Odile Sergent

List of Publications by Year
in descending order

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53	2,283	279798	206112
papers	citations	23 h-index	48 g-index

53	53	53	3046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptomic analysis in zebrafish larvae identifies iron-dependent mitochondrial dysfunction as a possible key event of NAFLD progression induced by benzo[a]pyrene/ethanol co-exposure. Cell Biology and Toxicology, 2023, 39, 371-390.	5.3	7
2	Protective Action of Ostreococcus Tauri and Phaeodactylum Tricornutum Extracts towards Benzo[a]Pyrene-Induced Cytotoxicity in Endothelial Cells. Marine Drugs, 2020, 18, 3.	4.6	8
3	MEHP/ethanol co-exposure favors the death of steatotic hepatocytes, possibly through CYP4A and ADH involvement. Food and Chemical Toxicology, 2020, 146, 111798.	3.6	5
4	Extracellular vesicles released by polycyclic aromatic hydrocarbons-treated hepatocytes trigger oxidative stress in recipient hepatocytes by delivering iron. Free Radical Biology and Medicine, 2020, 160, 246-262.	2.9	14
5	Polycyclic Aromatic Hydrocarbons Can Trigger Hepatocyte Release of Extracellular Vesicles by Various Mechanisms of Action Depending on Their Affinity for the Aryl Hydrocarbon Receptor. Toxicological Sciences, 2019, 171, 443-462.	3.1	18
6	PAHs increase the production of extracellular vesicles both inÂvitro in endothelial cells and inÂvivo in urines from rats. Environmental Pollution, 2019, 255, 113171.	7.5	15
7	Disturbances in H+ dynamics during environmental carcinogenesis. Biochimie, 2019, 163, 171-183.	2.6	7
8	Effet des acides gras polyinsaturÃ©s Ã longue chaÃ®ne n-3Âsur le remodelage membranaire induit par les toxiques chimiquesÂ: retentissement sur la mort cellulaire. Cahiers De Nutrition Et De Dietetique, 2019, 54, 116-127.	0.3	0
9	Evidence of selective activation of aryl hydrocarbon receptor nongenomic calcium signaling by pyrene. Biochemical Pharmacology, 2018, 158, 1-12.	4.4	21
10	Mechanisms involved in the death of steatotic WIF-B9 hepatocytes co-exposed to benzo[a]pyrene and ethanol: a possible key role for xenobiotic metabolism and nitric oxide. Free Radical Biology and Medicine, 2018, 129, 323-337.	2.9	8
11	Possible Involvement of Mitochondrial Dysfunction and Oxidative Stress in a Cellular Model of NAFLD Progression Induced by Benzo[a]pyrene/Ethanol CoExposure. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-18.	4.0	32
12	Membrane Remodeling as a Key Player of the Hepatotoxicity Induced by Co-Exposure to Benzo[a]pyrene and Ethanol of Obese Zebrafish Larvae. Biomolecules, 2018, 8, 26.	4.0	12
13	Co-exposure to benzo[a]pyrene and ethanol induces a pathological progression of liver steatosis in vitro and in vivo. Scientific Reports, 2018, 8, 5963.	3.3	36
14	Environmental carcinogenesis and pH homeostasis: Not only a matter of dysregulated metabolism. Seminars in Cancer Biology, 2017, 43, 49-65.	9.6	31
15	Zebrafish larva as a reliable model for in vivo assessment of membrane remodeling involvement in the hepatotoxicity of chemical agents. Journal of Applied Toxicology, 2017, 37, 732-746.	2.8	12
16	Role for the ATPase inhibitory factor 1 in the environmental carcinogen-induced Warburg phenotype. Scientific Reports, 2017, 7, 195.	3.3	15
17	The environmental carcinogen benzo[a]pyrene induces a Warburg-like metabolic reprogramming dependent on NHE1 and associated with cell survival. Scientific Reports, 2016, 6, 30776.	3.3	54
18	Benzo[a]pyrene-induced nitric oxide production acts as a survival signal targeting mitochondrial membrane potential. Toxicology in Vitro, 2015, 29, 1597-1608.	2.4	15

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19	Protective action of n-3 fatty acids on benzo[a]pyrene-induced apoptosis through the plasma membrane remodeling-dependent NHE1 pathway. Chemico-Biological Interactions, 2014, 207, 41-51.	4.0	19
20	Acides gras polyinsaturÃ©s omÃ©ga 3Âet toxicitÃ© hÃ©patique de lâ€™Ã©thanolÂ: rÃ1e du remodelage membranaire. Nutrition Clinique Et Metabolisme, 2014, 28, 17-28.	0.5	1
21	Alkyl Galactofuranosides Strongly Interact with Leishmania donovani Membrane and Provide Antileishmanial Activity. Antimicrobial Agents and Chemotherapy, 2014, 58, 2156-2166.	3.2	13
22	Cooperative interaction of benzo[a]pyrene and ethanol on plasma membrane remodeling is responsible for enhanced oxidative stress and cell death in primary rat hepatocytes. Free Radical Biology and Medicine, 2014, 72, 11-22.	2.9	23
23	A role for lipid rafts in the protection afforded by docosahexaenoic acid against ethanol toxicity in primary rat hepatocytes. Food and Chemical Toxicology, 2013, 60, 286-296.	3.6	15
24	Role for membrane remodeling in cell death: Implication for health and disease. Toxicology, 2013, 304, 141-157.	4.2	65
25	NHE-1 Relocation Outside Cholesterol-rich Membrane Microdomains is Associated with its Benzo[a]pyrene-related Apoptotic Function. Cellular Physiology and Biochemistry, 2012, 29, 657-666.	1.6	13
26	Identification of the couple GSK3Î±/c-Myc as a new regulator of hexokinase II in benzo[a]pyrene-induced apoptosis. Toxicology in Vitro, 2012, 26, 94-101.	2.4	11
27	On the Role of the Difference in Surface Tensions Involved in the Allosteric Regulation of NHE-1 Induced by Low to Mild Osmotic Pressure, Membrane Tension and Lipid Asymmetry. Cell Biochemistry and Biophysics, 2012, 63, 47-57.	1.8	9
28	Importance of Plasma Membrane Dynamics in Chemical-Induced Carcinogenesis. Recent Patents on Anti-Cancer Drug Discovery, 2011, 6, 347-353.	1.6	25
29	Physical and chemical modulation of lipid rafts by a dietary n-3 polyunsaturated fatty acid increases ethanol-induced oxidative stress. Free Radical Biology and Medicine, 2011, 51, 2018-2030.	2.9	20
30	Membrane remodeling, an early event in benzo[Î±]pyrene-induced apoptosis. Toxicology and Applied Pharmacology, 2010, 243, 68-76.	2.8	44
31	Cisplatin-induced apoptosis involves a Fas-ROCK-ezrin-dependent actin remodelling in human colon cancer cells. European Journal of Cancer, 2010, 46, 1445-1455.	2.8	45
32	Increased Lipiodol uptake in hepatocellular carcinoma possibly due to increased membrane fluidity by dexamethasone and tamoxifen. Nuclear Medicine and Biology, 2010, 37, 777-784.	0.6	14
33	Ximelagatran increases membrane fluidity and changes membrane lipid composition in primary human hepatocytes. Toxicology in Vitro, 2009, 23, 1305-1310.	2.4	30
34	A new lactoferrin- and iron-dependent lysosomal death pathway is induced by benzo[a]pyrene in hepatic epithelial cells. Toxicology and Applied Pharmacology, 2008, 228, 212-224.	2.8	27
35	Cisplatin-Induced Apoptosis Involves Membrane Fluidification via Inhibition of NHE1 in Human Colon Cancer Cells. Cancer Research, 2007, 67, 7865-7874.	0.9	145
36	Ethanol induces oxidative stress in primary rat hepatocytes through the early involvement of lipid raft clustering. Hepatology, 2007, 47, 59-70.	7.3	44

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37	Membrane Fluidity Changes Are Associated with Benzo[a]Pyrene-Induced Apoptosis in F258 Cells: Protection by Exogenous Cholesterol. Annals of the New York Academy of Sciences, 2006, 1090, 108-112.	3.8	40
38	Protective effect of monosialoganglioside GM1 against chemically induced apoptosis through targeting of mitochondrial function and iron transport. Biochemical Pharmacology, 2006, 72, 1343-1353.	4.4	28
39	Combination of Iron Overload Plus Ethanol and Ischemia Alone Give Rise to the Same Endogenous Free Iron Pool. BioMetals, 2005, 18, 567-575.	4.1	16
40	Role for Membrane Fluidity in Ethanol-Induced Oxidative Stress of Primary Rat Hepatocytes. Journal of Pharmacology and Experimental Therapeutics, 2005, 313, 104-111.	2.5	105
41	Cisplatin-Induced CD95 Redistribution into Membrane Lipid Rafts of HT29 Human Colon Cancer Cells. Cancer Research, 2004, 64, 3593-3598.	0.9	293
42	Glutathione depletion increases nitric oxide-induced oxidative stress in primary rat hepatocyte cultures: involvement of low-molecular-weight iron. Free Radical Biology and Medicine, 2003, 34, 1283-1294.	2.9	16
43	Physical Fitness and Plasma Non-Enzymatic Antioxidant Status at Rest and After a Wingate Test. Applied Physiology, Nutrition, and Metabolism, 2003, 28, 79-92.	1.7	35
44	Inter-laboratory Validation of Procedures for Measuring 8-oxo-7,8-dihydroguanine/8-oxo-7,8-dihydro-2â€²-deoxyguanosine in DNA. Free Radical Research, 2002, 36, 239-245.	3.3	75
45	Repair of iron-induced DNA oxidation by the flavonoid myricetin in primary rat hepatocyte cultures. Free Radical Biology and Medicine, 1999, 26, 1457-1466.	2.9	84
46	Macrophage-induced inhibition of nitric oxide production in primary rat hepatocyte cultures via prostaglandin E2 release. Hepatology, 1998, 28, 1300-1308.	7.3	27
47	Involvement of Phenoxyl Radical Intermediates in Lipid Antioxidant Action of Myricetin in Iron-Treated Rat Hepatocyte Culture. Biochemical Pharmacology, 1998, 55, 1399-1404.	4.4	31
48	Oxidative Stress Induced by Î³-interferon and Lipopolysaccharide in Rat Hepatocyte Cultures. Relationship with Nitric Oxide Production. , 1995, , 261-269.		0
49	[31] Ultraviolet and infrared methods for analysis of fatty acyl esters in cellular systems. Methods in Enzymology, 1994, 233, 310-313.	1.0	6
50	Simultaneous measurements of conjugated dienes and free malondialdehyde, used as a micromethod for the evaluation of lipid peroxidation in rat hepatocyte cultures. Chemistry and Physics of Lipids, 1993, 65, 133-139.	3.2	32
51	Antioxidant and iron-chelating activities of the flavonoids catechin, quercetin and diosmetin on iron-loaded rat hepatocyte cultures. Biochemical Pharmacology, 1993, 45, 13-19.	4.4	554
52	Antioxidant and free radical scavenging activities of the iron chelators pyoverdin and hydroxypyrid-4-ones in iron-loaded hepatocyte cultures: Comparison of their mechanism of protection with that of desferrioxamine. Free Radical Biology and Medicine, 1992, 13, 499-508.	2.9	65
53	Up-to-Date Insight About Membrane Remodeling as a Mechanism of Action for Ethanol-Induced Liver Toxicity. , 0, , .		3