Catalina Carrasco-Pozo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3367250/publications.pdf

Version: 2024-02-01

54	2,545	186265	206112
papers	citations	28 h-index	48 g-index

55	55	55	4240
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	HBO1 is required for the maintenance of leukaemia stem cells. Nature, 2020, 577, 266-270.	27.8	105
2	Hemin Prevents Increased Glycolysis in Macrophages upon Activation: Protection by Microbiota-Derived Metabolites of Polyphenols. Antioxidants, 2020, 9, 1109.	5.1	8
3	Metabolic Roles of Androgen Receptor and Tip60 in Androgen-Dependent Prostate Cancer. International Journal of Molecular Sciences, 2020, 21, 6622.	4.1	9
4	The Microbiota-Derived Metabolite of Quercetin, 3,4-Dihydroxyphenylacetic Acid Prevents Malignant Transformation and Mitochondrial Dysfunction Induced by Hemin in Colon Cancer and Normal Colon Epithelia Cell Lines. Molecules, 2020, 25, 4138.	3.8	13
5	Openâ€label longâ€term treatment of addâ€on triheptanoin in adults with drugâ€resistant epilepsy. Epilepsia Open, 2020, 5, 230-239.	2.4	9
6	The Anti-Cancer Effect of Quercetin: Molecular Implications in Cancer Metabolism. International Journal of Molecular Sciences, 2019, 20, 3177.	4.1	361
7	The Molecular Effects of Sulforaphane and Capsaicin on Metabolism upon Androgen and Tip60 Activation of Androgen Receptor. International Journal of Molecular Sciences, 2019, 20, 5384.	4.1	15
8	Protective Effect of an Avocado Peel Polyphenolic Extract Rich in Proanthocyanidins on the Alterations of Colonic Homeostasis Induced by a High-Protein Diet. Journal of Agricultural and Food Chemistry, 2019, 67, 11616-11626.	5.2	18
9	Effect of a proanthocyanidin-rich polyphenol extract from avocado on the production of amino acid-derived bacterial metabolites and the microbiota composition in rats fed a high-protein diet. Food and Function, 2019, 10, 4022-4035.	4.6	25
10	Quercetin and Epigallocatechin Gallate in the Prevention and Treatment of Obesity: From Molecular to Clinical Studies. Journal of Medicinal Food, 2019, 22, 753-770.	1.5	57
11	Antenatal melatonin modulates an enhanced antioxidant/pro-oxidant ratio in pulmonary hypertensive newborn sheep. Redox Biology, 2019, 22, 101128.	9.0	26
12	Dexmedetomidine Improves Cardiovascular and Ventilatory Outcomes in Critically Ill Patients: Basic and Clinical Approaches. Frontiers in Pharmacology, 2019, 10, 1641.	3.5	36
13	Proanthocyanidin-containing polyphenol extracts from fruits prevent the inhibitory effect of hydrogen sulfide on human colonocyte oxygen consumption. Amino Acids, 2018, 50, 755-763.	2.7	18
14	Triheptanoin protects against status epilepticusâ€induced hippocampal mitochondrial dysfunctions, oxidative stress and neuronal degeneration. Journal of Neurochemistry, 2018, 144, 431-442.	3.9	23
15	Quercetin Prevents Diastolic Dysfunction Induced by a High-Cholesterol Diet: Role of Oxidative Stress and Bioenergetics in Hyperglycemic Rats. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-14.	4.0	48
16	Heptanoate is neuroprotective in vitro but triheptanoin post-treatment did not protect against middle cerebral artery occlusion in rats. Neuroscience Letters, 2018, 683, 207-214.	2.1	6
17	Mechanisms of Cardiovascular Protection Associated with Intermittent Hypobaric Hypoxia Exposure in a Rat Model: Role of Oxidative Stress. International Journal of Molecular Sciences, 2018, 19, 366.	4.1	24
18	Polyunsaturated fatty acid induces cardioprotection against ischemia-reperfusion through the inhibition of NF-kappaB and induction of Nrf2. Experimental Biology and Medicine, 2017, 242, 1104-1114.	2.4	30

#	Article	IF	Citations
19	Quercetin Oxidation Paradoxically Enhances its Antioxidant and Cytoprotective Properties. Journal of Agricultural and Food Chemistry, 2017, 65, 11002-11010.	5.2	48
20	Tridecanoin is anticonvulsant, antioxidant, and improves mitochondrial function. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 2035-2048.	4.3	55
21	Sulforaphane Protects against High Cholesterol-Induced Mitochondrial Bioenergetics Impairments, Inflammation, and Oxidative Stress and Preserves PancreaticÎ²-Cells Function. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-14.	4.0	32
22	Alterations in Cytosolic and Mitochondrial [U-¹³C]Glucose Metabolism in a Chronic Epilepsy Mouse Model. ENeuro, 2017, 4, ENEURO.0341-16.2017.	1.9	39
23	Deleterious Effect of p-Cresol on Human Colonic Epithelial Cells Prevented by Proanthocyanidin-Containing Polyphenol Extracts from Fruits and Proanthocyanidin Bacterial Metabolites. Journal of Agricultural and Food Chemistry, 2016, 64, 3574-3583.	5.2	54
24	Impact of Dietary Lipids on Colonic Function and Microbiota: An Experimental Approach Involving Orlistat-Induced Fat Malabsorption in Human Volunteers. Clinical and Translational Gastroenterology, 2016, 7, e161.	2.5	64
25	The deleterious effect of cholesterol and protection by quercetin on mitochondrial bioenergetics of pancreatic Î²-cells, glycemic control and inflammation: In vitro and in vivo studies. Redox Biology, 2016, 9, 229-243.	9.0	76
26	Polyphenol extracts interfere with bacterial lipopolysaccharide in vitro and decrease postprandial endotoxemia in human volunteers. Journal of Functional Foods, 2016, 26, 406-417.	3.4	19
27	Pharmacological models and approaches for pathophysiological conditions associated with hypoxia and oxidative stress. , 2016, 158, 1-23.		52
28	Molecular mechanisms of gastrointestinal protection by quercetin against indomethacin-induced damage: role of NF-Î²B and Nrf2. Journal of Nutritional Biochemistry, 2016, 27, 289-298.	4.2	61
29	The Gastrointestinal Tract as a Key Target Organ for the Health-Promoting Effects of Dietary Proanthocyanidins. Frontiers in Nutrition, 2016, 3, 57.	3.7	70
30	Sulforaphane is anticonvulsant and improves mitochondrial function. Journal of Neurochemistry, 2015, 135, 932-942.	3.9	56
31	Î©3 Supplementation and Intermittent Hypobaric Hypoxia Induce Cardioprotection Enhancing Antioxidant Mechanisms in Adult Rats. Marine Drugs, 2015, 13, 838-860.	4.6	21
32	3,4-dihydroxyphenylacetic acid, a microbiota-derived metabolite of quercetin, protects against pancreatic Î²-cells dysfunction induced by high cholesterol. Experimental Cell Research, 2015, 334, 270-282.	2.6	63
33	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. Free Radical Biology and Medicine, 2015, 85, 219-227.	2.9	108
34	The intake of maqui (Aristotelia chilensis) berry extract normalizes H2O2 and IL-6 concentrations in exhaled breath condensate from healthy smokers - an explorative study. Nutrition Journal, 2015, 14, 27.	3.4	16
35	Probiotic Screening and Safety Evaluation of Lactobacillus Strains from Plants, Artisanal Goat Cheese, Human Stools, and Breast Milk. Journal of Medicinal Food, 2014, 17, 487-495.	1.5	26
36	Protection by Polyphenols Against Mitochondrial Damage and Cytotoxicity. , 2014, , 731-746.		2

#	Article	IF	Citations
37	Effect of the Synbiotic (<i>B. animalis </i>spp. <i>lactis </i>Bb12 + Oligofructose) in Obese Subjects. A Randomized, Double-Blind, Controlled Clinical Trial. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 491-498.	0.3	11
38	Polyphenols Protect the Epithelial Barrier Function of Caco-2 Cells Exposed to Indomethacin through the Modulation of Occludin and Zonula Occludens-1 Expression. Journal of Agricultural and Food Chemistry, 2013, 61, 5291-5297.	5.2	106
39	Stimulation of cytosolic and mitochondrial calcium mobilization by indomethacin in Caco-2 cells: Modulation by the polyphenols quercetin, resveratrol and rutin. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 2052-2061.	2.4	39
40	Differential protective effects of quercetin, resveratrol, rutin and epigallocatechin gallate against mitochondrial dysfunction induced by indomethacin in Caco-2 cells. Chemico-Biological Interactions, 2012, 195, 199-205.	4.0	121
41	Apple Peel Polyphenols Protect against Gastrointestinal Mucosa Alterations Induced by Indomethacin in Rats. Journal of Agricultural and Food Chemistry, 2011, 59, 6459-6466.	5.2	48
42	Apple Peel Polyphenol Extract Protects against Indomethacin-Induced Damage in Caco-2 Cells by Preventing Mitochondrial Complex I Inhibition. Journal of Agricultural and Food Chemistry, 2011, 59, 11501-11508.	5.2	38
43	Superoxide-dependent reduction of free Fe3+ and release of Fe2+ from ferritin by the physiologically-occurring Cu(I)â€“glutathione complex. Bioorganic and Medicinal Chemistry, 2011, 19, 534-541.	3.0	24
44	Protection by apple peel polyphenols against indometacin-induced oxidative stress, mitochondrial damage and cytotoxicity in Caco-2 cells. Journal of Pharmacy and Pharmacology, 2010, 62, 943-950.	2.4	40
45	The Cu(I)â€“glutathione complex: factors affecting its formation and capacity to generate reactive oxygen species. Transition Metal Chemistry, 2010, 35, 321-329.	1.4	20
46	Protection by apple peel polyphenols against indometacin-induced oxidative stress, mitochondrial damage and cytotoxicity in Caco-2 cells. Journal of Pharmacy and Pharmacology, 2010, 62, 943-50.	2.4	7
47	New potent 5-nitroindazole derivatives as inhibitors of Trypanosoma cruzi growth: Synthesis, biological evaluation, and mechanism of action studies. Bioorganic and Medicinal Chemistry, 2009, 17, 8186-8196.	3.0	41
48	Cu(I)â€“Glutathione complex: A potential source of superoxide radicals generation. Bioorganic and Medicinal Chemistry, 2008, 16, 6568-6574.	3.0	95
49	Double edge redox-implications for the interaction between endogenous thiols and copper ions: In vitro studies. Bioorganic and Medicinal Chemistry, 2008, 16, 9795-9803.	3.0	27
50	SLOW AND FAST-REACTING ANTIOXIDANTS FROM BERRIES: THEIR EVALUATION THROUGH THE FRAP (FERRIC) Tj ETQq0 0 0 rgBT /Overl	0.2	3
51	In Vitro Interaction Between Homocysteine and Copper Ions: Potential Redox Implications. Experimental Biology and Medicine, 2006, 231, 1569-1575.	2.4	20
52	Antioxidant screening of medicinal herbal teas. Phytotherapy Research, 2006, 20, 462-467.	5.8	42
53	Boldine and its antioxidant or health-promoting properties. Chemico-Biological Interactions, 2006, 159, 1-17.	4.0	147
54	Reaction of 5-Aminosalicylic Acid with Peroxyl Radicals: Protection and Recovery by Ascorbic Acid and Amino Acids. Pharmaceutical Research, 2005, 22, 1642-1648.	3.5	18