P Andreoletti

List of Publications by Year
in descending order

56 papers	1,855 citations	236925 25 h-index	276875 41 g-index
60 all docs	60 docs citations	60 times ranked	2940 citing authors

#	Article	IF	Citations
1	Essential Oils of Basil Cultivars Selectively Affect the Activity of Antioxidant Enzymes in Murine Glial Cells. Current Nutraceuticals, 2022, 3, 68-76.	0.1	2
2	Protective effects of milk thistle (Sylibum marianum) seed oil and Î±-tocopherol against 7Î²-hydroxycholesterol-induced peroxisomal alterations in murine C2C12 myoblasts: Nutritional insights associated with the concept of pexotherapy. Steroids, 2022, 183, 109032.	1.8	9
3	Effects of a Short-Term Lipopolysaccharides Challenge on Mouse Brain and Liver Peroxisomal Antioxidant and Î²-oxidative Functions: Protective Action of Argan Oil. Pharmaceuticals, 2022, 15, 465.	3.8	4
4	Adenosine Diphosphate and the P2Y13 Receptor Are Involved in the Autophagic Protection of Ex Vivo Perfused Livers From Fasted Rats: Potential Benefit for Liver Graft Preservation. Liver Transplantation, 2021, 27, 997-1006.	2.4	0
5	Artemisia dracunculus L. essential oil phytochemical components trigger the activity of cellular antioxidant enzymes. Journal of Food Biochemistry, 2021, 45, e13691.	2.9	8
6	Cytoprotective organoselenium compounds for oligodendrocytes. Arabian Journal of Chemistry, 2021, 14, 103051.	4.9	17
7	Attenuation of 7-ketocholesterol- and 7Î²-hydroxycholesterol-induced oxiapoptophagy by nutrients, synthetic molecules and oils: Potential for the prevention of age-related diseases. Ageing Research Reviews, 2021, 68, 101324.	10.9	45
8	Mechanisms Mediating the Regulation of Peroxisomal Fatty Acid Beta-Oxidation by PPARÎ±. International Journal of Molecular Sciences, 2021, 22, 8969.	4.1	63
9	Potential Involvement of Peroxisome in Multiple Sclerosis and Alzheimerâ€™s Disease. Advances in Experimental Medicine and Biology, 2020, 1299, 91-104.	1.6	10
10	Peroxisomes in Immune Response and Inflammation. International Journal of Molecular Sciences, 2019, 20, 3877.	4.1	82
11	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). Free Radical Research, 2019, 53, 1163-1170.	3.3	5
12	Cytoprotective and Antioxidants in Peroxisomal Neurodegenerative Diseases. Proceedings (mdpi), 2019, 11, 33.	0.2	2
13	How efficient is resveratrol as an antioxidant of the Mediterranean diet, towards alterations during the aging process?. Free Radical Research, 2019, 53, 1101-1112.	3.3	34
14	A microglial cell model for acyl-CoA oxidase 1 deficiency. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 567-576.	2.4	32
15	Prophylaxis of Non-communicable Diseases: Why Fruits and Vegetables may be Better Chemopreventive Agents than Dietary Supplements Based on Isolated Phytochemicals?. Current Pharmaceutical Design, 2019, 25, 1847-1860.	1.9	21
16	Chemical and phytochemical characterizations of argan oil (Argania spinosa L. skeels), olive oil (Olea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf cladode essential oil. Journal of Food Measurement and Characterization, 2018, 12, 747-754.	3.2	30
17	Cytoprotective and antioxidant properties of organic selenides for the myelin-forming cells, oligodendrocytes. Bioorganic Chemistry, 2018, 80, 43-56.	4.1	35
18	Peroxisomal Acyl-CoA Oxidase Type 1: Anti-Inflammatory and Anti-Aging Properties with a Special Emphasis on Studies with LPS and Argan Oil as a Model Transposable to Aging. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-13.	4.0	23

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19	Attenuation of 7-ketocholesterol-induced overproduction of reactive oxygen species, apoptosis, and autophagy by dimethyl fumarate on 158 N murine oligodendrocytes. Journal of Steroid Biochemistry and Molecular Biology, 2017, 169, 29-38.	2.5	39
20	Induction by arsenate of cell-type-specific cytotoxic effects in nerve and hepatoma cells. Human and Experimental Toxicology, 2017, 36, 1256-1269.	2.2	6
21	Flow Cytometric Analysis of the Expression Pattern of Peroxisomal Proteins, Abcd1, Abcd2, and Abcd3 in BV-2 Murine Microglial Cells. Methods in Molecular Biology, 2017, 1595, 257-265.	0.9	9
22	Evidence of biological activity of Mentha species extracts on apoptotic and autophagic targets on murine RAW264.7 and human U937 monocytic cells. Pharmaceutical Biology, 2017, 55, 286-293.	2.9	14
23	Mitochondrial dysfunction, oxidative stress and apoptotic induction in microglial BV-2 cells treated with sodium arsenate. Journal of Environmental Sciences, 2017, 51, 44-51.	6.1	19
24	Predictive Structure and Topology of Peroxisomal ATP-Binding Cassette (ABC) Transporters. International Journal of Molecular Sciences, 2017, 18, 1593.	4.1	14
25	Protective Effect of Argan and Olive Oils against LPS-Induced Oxidative Stress and Inflammation in Mice Livers. International Journal of Molecular Sciences, 2017, 18, 2181.	4.1	45
26	Protective Effect of Cactus Cladode Extracts on Peroxisomal Functions in Microglial BV-2 Cells Activated by Different Lipopolysaccharides. Molecules, 2017, 22, 102.	3.8	9
27	Evidence of hormesis on human neuronal SK-N-BE cells treated with sodium arsenate: impact at the mitochondrial level. Environmental Science and Pollution Research, 2016, 23, 8441-8452.	5.3	7
28	Argan oil prevents down-regulation induced by endotoxin on liver fatty acid oxidation and gluconeogenesis and on peroxisome proliferator-activated receptor gamma coactivator-1Î±, (PGC-1Î±), peroxisome proliferator-activated receptor Î± (PPARÎ±) and estrogen related receptor Î± (ERRÎ±). Biochimie Open, 2015, 1, 51-59.	3.2	18
29	Biological activities of Schottenol and Spinasterol, two natural phytosterols present in argan oil and in cactus pear seed oil, on murine miroglial BV2 cells. Biochemical and Biophysical Research Communications, 2014, 446, 798-804.	2.1	50
30	The human peroxisome in health and disease: The story of an oddity becoming a vital organelle. Biochimie, 2014, 98, 4-15.	2.6	36
31	LXR antagonists induce ABCD2 expression. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 259-266.	2.4	12
32	Nopal Cactus (Opuntia ficus-indica) as a Source of Bioactive Compounds for Nutrition, Health and Disease. Molecules, 2014, 19, 14879-14901.	3.8	294
33	Sox17 Regulates Liver Lipid Metabolism and Adaptation to Fasting. PLoS ONE, 2014, 9, e104925.	2.5	15
34	Modulation of peroxisomes abundance by argan oil and lipopolysaccharides in acyl-CoA oxidase 1-deficient fibroblasts. Health, 2013, 05, 62-69.	0.3	9
35	The Inflammatory Response in Acyl-CoA Oxidase 1 Deficiency (Pseudoneonatal Adrenoleukodystrophy). Endocrinology, 2012, 153, 2568-2575.	2.8	37
36	Mitochondrial Dysfunction and Lipid Homeostasis. Current Drug Metabolism, 2012, 13, 1388-1400.	1.2	39

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37	Fatty Acids - Induced Lipotoxicity and Inflammation. Current Drug Metabolism, 2012, 13, 1358-1370.	1.2	88
38	Hepatic Steatosis and Peroxisomal Fatty Acid Beta-oxidation. Current Drug Metabolism, 2012, 13, 1412-1421.	1.2	55
39	Evidence of oxidative stress in very long chain fatty acid â€“ Treated oligodendrocytes and potentialization of ROS production using RNA interference-directed knockdown of ABCD1 and ACOX1 peroxisomal proteins. Neuroscience, 2012, 213, 1-18.	2.3	99
40	Incidence of Abcd1 level on the induction of cell death and organelle dysfunctions triggered by very long chain fatty acids and TNF-Î± on oligodendrocytes and astrocytes. NeuroToxicology, 2012, 33, 212-228.	3.0	36
41	Diacylglycerol-containing oleic acid induces increases in [Ca2+]i via TRPC3/6 channels in human T-cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 618-626.	2.4	29
42	Structural and Catalytic Properties of the D-3-Hydroxybutyrate Dehydrogenase from Pseudomonas aeruginosa. Current Microbiology, 2010, 61, 7-12.	2.2	5
43	Electrochemical probe for the monitoring of DNAâ€“protein interactions. Biosensors and Bioelectronics, 2010, 25, 2598-2602.	10.1	25
44	Functional significance of the two ACOX1 isoforms and their crosstalks with PPARÎ± and RXRÎ±. Laboratory Investigation, 2010, 90, 696-708.	3.7	74
45	Differential Regulation of Peroxisome Proliferator-Activated Receptor (PPAR)-Î±1 and Truncated PPARÎ±2 as an Adaptive Response to Fasting in the Control of Hepatic Peroxisomal Fatty Acid Î²-Oxidation in the Hibernating Mammal. Endocrinology, 2009, 150, 1192-1201.	2.8	26
46	Peroxisomal and mitochondrial status of two murine oligodendrocytic cell lines (158N, 158JP): potential models for the study of peroxisomal disorders associated with dysmyelination processes. Journal of Neurochemistry, 2009, 111, 119-131.	3.9	41
47	Verdoheme formation in Proteus mirabilis catalase. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 741-753.	2.4	7
48	Immunoaffinity purification and characterization of mitochondrial membrane-bound D-3-hydroxybutyrate dehydrogenase from Jaculus orientalis. BMC Biochemistry, 2008, 9, 26.	4.4	3
49	Biochemical characterization of two functional human liver acyl-CoA oxidase isoforms 1a and 1b encoded by a single gene. Biochemical and Biophysical Research Communications, 2007, 360, 314-319.	2.1	61
50	Structural studies ofProteus mirabiliscatalase in its ground state, oxidized state and in complex with formic acid. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 2163-2168.	2.5	13
51	High-resolution structure and biochemical properties of a recombinant Proteus mirabilis catalase depleted in iron. Proteins: Structure, Function and Bioinformatics, 2002, 50, 261-271.	2.6	25
52	Ligand diffusion in the catalase fromProteus mirabilis: A molecular dynamics study. Protein Science, 2001, 10, 1927-1935.	7.6	50
53	Formation of a Tyrosyl Radical Intermediate inProteus mirabilisCatalase by Directed Mutagenesis and Consequences for Nucleotide Reactivityâ€. Biochemistry, 2001, 40, 13734-13743.	2.5	21
54	Comparison of the PR mutant with the wild-type strain ofProteus mirabilisbrings insight into peroxide resistance factors and regulation of catalase expression. Canadian Journal of Microbiology, 2001, 47, 130-138.	1.7	3

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55	Structural analysis of compound I in hemoproteins: Study on Proteus mirabilis catalase. Biochimie, 1997, 79, 667-671.	2.6	23
56	Ferryl intermediates of catalase captured by time-resolved Weissenberg crystallography and UV-VIS spectroscopy. Nature Structural Biology, 1996, 3, 951-956.	9.7	74