

Christophe Lemaire

List of Publications by Year in descending order

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48
papers

2,934
citations

147801

31
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206112

48
g-index

48
all docs

48
docs citations

48
times ranked

4982
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondria: a central target for sex differences in pathologies. <i>Clinical Science</i> , 2017, 131, 803-822.	4.3	231
2	Methods for the assessment of mitochondrial membrane permeabilization in apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 803-813.	4.9	196
3	Mitochondrial dynamics in the adult cardiomyocytes: which roles for a highly specialized cell?. <i>Frontiers in Physiology</i> , 2013, 4, 102.	2.8	187
4	Inhibition of caspase activity induces a switch from apoptosis to necrosis. <i>FEBS Letters</i> , 1998, 425, 266-270.	2.8	159
5	Different apoptotic pathways induced by zearalenone, T-2 toxin and ochratoxin A in human hepatoma cells. <i>Toxicology</i> , 2008, 254, 19-28.	4.2	159
6	SIRT1 protects the heart from ER stress-induced cell death through eIF2 β deacetylation. <i>Cell Death and Differentiation</i> , 2017, 24, 343-356.	11.2	159
7	Withaferin A induces apoptosis in human melanoma cells through generation of reactive oxygen species and down-regulation of Bcl-2. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2011, 16, 1014-1027.	4.9	134
8	Acidic extracellular pH shifts colorectal cancer cell death from apoptosis to necrosis upon exposure to propionate and acetate, major end-products of the human probiotic propionibacteria. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2007, 12, 573-591.	4.9	132
9	Patulin Induces Apoptosis through ROS-Mediated Endoplasmic Reticulum Stress Pathway. <i>Toxicological Sciences</i> , 2015, 144, 328-337.	3.1	105
10	Chemosensitization by Knockdown of Adenine Nucleotide Translocase-2. <i>Cancer Research</i> , 2006, 66, 9143-9152.	0.9	101
11	Cytopathic effects of the cytomegalovirus-encoded apoptosis inhibitory protein vMIA. <i>Journal of Cell Biology</i> , 2006, 174, 985-996.	5.2	90
12	Involvement of mitochondria-mediated apoptosis in deoxynivalenol cytotoxicity. <i>Food and Chemical Toxicology</i> , 2012, 50, 1680-1689.	3.6	68
13	Hsp90 inhibition by PU-H71 induces apoptosis through endoplasmic reticulum stress and mitochondrial pathway in cancer cells and overcomes the resistance conferred by Bcl-2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1356-1366.	4.1	64
14	Crocin and Quercetin protect HCT116 and HEK293 cells from Zearalenone-induced apoptosis by reducing endoplasmic reticulum stress. <i>Cell Stress and Chaperones</i> , 2015, 20, 927-938.	2.9	64
15	Fusarial Toxin-Induced Toxicity in Cultured Cells and in Isolated Mitochondria Involves PTPC-Dependent Activation of the Mitochondrial Pathway of Apoptosis. <i>Toxicological Sciences</i> , 2009, 110, 363-375.	3.1	60
16	Disturbed Fatty Acid Oxidation, Endoplasmic Reticulum Stress, and Apoptosis in Left Ventricle of Patients With Type 2 Diabetes. <i>Diabetes</i> , 2019, 68, 1924-1933.	0.6	54
17	Induction of apoptosis by dexamethasone in the B cell lineage. <i>Immunopharmacology</i> , 1998, 40, 67-76.	2.0	52
18	Calcium Flux between the Endoplasmic Reticulum and Mitochondrion Contributes to Poliovirus-Induced Apoptosis. <i>Journal of Virology</i> , 2010, 84, 12226-12235.	3.4	52

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19	Inhibition of caspase-dependent mitochondrial permeability transition protects airway epithelial cells against mustard-induced apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2006, 11, 1545-1559.	4.9	49
20	SIRT1 protects cardiac cells against apoptosis induced by zearalenone or its metabolites $\hat{1}\pm$ - and $\hat{1}^2$ -zearalenol through an autophagy-dependent pathway. <i>Toxicology and Applied Pharmacology</i> , 2017, 314, 82-90.	2.8	49
21	Sirtuin 1 regulates pulmonary artery smooth muscle cell proliferation. <i>Journal of Hypertension</i> , 2018, 36, 1164-1177.	0.5	48
22	Cell death induced by the Alternaria mycotoxin Alternariol. <i>Toxicology in Vitro</i> , 2012, 26, 915-923.	2.4	46
23	Bcl-2 can promote p53-dependent senescence versus apoptosis without affecting the G1/S transition. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 282-288.	2.1	43
24	In vitro investigation of toxicological interactions between the fusariotoxins deoxynivalenol and zearalenone. <i>Toxicon</i> , 2014, 84, 1-6.	1.6	41
25	SIRT1 Protects the Heart from ER Stress-Induced Injury by Promoting eEF2K/eEF2-Dependent Autophagy. <i>Cells</i> , 2020, 9, 426.	4.1	41
26	The fourth isoform of the adenine nucleotide translocator inhibits mitochondrial apoptosis in cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 623-629.	2.8	40
27	Mechanism of Alternariol monomethyl ether-induced mitochondrial apoptosis in human colon carcinoma cells. <i>Toxicology</i> , 2011, 290, 230-240.	4.2	37
28	Crocin and quercetin prevent PAT-induced apoptosis in mammalian cells: Involvement of ROS-mediated ER stress pathway. <i>Environmental Toxicology</i> , 2016, 31, 1851-1858.	4.0	36
29	Tebuconazole induces ROS-dependent cardiac cell toxicity by activating DNA damage and mitochondrial apoptotic pathway. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111040.	6.0	36
30	Inducible Cardiac-Specific Deletion of Sirt1 in Male Mice Reveals Progressive Cardiac Dysfunction and Sensitization of the Heart to Pressure Overload. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5005.	4.1	35
31	Increased expression of VDAC1 sensitizes carcinoma cells to apoptosis induced by DNA cross-linking agents. <i>Biochemical Pharmacology</i> , 2012, 83, 1172-1182.	4.4	32
32	Activation of ER stress and apoptosis by $\hat{1}\pm$ - and $\hat{1}^2$ -zearalenol in HCT116 cells, protective role of Quercetin. <i>NeuroToxicology</i> , 2016, 53, 334-342.	3.0	32
33	Endoplasmic reticulum stress induces cardiac dysfunction through architectural modifications and alteration of mitochondrial function in cardiomyocytes. <i>Cardiovascular Research</i> , 2019, 115, 328-342.	3.8	29
34	Molecular events involved in ochratoxin A induced mitochondrial pathway of apoptosis, modulation by Bcl-2 family members. <i>Environmental Toxicology</i> , 2011, 26, 579-590.	4.0	26
35	Specific dual effect of cycloheximide on B lymphocyte apoptosis: involvement of CPP32/caspase-3. <i>Biochemical Pharmacology</i> , 1999, 58, 85-93.	4.4	23
36	IL-4 inhibits apoptosis and prevents mitochondrial damage without inducing the switch to necrosis observed with caspase inhibitors. <i>Cell Death and Differentiation</i> , 1999, 6, 813-820.	11.2	22

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37	Role of the permeability transition pore complex in lethal inter-organelle crosstalk. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3465.	3.0	22
38	Combined effects of alternariols mixture on human colon carcinoma cells. <i>Toxicology Mechanisms and Methods</i> , 2015, 25, 56-62.	2.7	21
39	Age-associated modulation of apoptosis and activation in murine B lymphocytes. <i>Mechanisms of Ageing and Development</i> , 1998, 103, 285-299.	4.6	20
40	Caspase-9 can antagonize p53-induced apoptosis by generating a p76Rb truncated form of Rb. <i>Oncogene</i> , 2005, 24, 3297-3308.	5.9	20
41	Lipopolysaccharide Protects Primary B Lymphocytes from Apoptosis by Preventing Mitochondrial Dysfunction and Bax Translocation to Mitochondria. <i>Infection and Immunity</i> , 2004, 72, 3260-3266.	2.2	19
42	Crocin protects human embryonic kidney cells (HEK293) from $\hat{1}\pm$ - and $\hat{1}^2$ -Zearalenol-induced ER stress and apoptosis. <i>Environmental Science and Pollution Research</i> , 2016, 23, 15504-15514.	5.3	19
43	Cobalamin and folate protect mitochondrial and contractile functions in a murine model of cardiac pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 102, 34-44.	1.9	19
44	Mechanisms of doxycycline-induced cytotoxicity on human bronchial epithelial cells. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 3036.	3.0	18
45	Citrinin induces apoptosis in human HCT116 colon cancer cells through endoplasmic reticulum stress. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2017, 80, 1230-1241.	2.3	14
46	Ferulic Acid, Pterostilbene, and Tyrosol Protect the Heart from ER-Stress-Induced Injury by Activating SIRT1-Dependent Deacetylation of eIF2 $\hat{1}\pm$. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6628.	4.1	14
47	Expression of alkaline phosphatase by a B-cell hybridoma and its modulation during cell growth and apoptosis. <i>Immunology Letters</i> , 1995, 47, 163-170.	2.5	13
48	UV irradiation of a B-cell hybridoma increases expression of alkaline phosphatase: involvement in apoptosis. <i>Biochemistry and Cell Biology</i> , 1997, 75, 783-788.	2.0	3