

List of Publications by Year in descending order

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163
papers

11,348
citations

53794

45
h-index

30922

102
g-index

168
all docs

168
docs citations

168
times ranked

20609
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	NAD(P)H Oxidase Nox-4 Mediates 7-Ketocholesterol-Induced Endoplasmic Reticulum Stress and Apoptosis in Human Aortic Smooth Muscle Cells. <i>Molecular and Cellular Biology</i> , 2004, 24, 10703-10717.	2.3	388
3	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
4	Cytotoxic effects of oxysterols associated with human diseases: Induction of cell death (apoptosis) <i>Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50</i> <i>Medicine</i> , 2009, 30, 153-170.	6.4	242
5	Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis. <i>Cytometry</i> , 1995, 21, 275-283.	1.8	205
6	Glutathione is implied in the control of 7-ketocholesterol-induced apoptosis, which is associated with radical oxygen species production. <i>FASEB Journal</i> , 1998, 12, 1651-1663.	0.5	192
7	Involvement of oxysterols in age-related diseases and ageing processes. <i>Ageing Research Reviews</i> , 2014, 18, 148-162.	10.9	164
8	Impairment with various antioxidants of the loss of mitochondrial transmembrane potential and of the cytosolic release of cytochrome c occurring during 7-ketocholesterol-induced apoptosis. <i>Free Radical Biology and Medicine</i> , 2000, 28, 743-753.	2.9	126
9	Effects of resveratrol analogs on cell cycle progression, cell cycle associated proteins and 5-fluorouracil sensitivity in human derived colon cancer cells. <i>International Journal of Cancer</i> , 2009, 124, 2780-2788.	5.1	122
10	Lipid Biomarkers in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 303-312.	1.4	117
11	Different patterns of IL-1 β secretion, adhesion molecule expression and apoptosis induction in human endothelial cells treated with 7 β -hydroxycholesterol, or 7-ketocholesterol. <i>FEBS Letters</i> , 1998, 440, 434-439.	2.8	111
12	Analysis of oxidative processes and of myelin figures formation before and after the loss of mitochondrial transmembrane potential during 7 β -hydroxycholesterol and 7-ketocholesterol-induced apoptosis: comparison with various pro-apoptotic chemicals. <i>Biochemical Pharmacology</i> , 2002, 64, 527-541.	4.4	110
13	Resveratrol in Human Hepatoma HepG2 Cells: Metabolism and Inducibility of Detoxifying Enzymes. <i>Drug Metabolism and Disposition</i> , 2007, 35, 699-703.	3.3	106
14	Contribution of cholesterol and oxysterols to the pathophysiology of Parkinson's disease. <i>Free Radical Biology and Medicine</i> , 2016, 101, 393-400.	2.9	106
15	Dihydroxyphenylethanol induces apoptosis by activating serine/threonine protein phosphatase PP2A and promotes the endoplasmic reticulum stress response in human colon carcinoma cells. <i>Carcinogenesis</i> , 2006, 27, 1812-1827.	2.8	101
16	Multiplexed flow cytometric analyses of pro- and anti-inflammatory cytokines in the culture media of oxysterol-treated human monocytic cells and in the sera of atherosclerotic patients. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006, 69A, 359-373.	1.5	100
17	Effects of oxysterols on cell viability, inflammatory cytokines, VEGF, and reactive oxygen species production on human retinal cells: cytoprotective effects and prevention of VEGF secretion by resveratrol. <i>European Journal of Nutrition</i> , 2010, 49, 435-446.	3.9	100
18	Induction of oxiaapoptophagy on 158N murine oligodendrocytes treated by 7-ketocholesterol, 7 β -hydroxycholesterol-, or 24(S)-hydroxycholesterol: Protective effects of α -tocopherol and docosahexaenoic acid (DHA; C22:6 n-3). <i>Steroids</i> , 2015, 99, 194-203.	1.8	90

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19	Fatty Acids - Induced Lipotoxicity and Inflammation. <i>Current Drug Metabolism</i> , 2012, 13, 1358-1370.	1.2	88
20	7-Ketocholesterol-induced apoptosis. <i>FEBS Journal</i> , 2005, 272, 3093-3104.	4.7	87
21	Inhibitory effects of <i>trans</i> -resveratrol analogs molecules on the proliferation and the cell cycle progression of human colon tumoral cells. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 538-548.	3.3	86
22	Phospholipidosis and down-regulation of the PI3-K/PDK-1/Akt signalling pathway are vitamin E inhibitable events associated with 7-ketocholesterol-induced apoptosis. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 45-61.	4.2	86
23	Endocytosis of Resveratrol via Lipid Rafts and Activation of Downstream Signaling Pathways in Cancer Cells. <i>Cancer Prevention Research</i> , 2011, 4, 1095-1106.	1.5	86
24	Potential Roles of Peroxisomes in Alzheimer's Disease and in Dementia of the Alzheimer's Type. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 241-254.	2.6	86
25	Induction of oxipoptophagy, a mixed mode of cell death associated with oxidative stress, apoptosis and autophagy, on 7-ketocholesterol-treated 158N murine oligodendrocytes: Impairment by α -tocopherol. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 714-719.	2.1	85
26	Antiproliferative activities of resveratrol and related compounds in human hepatocyte derived HepG2 cells are associated with biochemical cell disturbance revealed by fluorescence analyses. <i>Biochimie</i> , 2008, 90, 1674-1684.	2.6	82
27	Peroxisomes in Immune Response and Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3877.	4.1	82
28	Impairment of the cytotoxic and oxidative activities of 7 β -hydroxycholesterol and 7-ketocholesterol by esterification with oleate. <i>Biochemical and Biophysical Research Communications</i> , 2003, 303, 814-824.	2.1	81
29	Induction of apoptosis and of interleukin-1 β secretion by 7 β -hydroxycholesterol and 7-ketocholesterol: partial inhibition by Bcl-2 overexpression. <i>FEBS Letters</i> , 1997, 419, 276-280.	2.8	72
30	Oxysterols Induced Inflammation and Oxidation in Primary Porcine Retinal Pigment Epithelial Cells. <i>Current Eye Research</i> , 2007, 32, 271-280.	1.5	68
31	7-Ketocholesterol is increased in the plasma of X-ALD patients and induces peroxisomal modifications in microglial cells: Potential roles of 7-ketocholesterol in the pathophysiology of X-ALD. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 123-136.	2.5	67
32	Absence of correlation between oxysterol accumulation in lipid raft microdomains, calcium increase, and apoptosis induction on 158N murine oligodendrocytes. <i>Biochemical Pharmacology</i> , 2013, 86, 67-79.	4.4	65
33	Profile of Fatty Acids, Tocopherols, Phytosterols and Polyphenols in Mediterranean Oils (Argan Oils,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 67 Tc Cytoprotective Activities. <i>Current Pharmaceutical Design</i> , 2019, 25, 1791-1805.	1.9	64
34	Induction of Mitochondrial Changes Associated with Oxidative Stress on Very Long Chain Fatty Acids (C22:0, C24:0, or C26:0)-Treated Human Neuronal Cells (SK-NB-E). <i>Oxidative Medicine and Cellular Longevity</i> , 2012, 2012, 1-15.	4.0	62
35	Induction of similar features of apoptosis in human and bovine vascular endothelial cells treated by 7-ketocholesterol. <i>Journal of Pathology</i> , 1997, 183, 330-338.	4.5	61
36	Comparison of the effects of major fatty acids present in the Mediterranean diet (oleic acid,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Tc oxipoptophagy in microglial BV-2 cells. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 151-170.	3.2	58

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37	Activation of caspase-3-dependent and -independent pathways during 7-ketocholesterol- and 7 β -hydroxycholesterol-induced cell death: A morphological and biochemical study. <i>Journal of Biochemical and Molecular Toxicology</i> , 2005, 19, 311-326.	3.0	56
38	Protective Effects of α -Tocopherol, β -Tocopherol and Oleic Acid, Three Compounds of Olive Oils, and No Effect of Trolox, on 7-Ketocholesterol-Induced Mitochondrial and Peroxisomal Dysfunction in Microglial BV-2 Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1973.	4.1	54
39	Oxiapoptophagy: A type of cell death induced by some oxysterols. <i>British Journal of Pharmacology</i> , 2021, 178, 3115-3123.	5.4	54
40	Flow cytometric investigation of neutrophil oxidative burst and apoptosis in physiological and pathological situations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 475-481.	1.5	53
41	Biomarkers of Amyotrophic Lateral Sclerosis: Current Status and Interest of Oxysterols and Phytosterols. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 12.	2.9	51
42	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
43	7 β -Hydroxycholesterol and 25-hydroxycholesterol-induced interleukin-8 secretion involves a calcium-dependent activation of c-fos via the ERK1/2 signaling pathway in THP-1 cells. <i>Cell Biology and Toxicology</i> , 2009, 25, 127-139.	5.3	48
44	Mitochondrial dysfunctions in 7-ketocholesterol-treated 158N oligodendrocytes without or with α -tocopherol: Impacts on the cellular profile of tricarboxylic cycle-associated organic acids, long chain saturated and unsaturated fatty acids, oxysterols, cholesterol and cholesterol precursors. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 169, 96-110.	2.5	48
45	7-Ketocholesterol and 7 β -hydroxycholesterol: In vitro and animal models used to characterize their activities and to identify molecules preventing their toxicity. <i>Biochemical Pharmacology</i> , 2020, 173, 113648.	4.4	48
46	Glycogen synthase kinase 3 involvement in the excessive proinflammatory response to LPS in patients with decompensated cirrhosis. <i>Journal of Hepatology</i> , 2011, 55, 784-793.	3.7	47
47	Fatty Acid Profiles in Demented Patients: Identification of Hexacosanoic Acid (C26:0) as a Blood Lipid Biomarker of Dementia. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 1349-1359.	2.6	47
48	Prevention by Dietary Polyphenols (Resveratrol, Quercetin, Apigenin) Against 7-Ketocholesterol-Induced Oxiapoptophagy in Neuronal N2a Cells: Potential Interest for the Treatment of Neurodegenerative and Age-Related Diseases. <i>Cells</i> , 2020, 9, 2346.	4.1	46
49	Apoptosis without decrease of cell DNA content. <i>FEBS Letters</i> , 1995, 367, 188-192.	2.8	44
50	7-Ketocholesterol favors lipid accumulation and colocalizes with Nile Red positive cytoplasmic structures formed during 7-ketocholesterol-induced apoptosis: Analysis by flow cytometry, FRET biphoton spectral imaging microscopy, and subcellular fractionation. <i>Journal of Lipid Research</i> , 2005, 46, 87-100.		44
51	α -Tocopherol impairs 7-ketocholesterol-induced caspase-3-dependent apoptosis involving GSK-3 activation and Mcl-1 degradation on 158N murine oligodendrocytes. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 469-478.	3.2	44
52	Pro-apoptotic versus anti-apoptotic properties of dietary resveratrol on tumoral and normal cardiac cells. <i>Genes and Nutrition</i> , 2011, 6, 161-169.	2.5	43
53	A moderate red wine intake improves blood lipid parameters and erythrocytes membrane fluidity in post myocardial infarct patients. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 345-351.	3.3	42
54	Prevention of 7-ketocholesterol-induced side effects by natural compounds. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 3179-3198.	10.3	42

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55	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
56	Tunisian Milk Thistle: An Investigation of the Chemical Composition and the Characterization of Its Cold-Pressed Seed Oils. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2582.	4.1	41
57	In situ hybridization detection of single-copy human papillomavirus on isolated cells, using a catalyzed signal amplification system: Genpoint?. <i>Diagnostic Cytopathology</i> , 2001, 24, 112-116.	1.0	39
58	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
59	Phase I study of OM-174, a lipid A analogue, with assessment of immunological response, in patients with refractory solid tumors. <i>BMC Cancer</i> , 2013, 13, 172.	2.6	38
60	Argan Oil-Mediated Attenuation of Organelle Dysfunction, Oxidative Stress and Cell Death Induced by 7-Ketocholesterol in Murine Oligodendrocytes 158N. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2220.	4.1	37
61	Induction of peroxisomal changes in oligodendrocytes treated with 7-ketocholesterol: Attenuation by Î±-tocopherol. <i>Biochimie</i> , 2018, 153, 181-202.	2.6	37
62	Comparison of chemical composition and biological activities of Algerian seed oils of <i>Pistacia lentiscus</i> L., <i>Opuntia ficus indica</i> (L.) mill. and <i>Argania spinosa</i> L. Skeels. <i>Industrial Crops and Products</i> , 2020, 151, 112456.	5.2	37
63	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. <i>NeuroToxicology</i> , 2012, 33, 212-228.	3.0	36
64	Induction of Neuronal Differentiation of Murine N2a Cells by Two Polyphenols Present in the Mediterranean Diet Mimicking Neurotrophins Activities: Resveratrol and Apigenin. <i>Diseases (Basel)</i> , 2021, 11, 101.	2.5	35
65	Effects of cholesterol oxides on cell death induction and calcium increase in human neuronal cells (SK-N-BE) and evaluation of the protective effects of docosahexaenoic acid (DHA; C22:6 n-3). <i>Steroids</i> , 2015, 99, 238-247.	1.8	34
66	Impact of Oxysterols on Cell Death, Proliferation, and Differentiation Induction: Current Status. <i>Cells</i> , 2021, 10, 2301.	4.1	32
67	Cyclosporin A and FK506 Inhibit Activation-Induced Cell Death in the Murine WEHI-231 B Cell Line. <i>Cellular Immunology</i> , 1994, 155, 283-291.	3.0	31
68	Microglial cells (BV-2) internalize titanium dioxide (TiO2) nanoparticles: toxicity and cellular responses. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9690-9699.	5.3	31
69	Cytotoxic oxysterols induce caspase-independent myelin figure formation and caspase-dependent polar lipid accumulation. <i>Histochemistry and Cell Biology</i> , 2007, 127, 609-624.	1.7	29
70	Contribution of Cholesterol and Oxysterols in the Physiopathology of Cataract: Implication for the Development of Pharmacological Treatments. <i>Journal of Ophthalmology</i> , 2011, 2011, 1-6.	1.3	29
71	Biotin attenuation of oxidative stress, mitochondrial dysfunction, lipid metabolism alteration and 7Î²-hydroxycholesterol-induced cell death in 158N murine oligodendrocytes. <i>Free Radical Research</i> , 2019, 53, 535-561.	3.3	29
72	Polyphenols of the Mediterranean Diet and Their Metabolites in the Prevention of Colorectal Cancer. <i>Molecules</i> , 2021, 26, 3483.	3.8	29

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73	Iron nanoparticles increase 7-ketocholesterol-induced cell death, inflammation, and oxidation on murine cardiac HL1-NB cells. <i>International Journal of Nanomedicine</i> , 2010, 5, 185.	6.7	28
74	Evaluation of Antioxidant, Anti-Inflammatory and Cytoprotective Properties of Ethanol Mint Extracts from Algeria on 7-Ketocholesterol-Treated Murine RAW 264.7 Macrophages. <i>Antioxidants</i> , 2018, 7, 184.	5.1	28
75	Association Between Oxidative Stress and Altered Cholesterol Metabolism in Alzheimer's Disease Patients. <i>Current Alzheimer Research</i> , 2021, 17, 823-834.	1.4	28
76	Saffron (<i>Crocus sativus</i> L.): A Source of Nutrients for Health and for the Treatment of Neuropsychiatric and Age-Related Diseases. <i>Nutrients</i> , 2022, 14, 597.	4.1	28
77	Early Mitochondrial Dysfunction, Superoxide Anion Production, and DNA Degradation Are Associated with Non-Apoptotic Death of Human Airway Epithelial Cells Induced by <i>Pseudomonas aeruginosa</i> Exotoxin A. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 26, 617-626.	2.9	27
78	Chronology of cellular alterations during 7-ketocholesterol-induced cell death on A7R5 rat smooth muscle cells: Analysis by time lapse-video microscopy and conventional fluorescence microscopy. , 2003, 52A, 57-69.		26
79	Prediction of response to disease modifying antirheumatic drugs in rheumatoid arthritis. <i>Joint Bone Spine</i> , 2010, 77, 558-563.	1.6	26
80	Improved synthesis and in vitro evaluation of the cytotoxic profile of oxysterols oxidized at C4 (4 β - and 4 α -) in the nervous system. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 558-567.	5.5	26
81	Absence of Oxysterol-like Side Effects in Human Monocytic Cells Treated with Phytosterols and Oxyphytosterols. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 4060-4066.	5.2	25
82	Dimethyl fumarate and monomethyl fumarate attenuate oxidative stress and mitochondrial alterations leading to oxiaapoptophagy in 158N murine oligodendrocytes treated with 7 β -hydroxycholesterol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105432.	2.5	24
83	7-Ketocholesterol: Effects on viral infections and hypothetical contribution in COVID-19. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 212, 105939.	2.5	24
84	Efficiency of homocysteine plus copper in inducing apoptosis is inversely proportional to β -glutamyl transpeptidase activity. <i>FASEB Journal</i> , 2001, 15, 1927-1940.	0.5	23
85	Impact of 7 β -ketocholesterol and very long chain fatty acids on oligodendrocyte lipid membrane organization: Evaluation via LAURDAN and FAMIS spectral image analysis. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2011, 79A, 293-305.	1.5	23
86	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
87	Localisation of oxysterols at the sub-cellular level and in biological fluids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 193, 105426.	2.5	23
88	Protective function of autophagy during VLCFA-induced cytotoxicity in a neurodegenerative cell model. <i>Free Radical Biology and Medicine</i> , 2019, 137, 46-58.	2.9	23
89	Prevention of 7-Ketocholesterol-Induced Overproduction of Reactive Oxygen Species, Mitochondrial Dysfunction and Cell Death with Major Nutrients (Polyphenols, ω 3 and ω 9 Unsaturated Fatty Acids) of the Mediterranean Diet on N2a Neuronal Cells. <i>Molecules</i> , 2020, 25, 2296.	3.8	23
90	Biological activities of the LXRI \pm and I 2 agonist, 4 β -hydroxycholesterol, and of its isomer, 4 α -hydroxycholesterol, on oligodendrocytes: Effects on cell growth and viability, oxidative and inflammatory status. <i>Biochimie</i> , 2013, 95, 518-530.	2.6	22

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91	Flavonoids differentially modulate liver X receptors activityâ€”Structure-function relationship analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 173-182.	2.5	22
92	Aza- and Azo-Stilbenes: Bio-Isosteric Analogs of Resveratrol. <i>Molecules</i> , 2020, 25, 605.	3.8	22
93	An expeditious synthesis of spinasterol and schottenol, two phytosterols present in argan oil and in cactus pear seed oil, and evaluation of their biological activities on cells of the central nervous system. <i>Steroids</i> , 2015, 99, 119-124.	1.8	21
94	Cytoprotective Activities of Milk Thistle Seed Oil Used in Traditional Tunisian Medicine on 7-Ketocholesterol and 24S-Hydroxycholesterol-Induced Toxicity on 158N Murine Oligodendrocytes. <i>Antioxidants</i> , 2018, 7, 95.	5.1	21
95	Elaboration of Trans-Resveratrol Derivative-Loaded Superparamagnetic Iron Oxide Nanoparticles for Glioma Treatment. <i>Nanomaterials</i> , 2019, 9, 287.	4.1	20
96	The impairment of endothelium-dependent arterial relaxation by 7-ketocholesterol is associated with an early activation of protein kinase C. <i>British Journal of Pharmacology</i> , 2002, 137, 655-662.	5.4	19
97	Effects of caspase inhibitors (z-VAD-fmk, z-VDVAD-fmk) on Nile Red fluorescence pattern in 7-ketocholesterol-treated cells: Investigation by flow cytometry and spectral imaging microscopy. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 550-562.	1.5	19
98	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
99	The effect of oxysterols on nerve impulses. <i>Biochimie</i> , 2018, 153, 46-51.	2.6	19
100	Octadecaneuropeptide (ODN) Induces N2a Cells Differentiation through a PKA/PLC/PKC/MEK/ERK-Dependent Pathway: Incidence on Peroxisome, Mitochondria, and Lipid Profiles. <i>Molecules</i> , 2019, 24, 3310.	3.8	19
101	Flow cytometry analyses and bioinformatics: Interest in new softwares to optimize novel technologies and to favor the emergence of innovative concepts in cell research. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2007, 71A, 646-647.	1.5	18
102	Argan oil prevents down-regulation induced by endotoxin on liver fatty acid oxidation and gluconeogenesis and on peroxisome proliferator-activated receptor gamma coactivator-1 β , (PGC-1 β), peroxisome proliferator-activated receptor β (PPAR β) and estrogen related receptor β (ERR β). <i>Biochimie Open</i> , 2015, 1, 51-59.	3.2	18
103	Evidence of K ⁺ homeostasis disruption in cellular dysfunction triggered by 7-ketocholesterol, 24S-hydroxycholesterol, and tetracosanoic acid (C24:0) in 158N murine oligodendrocytes. <i>Chemistry and Physics of Lipids</i> , 2017, 207, 135-150.	3.2	18
104	Activation of a Caspase-3-Independent Mode of Cell Death Associated with Lysosomal Destabilization in Cultured Human Retinal Pigment Epithelial Cells (ARPE-19) Exposed to 7 β -Hydroxycholesterol. <i>Current Eye Research</i> , 2008, 33, 769-781.	1.5	17
105	A moderate red wine intake improves blood lipid parameters and erythrocytes membrane fluidity in post myocardial infarct patients. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 345-351.	3.3	17
106	Laser scanning confocal microscopy and factor analysis of biomedical image sequences (FAMIS) to detect and characterise HPV DNA sequences by FISH in HeLa cells. <i>Cytometry</i> , 1997, 28, 269-279.	1.8	16
107	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
108	Sources of 7-ketocholesterol, metabolism and inactivation strategies: food and biomedical applications. , 2022, 2022, R40-R56.		14

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109	A clinic-biological score for diagnosing early-onset neonatal infection in critically ill preterm infants*. <i>Pediatric Critical Care Medicine</i> , 2011, 12, 203-209.	0.5	13
110	Antioxidant Properties and Cytoprotective Effect of Pistacia lentiscus L. Seed Oil against 7 β -Hydroxycholesterol-Induced Toxicity in C2C12 Myoblasts: Reduction in Oxidative Stress, Mitochondrial and Peroxisomal Dysfunctions and Attenuation of Cell Death. <i>Antioxidants</i> , 2021, 10, 1772.	5.1	13
111	Oxysterols and multiple sclerosis: Physiopathology, evolutive biomarkers and therapeutic strategy. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 210, 105870.	2.5	12
112	7-Ketocholesterol- and 7 β -Hydroxycholesterol-Induced Peroxisomal Disorders in Glial, Microglial and Neuronal Cells: Potential Role in Neurodegeneration. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1299, 31-41.	1.6	12
113	Regulation of the adrenoleukodystrophy-related gene (ABCD2): Focus on oxysterols and LXR antagonists. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 651-655.	2.1	11
114	Dual effect of docosahexaenoic acid (attenuation or amplification) on C22:0-, C24:0-, and C26:0-Induced mitochondrial dysfunctions and oxidative stress on human neuronal SK-N-BE cells. <i>Journal of Nutrition, Health and Aging</i> , 2015, 19, 198-205.	3.3	11
115	Identification of long and very long chain fatty acids, plasmalogen-C16:0 and phytanic acid as new lipid biomarkers in Tunisian coronary artery disease patients. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 131, 49-58.	1.9	11
116	Lipids Nutrients in Parkinson and Alzheimerâ€™s Diseases: Cell Death and Cytoprotection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2501.	4.1	11
117	Role of Diet and Nutrients in SARS-CoV-2 Infection: Incidence on Oxidative Stress, Inflammatory Status and Viral Production. <i>Nutrients</i> , 2022, 14, 2194.	4.1	11
118	Phytosterols: to be or not to be toxic; that is the question. <i>British Journal of Nutrition</i> , 2008, 100, 1150-1151.	2.3	10
119	Toxicological Risk Assessment of Emerging Nanomaterials: Cytotoxicity, Cellular Uptake, Effects on Biogenesis and Cell Organelle Activity, Acute Toxicity and Biodistribution of Oxide Nanoparticles. , 2018, , .		10
120	Docosahexaenoic Acid Attenuates Mitochondrial Alterations and Oxidative Stress Leading to Cell Death Induced by Very Long-Chain Fatty Acids in a Mouse Oligodendrocyte Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 641.	4.1	10
121	Potential Involvement of Peroxisome in Multiple Sclerosis and Alzheimerâ€™s Disease. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1299, 91-104.	1.6	10
122	CORRELATIONAL SELECTION ON PRO- AND ANTI-INFLAMMATORY EFFECTORS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3615-3623.	2.3	9
123	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
124	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
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