <i>Neuroscience</i> , <b>2015</b> , 301, 480-95	3-9	92
172	Exercise modulates liver cellular and mitochondrial proteins related to quality control signaling. <i>Life Sciences</i> , <b>2015</b> , 135, 124-30	6.8	29
171	Effects of moderate global maternal nutrient reduction on fetal baboon renal mitochondrial gene expression at 0.9 gestation. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 308, F1217-28	4-3	24
170	Back to the future: transgenerational transmission of xenobiotic-induced epigenetic remodeling. <i>Epigenetics</i> , <b>2015</b> , 10, 259-73	5-7	32
169	Bisphenol A as epigenetic modulator: setting the stage for carcinogenesis?. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45 Suppl 1, 32-6	4.6	28
168	Metabolic evaluations of cancer metabolism by NMR-based stable isotope tracer methodologies. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45 Suppl 1, 37-43	4.6	12
167	Comment on Snycophenolic acid attenuates the tumour necrosis factor- $\alpha$ -mediated proinflammatory response in endothelial cells by blocking the MAPK/NF- $\kappa$ B and ROS pathways Sby Olejarz et al. <i>European Journal of Clinical Investigation</i> , <b>2015</b> , 45, 109-10	4.6	
166	Cardiomyocyte H9c2 cells present a valuable alternative to fish lethal testing for azoxystrobin. <i>Environmental Pollution</i> , <b>2015</b> , 206, 619-26	9-3	22
165	Analysis of pro-apoptotic protein trafficking to and from mitochondria. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1241, 163-80	1.4	8
164	Physical exercise prior and during treatment reduces sub-chronic doxorubicin-induced mitochondrial toxicity and oxidative stress. <i>Mitochondrion</i> , <b>2015</b> , 20, 22-33	4-9	64
163	Exercise-Induced Protection Against Aging and Neurodegenerative Diseases <b>2015</b> , 309-321		1
162	Measuring Mitochondrial Membrane Potential with a Tetraphenylphosphonium-Selective Electrode. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , <b>2015</b> , 65, 25.5.1-25.5.16	1	11
161	Measuring p66Shc Signaling Pathway Activation and Mitochondrial Translocation in Cultured Cells. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , <b>2015</b> , 66, 25.6.1-25.6.21 <sup>1</sup>		



160	Gene Expression Profiling of H9c2 Myoblast Differentiation towards a Cardiac-Like Phenotype. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129303	3.7	69
159	Stimulating basal mitochondrial respiration decreases doxorubicin apoptotic signaling in H9c2 cardiomyoblasts. <i>Toxicology</i> , <b>2015</b> , 334, 1-11	4.4	29
158	Caffeine Cardiovascular Toxicity <b>2015</b> , 699-707		0
157	Caffeic and Ferulic Acid Derivatives <b>2015</b> , 663-671		2
156	Melatonin antiproliferative effects require active mitochondrial function in embryonal carcinoma cells. <i>Oncotarget</i> , <b>2015</b> , 6, 17081-96	3.3	27
155	Shutting Down the Furnace: Preferential Killing of Cancer Cells with Mitochondrial-Targeting Molecules. <i>Current Medicinal Chemistry</i> , <b>2015</b> , 22, 2438-57	4.3	7
154	Bridging the gap between nature and antioxidant setbacks: delivering caffeic acid to mitochondria. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1265, 73-83	1.4	1
153	Physical exercise prevents and mitigates non-alcoholic steatohepatitis-induced liver mitochondrial structural and bioenergetics impairments. <i>Mitochondrion</i> , <b>2014</b> , 15, 40-51	4.9	33
152	Mitochondrial metabolism directs stemness and differentiation in P19 embryonal carcinoma stem cells. <i>Cell Death and Differentiation</i> , <b>2014</b> , 21, 1560-74	12.7	75
151	New derivatives of lupane triterpenoids disturb breast cancer mitochondria and induce cell death. <i>Bioorganic and Medicinal Chemistry</i> , <b>2014</b> , 22, 6270-87	3.4	20
150	Mitochondrial apoptosis-inducing factor is involved in doxorubicin-induced toxicity on H9c2 cardiomyoblasts. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 2468-78	6.9	37
149	Exercise alters liver mitochondria phospholipidomic profile and mitochondrial activity in non-alcoholic steatohepatitis. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2014</b> , 54, 163-73	5.6	23
148	Carriers for metal complexes on tumour cells: the effect of cyclodextrins vs CNTs on the model guest phenanthroline-5,6-dione trithiacyclononane ruthenium(II) chloride. <i>BioMetals</i> , <b>2014</b> , 27, 507-25	3.4	10
147	Exercise mitigates diclofenac-induced liver mitochondrial dysfunction. <i>European Journal of Clinical Investigation</i> , <b>2014</b> , 44, 668-77	4.6	20
146	Modulation of cardiac mitochondrial permeability transition and apoptotic signaling by endurance training and intermittent hypobaric hypoxia. <i>International Journal of Cardiology</i> , <b>2014</b> , 173, 40-5	3.2	31
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137	βAdrenergic over-stimulation and cardio-myocyte apoptosis: two receptors, one organelle, two fates?. <i>Current Drug Targets</i> , <b>2014</b> , 15, 956-64	3	3
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5	Bile acids affect liver mitochondrial bioenergetics: possible relevance for cholestasis therapy. <i>Toxicological Sciences</i> , <b>2000</b> , 57, 177-85	4.4	123
4	Carvedilol inhibits the exogenous NADH dehydrogenase in rat heart mitochondria. <i>Archives of Biochemistry and Biophysics</i> , <b>2000</b> , 374, 279-85	4.1	36
3	Effects of carvedilol on isolated heart mitochondria: evidence for a protonophoretic mechanism. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 276, 82-7	3.4	33
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