

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/636396/publications.pdf>

Version: 2024-02-01

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	Role of Bioactive Compounds in the Regulation of Mitochondrial Dysfunctions in Brain and Age-Related Neurodegenerative Diseases. <i>Cells</i> , 2022, 11, 257.	4.1	8
2	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
3	Whole and Purified Aqueous Extracts of <i>Nigella sativa</i> L. Seeds Attenuate Apoptosis and the Overproduction of Reactive Oxygen Species Triggered by p53 Over-Expression in the Yeast <i>Saccharomyces cerevisiae</i> . <i>Cells</i> , 2022, 11, 869.	4.1	1
4	Protective effects of milk thistle (<i>Silybum marianum</i>) seed oil and α -tocopherol against 7β -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
5	Celebrating the 10th anniversary of the creation of the European Network for Oxysterol Research (ENOR). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022, 221, 106114.	2.5	0
6	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
7	Sources of 7-ketocholesterol, metabolism and inactivation strategies: food and biomedical applications. , 2022, 2022, R40-R56.		14
8	Oxiapoptophagy: A type of cell death induced by some oxysterols. <i>British Journal of Pharmacology</i> , 2021, 178, 3115-3123.	5.4	54
9	Evidence of a non-apoptotic mode of cell death in microglial BV-2 cells exposed to different concentrations of zinc oxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 12500-12520.	5.3	7
10	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
11	Polyphenols of the Mediterranean Diet and Their Metabolites in the Prevention of Colorectal Cancer. <i>Molecules</i> , 2021, 26, 3483.	3.8	29
12	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
13	Impact of Oxysterols on Cell Death, Proliferation, and Differentiation Induction: Current Status. <i>Cells</i> , 2021, 10, 2301.	4.1	32
14	Involvement of Microglia in Neurodegenerative Diseases: Beneficial Effects of Docosahexaenoic Acid (DHA) Supplied by Food or Combined with Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10639.	4.1	8
15	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
16	European network for oxysterol research (ENOR): 10 th anniversary. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2021, 214, 105996.	2.5	4
17	Antioxidant Properties and Cytoprotective Effect of <i>Pistacia lentiscus</i> L. Seed Oil against 7β -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
18	7-Ketocholesterol and 7β -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

#	ARTICLE	IF	CITATIONS
19	Cytoprotective and Neurotrophic Effects of Octadecaneuropeptide (ODN) in in vitro and in vivo Models of Neurodegenerative Diseases. <i>Frontiers in Endocrinology</i> , 2020, 11, 566026.	3.5	5
20	Antioxidant and neuroprotective properties of Mediterranean oils: Argan oil, olive oil, and milk thistle seed oil. , 2020, , 143-154.		6
21	Prevention by Dietary Polyphenols (Resveratrol, Quercetin, Apigenin) Against 7-Ketocholesterol-Induced Oxidative Stress and Mitochondrial Dysfunction in Neuronal N2a Cells: Potential Interest for the Treatment of Neurodegenerative and Age-Related Diseases. <i>Cells</i> , 2020, 9, 2346.	4.1	46
22	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
23	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
24	Aza- and Azo-Stilbenes: Bio-Isosteric Analogs of Resveratrol. <i>Molecules</i> , 2020, 25, 605.	3.8	22
25	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. <i>Skeels. Industrial Crops and Products</i> , 2020, 151, 112456.	5.2	37
26	Lipids Nutrients in Parkinson and Alzheimer's Diseases: Cell Death and Cytoprotection. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2501.	4.1	11
27	7-Ketocholesterol- and 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
28	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
29	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
30	Peroxisomes in Immune Response and Inflammation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3877.	4.1	82
31	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
32	Dimethyl fumarate and monomethyl fumarate attenuate oxidative stress and mitochondrial alterations leading to oxipoptophagy in 158N murine oligodendrocytes treated with β -hydroxycholesterol. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 194, 105432.	2.5	24
33	Profile of Fatty Acids, Tocopherols, Phytosterols and Polyphenols in Mediterranean Oils (Argan Oils,) Tj ETQq1 1 0.784314 rgBT /Overbo Cytoprotective Activities. <i>Current Pharmaceutical Design</i> , 2019, 25, 1791-1805.	1.9	64
34	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
35	Biotin attenuation of oxidative stress, mitochondrial dysfunction, lipid metabolism alteration and β -hydroxycholesterol-induced cell death in 158N murine oligodendrocytes. <i>Free Radical Research</i> , 2019, 53, 535-561.	3.3	29
36	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

#	ARTICLE	IF	CITATIONS
37	Flavonoids differentially modulate liver X receptors activity – Structure-function relationship analysis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 190, 173-182.	2.5	22
38	Elaboration of Trans-Resveratrol Derivative-Loaded Superparamagnetic Iron Oxide Nanoparticles for Glioma Treatment. <i>Nanomaterials</i> , 2019, 9, 287.	4.1	20
39	Modulation of Kv3.1b potassium channel level and intracellular potassium concentration in 158N murine oligodendrocytes and BV-2 murine microglial cells treated with 7-ketocholesterol, 24S-hydroxycholesterol or tetracosanoic acid (C24:0). <i>Biochimie</i> , 2018, 153, 56-69.	2.6	9
40	The effect of oxysterols on nerve impulses. <i>Biochimie</i> , 2018, 153, 46-51.	2.6	19
41	Evaluation of Antioxidant, Anti-Inflammatory and Cytoprotective Properties of Ethanolic Mint Extracts from Algeria on 7-Ketocholesterol-Treated Murine RAW 264.7 Macrophages. <i>Antioxidants</i> , 2018, 7, 184.	5.1	28
42	Current trends in oxysterols & related sterols. <i>Biochimie</i> , 2018, 153, 1-2.	2.6	1
43	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
44	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> , 2018, 10, 10.	2.5	10
45	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
46	Induction of peroxisomal changes in oligodendrocytes treated with 7-ketocholesterol: Attenuation by α -tocopherol. <i>Biochimie</i> , 2018, 153, 181-202.	2.6	37
47	Toxicological Risk Assessment of Emerging Nanomaterials: Cytotoxicity, Cellular Uptake, Effects on Biogenesis and Cell Organelle Activity, Acute Toxicity and Biodistribution of Oxide Nanoparticles. <i>Journal of Nanoparticles</i> , 2018, 2018, 1-13.	2.5	10
48	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
49	Lipid Biomarkers in Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 303-312.	1.4	117
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	Comparison of the effects of major fatty acids present in the Mediterranean diet (oleic acid,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 oxiaptophagy in microglial BV-2 cells. Chemistry and Physics of Lipids, 2017, 207, 151-170.	3.2	58
56	Evidence of K ⁺ homeostasis disruption in cellular dysfunction triggered by 7-ketocholesterol, 24S-hydroxycholesterol, and tetracosanoic acid (C24:0) in 158N murine oligodendrocytes. Chemistry and Physics of Lipids, 2017, 207, 135-150.	3.2	18
57	Oxysterols: Players in different metabolic leagues. Journal of Steroid Biochemistry and Molecular Biology, 2017, 169, 1-3.	2.5	1
58	Evidence of biological activity of <i>Mentha</i> 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
59	Protecting group-free radical decarboxylation of bile acids: Synthesis of novel steroidal substituted maleic anhydrides and maleimides and evaluation of their cytotoxicity on C6 rat glioma cells. Steroids, 2017, 125, 124-130.	1.8	5
60	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. Prostaglandins and Other Lipid Mediators, 2017, 131, 49-58.	1.9	11
61	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
62	Argan Oil-Mediated Attenuation of Organelle Dysfunction, Oxidative Stress and Cell Death Induced by 7-Ketocholesterol in Murine Oligodendrocytes 158N. International Journal of Molecular Sciences, 2017, 18, 2220.	4.1	37
63	Tunisian Milk Thistle: An Investigation of the Chemical Composition and the Characterization of Its Cold-Pressed Seed Oils. International Journal of Molecular Sciences, 2017, 18, 2582.	4.1	41
64	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
65	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. International Journal of Molecular Sciences, 2016, 17, 1973.	4.1	54
66	Generation of oxysterols formed by free radicals and enzymes by electrochemical oxidation. European Journal of Lipid Science and Technology, 2016, 118, 135-136.	1.5	2
67	Contribution of cholesterol and oxysterols to the pathophysiology of Parkinson's disease. Free Radical Biology and Medicine, 2016, 101, 393-400.	2.9	106
68	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
69	Microglial cells (BV-2) internalize titanium dioxide (TiO ₂) nanoparticles: toxicity and cellular responses. Environmental Science and Pollution Research, 2016, 23, 9690-9699.	5.3	31
70	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
71	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). Biochimie Open, 2015, 1, 51-59.	3.2	18
72	DNA and neutral lipid contents of peripheral cells as predictive biomarkers of mild cognitive impairment and Alzheimer's disease: Highlights on the interest of a cytoomic approach for the characterization of dementia. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 3-4.	1.5	0

#	ARTICLE	IF	CITATIONS
73	Differential Alterations of Lipid Status and Lipid Metabolism, Induction of Oxidative Stress by Sodium Arsenate in Female Rat's Liver and Kidney. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 829-833.	0.2	3
74	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
75	Oxysterols and related sterols: Chemical, biochemical and biological aspects. <i>Steroids</i> , 2015, 99, 117-118.	1.8	1
76	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
77	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
78	Induction of oxiaoptophagy 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
79	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
80	Impact of C24:0 on actin-microtubule interaction in human neuronal SK-N-BE cells: evaluation by FRET confocal spectral imaging microscopy after dual staining with rhodamine-phalloidin and tubulin tracker green. <i>Functional Neurology</i> , 2015, 30, 33-46.	1.3	5
81	Highlight on transient activation of red/ox-dependent survival signals involving MEK/ERK and PI3/Akt signaling pathways in 27-hydroxycholesterol treated-U937 Human monocytic cells: Commentary on "Survival signaling elicited by 27-hydroxycholesterol through the combined modulation of cellular redox state and ERK/Akt phosphorylation," by Beyza Vurusaner et al.. <i>Free Radical Biology and Medicine</i> , 2014, 77, 286-287.	2.9	0
82	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
83	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
84	Induction of oxiaoptophagy, 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
85	Involvement of oxysterols in age-related diseases and ageing processes. <i>Ageing Research Reviews</i> , 2014, 18, 148-162.	10.9	164
86	Response to Letter to the Editor. <i>Journal of Toxicological Sciences</i> , 2014, 39, 683-684.	1.5	0
87	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
88	Cytokine and eicosanoid profiles of phosphate mine workers. <i>Journal of Toxicological Sciences</i> , 2014, 39, 465-474.	1.5	3
89	Oxysterols and related sterols in chemistry, biology and medicine: A dynamic European field of investigation. <i>Biochimie</i> , 2013, 95, 445-447.	2.6	4
90	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

#	ARTICLE	IF	CITATIONS
91	Improved synthesis and inÂvitro evaluation of the cytotoxic profile of oxysterols oxidized at C4 (4Î±- and) Tj ETQq1 1 0.784314 rgBT / OX / nervous system. European Journal of Medicinal Chemistry, 2013, 70, 558-567.	5.5	26
92	Biological activities of the LXRÎ± and Î² agonist, 4Î²-hydroxycholesterol, and of its isomer, 4Î±-hydroxycholesterol, on oligodendrocytes: Effects on cell growth and viability, oxidative and inflammatory status. Biochimie, 2013, 95, 518-530.	2.6	22
93	Absence of correlation between oxysterol accumulation in lipid raft microdomains, calcium increase, and apoptosis induction on 158N murine oligodendrocytes. Biochemical Pharmacology, 2013, 86, 67-79.	4.4	65
94	Modulation of peroxisomes abundance by argan oil and lipopolysaccharides in acyl-CoA oxidase 1-deficient fibroblasts. Health, 2013, 05, 62-69.	0.3	9
95	Fatty Acids - Induced Lipotoxicity and Inflammation. Current Drug Metabolism, 2012, 13, 1358-1370.	1.2	88
96	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
97	Absence of Oxysterol-like Side Effects in Human Monocytic Cells Treated with Phytosterols and Oxyphytosterols. Journal of Agricultural and Food Chemistry, 2012, 60, 4060-4066.	5.2	25
98	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). Oxidative Medicine and Cellular Longevity, 2012, 2012, 1-15.	4.0	62
99	Fluorescence excitation analysis by two-photon confocal laser scanning microscopy: a new method to identify fluorescent nanoparticles on histological tissue sections. International Journal of Nanomedicine, 2012, 7, 5545.	6.7	3
100	Potential Roles of Peroxisomes in Alzheimer's Disease and in Dementia of the Alzheimer's Type. Journal of Alzheimer's Disease, 2012, 29, 241-254.	2.6	86
101	A moderate red wine intake improves blood lipid parameters and erythrocytes membrane fluidity in post myocardial infarct patients. Molecular Nutrition and Food Research, 2012, 56, 345-351.	3.3	42
102	CORRELATIONAL SELECTION ON PRO- AND ANTI-INFLAMMATORY EFFECTORS. Evolution; International Journal of Organic Evolution, 2012, 66, 3615-3623.	2.3	9
103	A moderate red wine intake improves blood lipid parameters and erythrocytes membrane fluidity in post myocardial infarct patients. Molecular Nutrition and Food Research, 2012, 56, 345-351.	3.3	17
104	Glycogen synthase kinase 3 involvement in the excessive proinflammatory response to LPS in patients with decompensated cirrhosis. Journal of Hepatology, 2011, 55, 784-793.	3.7	47
105	Contribution of Cholesterol and Oxysterols in the Physiopathology of Cataract: Implication for the Development of Pharmacological Treatments. Journal of Ophthalmology, 2011, 2011, 1-6.	1.3	29
106	A clinic-biological score for diagnosing early-onset neonatal infection in critically ill preterm infants*. Pediatric Critical Care Medicine, 2011, 12, 203-209.	0.5	13
107	Special issue to LipidomicNet and ENOR joint Workshop (19â€“20 November 2010; Munich, Germany) âœAnalysis and function of oxysterols and other regulatory and lipotoxic molecular lipid speciesâœ: Chemistry and Physics of Lipids, 2011, 164, 409-410.	3.2	2
108	Pro-apoptotic versus anti-apoptotic properties of dietary resveratrol on tumoral and normal cardiac cells. Genes and Nutrition, 2011, 6, 161-169.	2.5	43

#	ARTICLE	IF	CITATIONS
109	Impact of 7-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
110	Î±-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
111	Impact of phytosterols on mitochondrial functions. <i>British Journal of Nutrition</i> , 2011, 106, 461-462.	2.3	4
112	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
113	Resveratrol against Major Pathologies. , 2011, , 339-378.		0
114	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
115	Prediction of response to disease modifying antirheumatic drugs in rheumatoid arthritis. <i>Joint Bone Spine</i> , 2010, 77, 558-563.	1.6	26
116	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
117	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
118	Diagnosing HIV infection using flow cytometry: From antigenic analyses to a specifically dedicated bead-based assay to measure viral load. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009, 75A, 172-174.	1.5	3
119	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
120	7Î²-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
121	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
122	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
123	Cytotoxic effects of oxysterols associated with human diseases: Induction of cell death (apoptosis) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i> <i>Medicine</i> , 2009, 30, 153-170.	6.4	242
124	Inhibitory effects of trans-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
125	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
126	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 7Î²-Hydroxycholesterol. <i>Current Eye Research</i> , 2008, 33, 769-781.	1.5	17

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	Oxysterols Induced Inflammation and Oxidation in Primary Porcine Retinal Pigment Epithelial Cells. <i>Current Eye Research</i> , 2007, 32, 271-280.	1.5	68
130	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
131	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
132	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
133	Oxysterol mixtures, a promising approach to investigate the biological effects of oxysterols: A commentary on "Oxysterol mixtures, in atheroma-relevant proportions, display synergistic and proapoptotic effects," by Larsson, Baird, Diinga Nyhalah, Yuan, and Li. <i>Free Radical Biology and Medicine</i> , 2006, 41, 872-873.	2.9	1
134	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
135	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
136	Analysis of CD36 expression on human monocytic cells and atherosclerotic tissue sections with quantum dots: investigation by flow cytometry and spectral imaging microscopy. , 2006, 28, 14-26.		7
137	Flow cytometry and spectral imaging multiphoton microscopy analysis of CD36 expression with quantum dots 605 of untreated and 7-ketocholesterol-treated human monocytic cells. , 2006, 28, 316-30.		4
138	7-Ketocholesterol-induced apoptosis. <i>FEBS Journal</i> , 2005, 272, 3093-3104.	4.7	87
139	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
140	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. , 2005, 64A, 87-100.		44
141	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
142	Analysis of fluorescent MRI contrast agent behavior in the liver and thoracic aorta of mice. , 2004, 26, 233-8.		1
143	FRET multiphoton spectral imaging microscopy of 7-ketocholesterol and Nile Red in U937 monocytic cells loaded with 7-ketocholesterol. , 2004, 26, 304-13.		6
144	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

#	ARTICLE	IF	CITATIONS
145	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
146	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
147	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
148	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
149	Flow cytometry and factor analysis evaluation of confocal image sequences of morphologic and functional changes occurring at the mitochondrial level during 7-ketocholesterol-induced cell death. , 2002, 24, 355-62.		1
150	Changes in light scatter properties are a general feature of cell death but are not characteristic of apoptotically dying cells. <i>Cytometry</i> , 2001, 46, 65-65.	1.8	3
151	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
152	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
153	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
154	Morphological analysis of in situ hybridization signals in cervical intraepithelial neoplasia containing human papillomavirus type 16 or 18: Relationship with histological grade and DNA content. , 1998, 34, 180-186.		7
155	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
156	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
157	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
158	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
159	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
160	Kinetics of plasma membrane and mitochondrial alterations in cells undergoing apoptosis. <i>Cytometry</i> , 1995, 21, 275-283.	1.8	205
161	Apoptosis without decrease of cell DNA content. <i>FEBS Letters</i> , 1995, 367, 188-192.	2.8	44
162	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

#	ARTICLE	IF	CITATIONS
163	Cholesterol Derivatives as Promising Anticancer Agents in Glioblastoma Metabolic Therapy. , 0 , 97-120.		2