

P Andreoletti

List of Publications by Year in descending order

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Version: 2024-02-01

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	Nopal Cactus (<i>Opuntia ficus-indica</i>) as a Source of Bioactive Compounds for Nutrition, Health and Disease. <i>Molecules</i> , 2014, 19, 14879-14901.	3.8	294
2	Evidence of oxidative stress in very long chain fatty acid treated oligodendrocytes and potentialization of ROS production using RNA interference-directed knockdown of ABCD1 and ACOX1 peroxisomal proteins. <i>Neuroscience</i> , 2012, 213, 1-18.	2.3	99
3	Fatty Acids - Induced Lipotoxicity and Inflammation. <i>Current Drug Metabolism</i> , 2012, 13, 1358-1370.	1.2	88
4	Peroxisomes in Immune Response and Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3877.	4.1	82
5	Ferryl intermediates of catalase captured by time-resolved Weissenberg crystallography and UV-VIS spectroscopy. <i>Nature Structural Biology</i> , 1996, 3, 951-956.	9.7	74
6	Functional significance of the two ACOX1 isoforms and their crosstalks with PPAR α and RXR α . <i>Laboratory Investigation</i> , 2010, 90, 696-708.	3.7	74
7	Mechanisms Mediating the Regulation of Peroxisomal Fatty Acid Beta-Oxidation by PPAR α . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8969.	4.1	63
8	Biochemical characterization of two functional human liver acyl-CoA oxidase isoforms 1a and 1b encoded by a single gene. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 314-319.	2.1	61
9	Hepatic Steatosis and Peroxisomal Fatty Acid Beta-oxidation. <i>Current Drug Metabolism</i> , 2012, 13, 1412-1421.	1.2	55
10	Ligand diffusion in the catalase from <i>Proteus mirabilis</i> : A molecular dynamics study. <i>Protein Science</i> , 2001, 10, 1927-1935.	7.6	50
11	Biological activities of Schottenol and Spinasterol, two natural phytosterols present in argan oil and in cactus pear seed oil, on murine microglial BV2 cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 798-804.	2.1	50
12	Protective Effect of Argan and Olive Oils against LPS-Induced Oxidative Stress and Inflammation in Mice Livers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2181.	4.1	45
13	Attenuation of 7-ketocholesterol- and 7 β -hydroxycholesterol-induced oxiaoptophagy by nutrients, synthetic molecules and oils: Potential for the prevention of age-related diseases. <i>Ageing Research Reviews</i> , 2021, 68, 101324.	10.9	45
14	Peroxisomal and mitochondrial status of two murine oligodendrocytic cell lines (158N, 158JP): potential models for the study of peroxisomal disorders associated with dysmyelination processes. <i>Journal of Neurochemistry</i> , 2009, 111, 119-131.	3.9	41
15	Mitochondrial Dysfunction and Lipid Homeostasis. <i>Current Drug Metabolism</i> , 2012, 13, 1388-1400.	1.2	39
16	Attenuation of 7-ketocholesterol-induced overproduction of reactive oxygen species, apoptosis, and autophagy by dimethyl fumarate on 158 N murine oligodendrocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 29-38.	2.5	39
17	The Inflammatory Response in Acyl-CoA Oxidase 1 Deficiency (Pseudoneonatal Adrenoleukodystrophy). <i>Endocrinology</i> , 2012, 153, 2568-2575.	2.8	37
18	Incidence of Abcd1 level on the induction of cell death and organelle dysfunctions triggered by very long chain fatty acids and TNF α on oligodendrocytes and astrocytes. <i>NeuroToxicology</i> , 2012, 33, 212-228.	3.0	36

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19	The human peroxisome in health and disease: The story of an oddity becoming a vital organelle. <i>Biochimie</i> , 2014, 98, 4-15.	2.6	36
20	Cytoprotective and antioxidant properties of organic selenides for the myelin-forming cells, oligodendrocytes. <i>Bioorganic Chemistry</i> , 2018, 80, 43-56.	4.1	35
21	How efficient is resveratrol as an antioxidant of the Mediterranean diet, towards alterations during the aging process?. <i>Free Radical Research</i> , 2019, 53, 1101-1112.	3.3	34
22	A microglial cell model for acyl-CoA oxidase 1 deficiency. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 567-576.	2.4	32
23	Chemical and phytochemical characterizations of argan oil (<i>Argania spinosa</i> L. skeels), olive oil (<i>Olea</i>) Tj ETQq1 1 0.784314 rgBT /Ove cladode essential oil. <i>Journal of Food Measurement and Characterization</i> , 2018, 12, 747-754.	3.2	30
24	Diacylglycerol-containing oleic acid induces increases in $[Ca^{2+}]_i$ via TRPC3/6 channels in human T-cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 618-626.	2.4	29
25	Differential Regulation of Peroxisome Proliferator-Activated Receptor (PPAR)- α 1 and Truncated PPAR α 2 as an Adaptive Response to Fasting in the Control of Hepatic Peroxisomal Fatty Acid β -Oxidation in the Hibernating Mammal. <i>Endocrinology</i> , 2009, 150, 1192-1201.	2.8	26
26	High-resolution structure and biochemical properties of a recombinant <i>Proteus mirabilis</i> catalase depleted in iron. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 50, 261-271.	2.6	25
27	Electrochemical probe for the monitoring of DNA-protein interactions. <i>Biosensors and Bioelectronics</i> , 2010, 25, 2598-2602.	10.1	25
28	Structural analysis of compound I in hemoproteins: Study on <i>Proteus mirabilis</i> catalase. <i>Biochimie</i> , 1997, 79, 667-671.	2.6	23
29	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. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	4.0	23
30	Formation of a Tyrosyl Radical Intermediate in <i>Proteus mirabilis</i> Catalase by Directed Mutagenesis and Consequences for Nucleotide Reactivity. <i>Biochemistry</i> , 2001, 40, 13734-13743.	2.5	21
31	Prophylaxis of Non-communicable Diseases: Why Fruits and Vegetables may be Better Chemopreventive Agents than Dietary Supplements Based on Isolated Phytochemicals?. <i>Current Pharmaceutical Design</i> , 2019, 25, 1847-1860.	1.9	21
32	Mitochondrial dysfunction, oxidative stress and apoptotic induction in microglial BV-2 cells treated with sodium arsenate. <i>Journal of Environmental Sciences</i> , 2017, 51, 44-51.	6.1	19
33	Argan oil prevents down-regulation induced by endotoxin on liver fatty acid oxidation and gluconeogenesis and on peroxisome proliferator-activated receptor gamma coactivator-1 α , (PGC-1 α), peroxisome proliferator-activated receptor α (PPAR α) and estrogen related receptor α (ERR α). <i>Biochimie Open</i> , 2015, 1, 51-59.	3.2	18
34	Cytoprotective organoselenium compounds for oligodendrocytes. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103051.	4.9	17
35	Sox17 Regulates Liver Lipid Metabolism and Adaptation to Fasting. <i>PLoS ONE</i> , 2014, 9, e104925.	2.5	15
36	Evidence of biological activity of <i>Mentha</i> species extracts on apoptotic and autophagic targets on murine RAW264.7 and human U937 monocytic cells. <i>Pharmaceutical Biology</i> , 2017, 55, 286-293.	2.9	14

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37	Predictive Structure and Topology of Peroxisomal ATP-Binding Cassette (ABC) Transporters. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1593.	4.1	14
38	Structural studies of <i>Proteus mirabilis</i> catalase in its ground state, oxidized state and in complex with formic acid. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 2163-2168.	2.5	13
39	LXR antagonists induce ABCD2 expression. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 259-266.	2.4	12
40	Potential Involvement of Peroxisome in Multiple Sclerosis and Alzheimer's Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1299, 91-104.	1.6	10
41	Flow Cytometric Analysis of the Expression Pattern of Peroxisomal Proteins, Abcd1, Abcd2, and Abcd3 in BV-2 Murine Microglial Cells. <i>Methods in Molecular Biology</i> , 2017, 1595, 257-265.	0.9	9
42	Protective Effect of Cactus Cladode Extracts on Peroxisomal Functions in Microglial BV-2 Cells Activated by Different Lipopolysaccharides. <i>Molecules</i> , 2017, 22, 102.	3.8	9
43	Modulation of peroxisomes abundance by argan oil and lipopolysaccharides in acyl-CoA oxidase 1-deficient fibroblasts. <i>Health</i> , 2013, 05, 62-69.	0.3	9
44	Protective effects of milk thistle (<i>Silybum marianum</i>) seed oil and α -tocopherol against γ -hydroxycholesterol-induced peroxisomal alterations in murine C2C12 myoblasts: Nutritional insights associated with the concept of pexotherapy. <i>Steroids</i> , 2022, 183, 109032.	1.8	9
45	<i>Artemisia dracunculus</i> L. essential oil phytochemical components trigger the activity of cellular antioxidant enzymes. <i>Journal of Food Biochemistry</i> , 2021, 45, e13691.	2.9	8
46	Verdoheme formation in <i>Proteus mirabilis</i> catalase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 741-753.	2.4	7
47	Evidence of hormesis on human neuronal SK-N-BE cells treated with sodium arsenate: impact at the mitochondrial level. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8441-8452.	5.3	7
48	Induction by arsenate of cell-type-specific cytotoxic effects in nerve and hepatoma cells. <i>Human and Experimental Toxicology</i> , 2017, 36, 1256-1269.	2.2	6
49	Structural and Catalytic Properties of the D-3-Hydroxybutyrate Dehydrogenase from <i>Pseudomonas aeruginosa</i> . <i>Current Microbiology</i> , 2010, 61, 7-12.	2.2	5
50	Personalized nutrition in ageing society: redox control of major-age related diseases through the NutRedOx Network (COST Action CA16112). <i>Free Radical Research</i> , 2019, 53, 1163-1170.	3.3	5
51	Effects of a Short-Term Lipopolysaccharides Challenge on Mouse Brain and Liver Peroxisomal Antioxidant and β -oxidative Functions: Protective Action of Argan Oil. <i>Pharmaceuticals</i> , 2022, 15, 465.	3.8	4
52	Comparison of the PR mutant with the wild-type strain of <i>Proteus mirabilis</i> brings insight into peroxide resistance factors and regulation of catalase expression. <i>Canadian Journal of Microbiology</i> , 2001, 47, 130-138.	1.7	3
53	Immunoaffinity purification and characterization of mitochondrial membrane-bound D-3-hydroxybutyrate dehydrogenase from <i>Jaculus orientalis</i> . <i>BMC Biochemistry</i> , 2008, 9, 26.	4.4	3
54	Cytoprotective and Antioxidants in Peroxisomal Neurodegenerative Diseases. <i>Proceedings (mdpi)</i> , 2019, 11, 33.	0.2	2

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55	Essential Oils of Basil Cultivars Selectively Affect the Activity of Antioxidant Enzymes in Murine Glial Cells. <i>Current Nutraceuticals</i> , 2022, 3, 68-76.	0.1	2
56	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. <i>Liver Transplantation</i> , 2021, 27, 997-1006.	2.4	0