

Dominique Lagadic-Gossmann

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123
papers

4,620
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37
h-index

63
g-index

136
ext. papers

5,040
ext. citations

5.4
avg, IF

5.02
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 123 | Alterations of intracellular pH homeostasis in apoptosis: origins and roles. <i>Cell Death and Differentiation</i> , 2004 , 11, 953-61 | 12.7 | 338 |
| 122 | Cisplatin-induced CD95 redistribution into membrane lipid rafts of HT29 human colon cancer cells. <i>Cancer Research</i> , 2004 , 64, 3593-8 | 10.1 | 268 |
| 121 | TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. <i>Cell Death and Differentiation</i> , 2012 , 19, 2003-14 | 12.7 | 248 |
| 120 | Characterization of intracellular pH regulation in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , 1999 , 517 (Pt 1), 159-80 | 3.9 | 195 |
| 119 | Role of bicarbonate in pH recovery from intracellular acidosis in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , 1992 , 458, 361-84 | 3.9 | 189 |
| 118 | Cadmium induces caspase-independent apoptosis in liver Hep3B cells: role for calcium in signaling oxidative stress-related impairment of mitochondria and relocation of endonuclease G and apoptosis-inducing factor. <i>Free Radical Biology and Medicine</i> , 2004 , 36, 1517-31 | 7.8 | 128 |
| 117 | Cisplatin-induced apoptosis involves membrane fluidification via inhibition of NHE1 in human colon cancer cells. <i>Cancer Research</i> , 2007 , 67, 7865-74 | 10.1 | 126 |
| 116 | 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, 573-91 | 5.4 | 109 |
| 115 | Effects of extracellular pH, PCO ₂ and HCO ₃ ⁻ on intracellular pH in isolated type-I cells of the neonatal rat carotid body. <i>Journal of Physiology</i> , 1991 , 444, 703-21 | 3.9 | 102 |
| 114 | Role for membrane fluidity in ethanol-induced oxidative stress of primary rat hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 104-11 | 4.7 | 95 |
| 113 | Aryl hydrocarbon receptor- and calcium-dependent induction of the chemokine CCL1 by the environmental contaminant benzo[a]pyrene. <i>Journal of Biological Chemistry</i> , 2006 , 281, 19906-15 | 5.4 | 91 |
| 112 | Liver protection from apoptosis requires both blockage of initiator caspase activities and inhibition of ASK1/JNK pathway via glutathione S-transferase regulation. <i>Journal of Biological Chemistry</i> , 2002 , 277, 49220-9 | 5.4 | 89 |
| 111 | Effects of nitrated-polycyclic aromatic hydrocarbons and diesel exhaust particle extracts on cell signalling related to apoptosis: possible implications for their mutagenic and carcinogenic effects. <i>Toxicology</i> , 2007 , 231, 159-74 | 4.4 | 73 |
| 110 | Cisplatin cytotoxicity: DNA and plasma membrane targets. <i>Current Medicinal Chemistry</i> , 2008 , 15, 2656-63 | 4.3 | 72 |
| 109 | Nongenomic effects of cisplatin: acute inhibition of mechanosensitive transporters and channels without actin remodeling. <i>Cancer Research</i> , 2010 , 70, 7514-22 | 10.1 | 65 |
| 108 | Altered Ca ²⁺ handling in ventricular myocytes isolated from diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1996 , 270, H1529-37 | 5.2 | 64 |
| 107 | Transcriptional induction of CYP1A1 by oltipraz in human Caco-2 cells is aryl hydrocarbon receptor- and calcium-dependent. <i>Journal of Biological Chemistry</i> , 2002 , 277, 24780-7 | 5.4 | 62 |

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| 106 | Dioxin-mediated up-regulation of aryl hydrocarbon receptor target genes is dependent on the calcium/calmodulin/CaMKIalpha pathway. <i>Molecular Pharmacology</i> , 2008 , 73, 769-77 | 4.3 | 56 |
| 105 | Different mechanisms involved in apoptosis following exposure to benzo[a]pyrene in F258 and Hepa1c1c7 cells. <i>Chemico-Biological Interactions</i> , 2007 , 167, 41-55 | 5 | 53 |
| 104 | Enniatin B-induced cell death and inflammatory responses in RAW 267.4 murine macrophages. <i>Toxicology and Applied Pharmacology</i> , 2012 , 261, 74-87 | 4.6 | 52 |
| 103 | TRAIL induces receptor-interacting protein 1-dependent and caspase-dependent necrosis-like cell death under acidic extracellular conditions. <i>Cancer Research</i> , 2007 , 67, 218-26 | 10.1 | 52 |
| 102 | Hepatotoxicity of tacrine: occurrence of membrane fluidity alterations without involvement of lipid peroxidation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2000 , 294, 160-7 | 4.7 | 52 |
| 101 | Role for membrane remodeling in cell death: implication for health and disease. <i>Toxicology</i> , 2013 , 304, 141-57 | 4.4 | 50 |
| 100 | Microalgal carotenoids and phytosterols regulate biochemical mechanisms involved in human health and disease prevention. <i>Biochimie</i> , 2019 , 167, 106-118 | 4.6 | 48 |
| 99 | Induction of intracellular calcium concentration by environmental benzo(a)pyrene involves a α -adrenergic receptor/adenylyl cyclase/Epac-1/inositol 1,4,5-trisphosphate pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , 2012 , 287, 4041-52 | 5.4 | 47 |
| 98 | AhR and Arnt differentially regulate NF- κ B signaling and chemokine responses in human bronchial epithelial cells. <i>Cell Communication and Signaling</i> , 2014 , 12, 48 | 7.5 | 43 |
| 97 | Multiple apoptotic pathways induced by p53-dependent acidification in benzo[a]pyrene-exposed hepatic F258 cells. <i>Journal of Cellular Physiology</i> , 2006 , 208, 527-37 | 7 | 43 |
| 96 | Role of intracellular glutathione in cell sensitivity to the apoptosis induced by tumor necrosis factor α -related apoptosis-inducing ligand/anticancer drug combinations. <i>Clinical Cancer Research</i> , 2005 , 11, 3075-83 | 12.9 | 43 |
| 95 | A role for caspase-8 and c-FLIPL in proliferation and cell-cycle progression of primary hepatocytes. <i>Carcinogenesis</i> , 2005 , 26, 2086-94 | 4.6 | 42 |
| 94 | Membrane remodeling, an early event in benzo[a]pyrene-induced apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2010 , 243, 68-76 | 4.6 | 41 |
| 93 | Toxic effects of tacrine on primary hepatocytes and liver epithelial cells in culture. <i>Cell Biology and Toxicology</i> , 1998 , 14, 361-73 | 7.4 | 41 |
| 92 | The environmental carcinogen benzo[a]pyrene induces a Warburg-like metabolic reprogramming dependent on NHE1 and associated with cell survival. <i>Scientific Reports</i> , 2016 , 6, 30776 | 4.9 | 41 |
| 91 | Ethanol induces oxidative stress in primary rat hepatocytes through the early involvement of lipid raft clustering. <i>Hepatology</i> , 2008 , 47, 59-70 | 11.2 | 40 |
| 90 | Cisplatin-induced apoptosis involves a Fas-ROCK-ezrin-dependent actin remodelling in human colon cancer cells. <i>European Journal of Cancer</i> , 2010 , 46, 1445-55 | 7.5 | 39 |
| 89 | Identification of Na ⁺ /H ⁺ exchange as a new target for toxic polycyclic aromatic hydrocarbons. <i>FASEB Journal</i> , 2004 , 18, 344-6 | 0.9 | 39 |

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| 88 | Phagocytosis depends on TRPV2-mediated calcium influx and requires TRPV2 in lipids rafts: alteration in macrophages from patients with cystic fibrosis. <i>Scientific Reports</i> , 2018 , 8, 4310 | 4.9 | 38 |
| 87 | Effects of trimetazidine on pHi regulation in the rat isolated ventricular myocyte. <i>British Journal of Pharmacology</i> , 1996 , 117, 831-8 | 8.6 | 37 |
| 86 | Lipophilic components of diesel exhaust particles induce pro-inflammatory responses in human endothelial cells through AhR dependent pathway(s). <i>Particle and Fibre Toxicology</i> , 2018 , 15, 21 | 8.4 | 36 |
| 85 | Modulation by pH ₀ and intracellular Ca ²⁺ of Na ⁽⁺⁾ -H ⁺ exchange in diabetic rat isolated ventricular myocytes. <i>Circulation Research</i> , 1997 , 80, 253-60 | 15.7 | 36 |
| 84 | Pro-inflammatory cytokines tumor necrosis factor alpha and interleukin-6 and survival factor epidermal growth factor positively regulate the murine GSTA4 enzyme in hepatocytes. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17892-900 | 5.4 | 35 |
| 83 | Coupling of dual acid extrusion in the guinea-pig isolated ventricular myocyte to alpha 1- and beta-adrenoceptors. <i>Journal of Physiology</i> , 1993 , 464, 49-73 | 3.9 | 35 |
| 82 | 1-Nitropyrene (1-NP) induces apoptosis and apparently a non-apoptotic programmed cell death (paraptosis) in Hepa1c1c7 cells. <i>Toxicology and Applied Pharmacology</i> , 2008 , 230, 175-86 | 4.6 | 34 |
| 81 | Membrane fluidity changes are associated with benzo[a]pyrene-induced apoptosis in F258 cells: protection by exogenous cholesterol. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 108-12 | 6.5 | 34 |
| 80 | Autophagy and senescence, stress responses induced by the DNA-damaging mycotoxin alternariol. <i>Toxicology</i> , 2014 , 326, 119-29 | 4.4 | 32 |
| 79 | Regulation of Na ⁺ /H ⁺ exchanger 1 allosteric balance by its localization in cholesterol- and caveolin-rich membrane microdomains. <i>Journal of Cellular Physiology</i> , 2008 , 216, 207-20 | 7 | 32 |
| 78 | Regulation of phenobarbital induction of the cytochrome P450 2b9/10 genes in primary mouse hepatocyte culture. Involvement of calcium- and cAMP-dependent pathways. <i>FEBS Journal</i> , 2000 , 267, 963-70 | | 32 |
| 77 | Adrenaline and extracellular ATP switch between two modes of acid extrusion in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , 1992 , 458, 385-407 | 3.9 | 32 |
| 76 | Intracellular pH regulation in papillary muscle cells from streptozotocin diabetic rats: an ion-sensitive microelectrode study. <i>Pflugers Archiv European Journal of Physiology</i> , 1988 , 412, 613-7 | 4.6 | 32 |
| 75 | N-Myristoylation targets dihydroceramide Delta4-desaturase 1 to mitochondria: partial involvement in the apoptotic effect of myristic acid. <i>Biochimie</i> , 2009 , 91, 1411-9 | 4.6 | 31 |
| 74 | c-Jun NH2-terminal kinase-related Na ⁺ /H ⁺ exchanger isoform 1 activation controls hexokinase II expression in benzo(a)pyrene-induced apoptosis. <i>Cancer Research</i> , 2007 , 67, 1696-705 | 10.1 | 30 |
| 73 | Ximelagatran increases membrane fluidity and changes membrane lipid composition in primary human hepatocytes. <i>Toxicology in Vitro</i> , 2009 , 23, 1305-10 | 3.6 | 29 |
| 72 | Acid sphingomyelinase deficiency protects from cisplatin-induced gastrointestinal damage. <i>Oncogene</i> , 2008 , 27, 6590-5 | 9.2 | 29 |
| 71 | Gene induction by Phenobarbital: an update on an old question that receives key novel answers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2001 , 89, 113-22 | | 28 |

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| 70 | A new lactoferrin- and iron-dependent lysosomal death pathway is induced by benzo[a]pyrene in hepatic epithelial cells. <i>Toxicology and Applied Pharmacology</i> , 2008 , 228, 212-24 | 4.6 | 27 |
| 69 | Regulation of phenobarbital-induction of CYP2B and CYP3A genes in rat cultured hepatocytes: involvement of several serine/threonine protein kinases and phosphatases. <i>Cell Biology and Toxicology</i> , 2000 , 16, 325-37 | 7.4 | 27 |
| 68 | Kinetic analysis of the regulation of the Na ⁺ /H ⁺ exchanger NHE-1 by osmotic shocks. <i>Biochemistry</i> , 2008 , 47, 13674-85 | 3.2 | 26 |
| 67 | Protective effect of monosialoganglioside GM1 against chemically induced apoptosis through targeting of mitochondrial function and iron transport. <i>Biochemical Pharmacology</i> , 2006 , 72, 1343-53 | 6 | 26 |
| 66 | Cytotoxicity of TRAIL/anticancer drug combinations in human normal cells. <i>Annals of the New York Academy of Sciences</i> , 2006 , 1090, 209-16 | 6.5 | 26 |
| 65 | Co-exposure to benzo[a]pyrene and ethanol induces a pathological progression of liver steatosis in vitro and in vivo. <i>Scientific Reports</i> , 2018 , 8, 5963 | 4.9 | 25 |
| 64 | Environmental carcinogenesis and pH homeostasis: Not only a matter of dysregulated metabolism. <i>Seminars in Cancer Biology</i> , 2017 , 43, 49-65 | 12.7 | 24 |
| 63 | Alternariol induces abnormal nuclear morphology and cell cycle arrest in murine RAW 264.7 macrophages. <i>Toxicology Letters</i> , 2013 , 219, 8-17 | 4.4 | 24 |
| 62 | The B[a]P-increased intercellular communication via translocation of connexin-43 into gap junctions reduces apoptosis. <i>Toxicology and Applied Pharmacology</i> , 2010 , 242, 231-40 | 4.6 | 24 |
| 61 | The induction of the human hepatic CYP2E1 gene by interleukin 4 is transcriptional and regulated by protein kinase C. <i>Cell Biology and Toxicology</i> , 2000 , 16, 221-33 | 7.4 | 24 |
| 60 | Calcium signaling and α -adrenergic receptors regulate 1-nitropyrene induced CXCL8 responses in BEAS-2B cells. <i>Toxicology in Vitro</i> , 2014 , 28, 1153-7 | 3.6 | 23 |
| 59 | Role for mitogen-activated protein kinases in phenobarbital-induced expression of cytochrome P450 2B in primary cultures of rat hepatocytes. <i>Toxicology Letters</i> , 2006 , 161, 61-72 | 4.4 | 23 |
| 58 | 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. <i>Free Radical Biology and Medicine</i> , 2014 , 72, 11-22 | 7.8 | 21 |
| 57 | Possible Involvement of Mitochondrial Dysfunction and Oxidative Stress in a Cellular Model of NAFLD Progression Induced by Benzo[a]pyrene/Ethanol CoExposure. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 4396403 | 6.7 | 21 |
| 56 | Mechanisms involved in lipid accumulation and apoptosis induced by 1-nitropyrene in Hepa1c1c7 cells. <i>Toxicology Letters</i> , 2011 , 206, 289-99 | 4.4 | 20 |
| 55 | Importance of plasma membrane dynamics in chemical-induced carcinogenesis. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2011 , 6, 347-53 | 2.6 | 20 |
| 54 | 3-Nitrobenzanthrone and 3-aminobenzanthrone induce DNA damage and cell signalling in Hepa1c1c7 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010 , 684, 11-23 | 3.3 | 19 |
| 53 | Akti-1/2, an allosteric inhibitor of Akt 1 and 2, efficiently inhibits CaMKII α activity and aryl hydrocarbon receptor pathway. <i>Chemico-Biological Interactions</i> , 2010 , 188, 546-52 | 5 | 18 |

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| 52 | Apoptotic mitochondrial dysfunction induced by benzo(a)pyrene in liver epithelial cells: role of p53 and pHi changes. <i>Annals of the New York Academy of Sciences</i> , 2003 , 1010, 167-70 | 6.5 | 18 |
| 51 | Protective action of n-3 fatty acids on benzo[a]pyrene-induced apoptosis through the plasma membrane remodeling-dependent NHE1 pathway. <i>Chemico-Biological Interactions</i> , 2014 , 207, 41-51 | 5 | 17 |
| 50 | Lipophilic Chemicals from Diesel Exhaust Particles Trigger Calcium Response in Human Endothelial Cells via Aryl Hydrocarbon Receptor Non-Genomic Signalling. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 16 |
| 49 | Physical and chemical modulation of lipid rafts by a dietary n-3 polyunsaturated fatty acid increases ethanol-induced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 2018-30 | 7.8 | 16 |
| 48 | Signalling pathways involved in 1-nitropyrene (1-NP)-induced and 3-nitrofluoranthene (3-NF)-induced cell death in Hepa1c1c7 cells. <i>Mutagenesis</i> , 2009 , 24, 481-93 | 2.8 | 16 |
| 47 | TRAIL (TNF-related apoptosis-inducing ligand) induces necrosis-like cell death in tumor cells at acidic extracellular pH. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1056, 379-87 | 6.5 | 16 |
| 46 | Involvement of cyclic nucleotide- and calcium-regulated pathways in phenobarbital-induced cytochrome P-450 3A expression in mouse primary hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 1999 , 290, 1270-7 | 4.7 | 16 |
| 45 | Aryl hydrocarbon receptor-independent up-regulation of intracellular calcium concentration by environmental polycyclic aromatic hydrocarbons in human endothelial HMEC-1 cells. <i>Environmental Toxicology</i> , 2012 , 27, 556-62 | 4.2 | 15 |
| 44 | Intracellular sodium activity in papillary muscle from diabetic rat hearts. <i>Experimental Physiology</i> , 1991 , 76, 147-9 | 2.4 | 15 |
| 43 | RNAi-based screening identifies kinases interfering with dioxin-mediated up-regulation of CYP1A1 activity. <i>PLoS ONE</i> , 2011 , 6, e18261 | 3.7 | 15 |
| 42 | 3-Nitrofluoranthene (3-NF) but not 3-aminofluoranthene (3-AF) elicits apoptosis as well as programmed necrosis in Hepa1c1c7 cells. <i>Toxicology</i> , 2009 , 255, 140-50 | 4.4 | 14 |
| 41 | HCO ₃ ⁻ -dependent alkalinizing transporter in adult rat ventricular myocytes: characterization and modulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1997 , 273, H2596-603 | 5.2 | 13 |
| 40 | Acute cytotoxicity of the chemical carcinogen 2-acetylaminofluorene in cultured rat liver epithelial cells. <i>Toxicology Letters</i> , 2002 , 129, 245-54 | 4.4 | 13 |
| 39 | Intracellular pH alterations induced by tacrine in a rat liver biliary epithelial cell line. <i>British Journal of Pharmacology</i> , 1999 , 128, 1673-82 | 8.6 | 13 |
| 38 | The cleaved FAS ligand activates the Na ⁽⁺⁾ /H ⁽⁺⁾ exchanger NHE1 through Akt/ROCK1 to stimulate cell motility. <i>Scientific Reports</i> , 2016 , 6, 28008 | 4.9 | 13 |
| 37 | Zebrafish larva as a reliable model for in vivo assessment of membrane remodeling involvement in the hepatotoxicity of chemical agents. <i>Journal of Applied Toxicology</i> , 2017 , 37, 732-746 | 4.1 | 12 |
| 36 | Role for the ATPase inhibitory factor 1 in the environmental carcinogen-induced Warburg phenotype. <i>Scientific Reports</i> , 2017 , 7, 195 | 4.9 | 12 |
| 35 | Benzo[a]pyrene-induced nitric oxide production acts as a survival signal targeting mitochondrial membrane potential. <i>Toxicology in Vitro</i> , 2015 , 29, 1597-608 | 3.6 | 12 |

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| 34 | Myristic acid increases dihydroceramide Δ -desaturase 1 (DES1) activity in cultured rat hepatocytes. <i>Lipids</i> , 2012 , 47, 117-28 | 1.6 | 12 |
| 33 | A role for lipid rafts in the protection afforded by docosahexaenoic acid against ethanol toxicity in primary rat hepatocytes. <i>Food and Chemical Toxicology</i> , 2013 , 60, 286-96 | 4.7 | 12 |
| 32 | NHE-1 relocation outside cholesterol-rich membrane microdomains is associated with its benzo[a]pyrene-related apoptotic function. <i>Cellular Physiology and Biochemistry</i> , 2012 , 29, 657-66 | 3.9 | 12 |
| 31 | On some aspects of the thermodynamic of membrane recycling mediated by fluid phase endocytosis: evaluation of published data and perspectives. <i>Cell Biochemistry and Biophysics</i> , 2010 , 56, 73-90 | 3.2 | 12 |
| 30 | Evidence of selective activation of aryl hydrocarbon receptor nongenomic calcium signaling by pyrene. <i>Biochemical Pharmacology</i> , 2018 , 158, 1-12 | 6 | 12 |
| 29 | Polycyclic aromatic hydrocarbons can trigger hepatocyte release of extracellular vesicles by various mechanisms of action depending on their affinity for the aryl hydrocarbon receptor. <i>Toxicological Sciences</i> , 2019 , | 4.4 | 11 |
| 28 | Benzo(a)pyrene triggers desensitization of β -adrenergic pathway. <i>Scientific Reports</i> , 2017 , 7, 3262 | 4.9 | 11 |
| 27 | Inhibition of carcinogen-bioactivating cytochrome P450 1 isoforms by amiloride derivatives. <i>Biochemical Pharmacology</i> , 2004 , 67, 1711-9 | 6 | 11 |
| 26 | Decreased sensitivity of contraction to changes of intracellular pH in papillary muscle from diabetic rat hearts. <i>Journal of Physiology</i> , 1990 , 422, 481-97 | 3.9 | 11 |
| 25 | Combustion Particle-Induced Changes in Calcium Homeostasis: A Contributing Factor to Vascular Disease?. <i>Cardiovascular Toxicology</i> , 2019 , 19, 198-209 | 3.4 | 10 |
| 24 | Identification of the couple GSK3 β -Myc as a new regulator of hexokinase II in benzo[a]pyrene-induced apoptosis. <i>Toxicology in Vitro</i> , 2012 , 26, 94-101 | 3.6 | 10 |
| 23 | 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. <i>Cell Biochemistry and Biophysics</i> , 2012 , 63, 47-57 | 3.2 | 8 |
| 22 | Effects of S20787 on pHi-regulating mechanisms in isolated rat ventricular myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 1996 , 28, 547-52 | 3.1 | 8 |
| 21 | Organic chemicals from diesel exhaust particles affects intracellular calcium, inflammation and β adrenoceptors in endothelial cells. <i>Toxicology Letters</i> , 2019 , 302, 18-27 | 4.4 | 7 |
| 20 | PAHs increase the production of extracellular vesicles both in vitro in endothelial cells and in vivo in urines from rats. <i>Environmental Pollution</i> , 2019 , 255, 113171 | 9.3 | 6 |
| 19 | Membrane Remodeling as a Key Player of the Hepatotoxicity Induced by Co-Exposure to Benzo[a]pyrene and Ethanol of Obese Zebrafish Larvae. <i>Biomolecules</i> , 2018 , 8, | 5.9 | 6 |
| 18 | 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. <i>Free Radical Biology and Medicine</i> , 2018 , 129, 323-337 | 7.8 | 6 |
| 17 | Obesity II: Establishing Causal Links Between Chemical Exposures and Obesity.. <i>Biochemical Pharmacology</i> , 2022 , 115015 | 6 | 6 |

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|----|--|------|---|
| 16 | Nrf2 and AhR in metabolic reprogramming after contaminant exposure. <i>Current Opinion in Toxicology</i> , 2018 , 8, 34-41 | 4.4 | 5 |
| 15 | 3-nitrofluoranthene (3-NF)-induced apoptosis and programmed necrosis. <i>Autophagy</i> , 2009 , 5, 751-2 | 10.2 | 5 |
| 14 | Extracellular vesicles released by polycyclic aromatic hydrocarbons-treated hepatocytes trigger oxidative stress in recipient hepatocytes by delivering iron. <i>Free Radical Biology and Medicine</i> , 2020 , 160, 246-262 | 7.8 | 5 |
| 13 | Moderate chronic ethanol consumption exerts beneficial effects on nonalcoholic fatty liver in mice fed a high-fat diet: possible role of higher formation of triglycerides enriched in monounsaturated fatty acids. <i>European Journal of Nutrition</i> , 2020 , 59, 1619-1632 | 5.2 | 5 |
| 12 | Obesity III: Obesogen assays: Limitations, strengths, and new directions.. <i>Biochemical Pharmacology</i> , 2022 , 115014 | 6 | 4 |
| 11 | Disturbances in H dynamics during environmental carcinogenesis. <i>Biochimie</i> , 2019 , 163, 171-183 | 4.6 | 3 |
| 10 | Protective Action of and Extracts towards Benzo[a]Pyrene-Induced Cytotoxicity in Endothelial Cells. <i>Marine Drugs</i> , 2019 , 18, | 6 | 3 |
| 9 | MEHP/ethanol co-exposure favors the death of steatotic hepatocytes, possibly through CYP4A and ADH involvement. <i>Food and Chemical Toxicology</i> , 2020 , 146, 111798 | 4.7 | 3 |
| 8 | Autophagy-Driven Cancer Drug Development 2018 , 255-275 | | 2 |
| 7 | The modulation of intracellular pH in carotid body glomus cells by extracellular pH and pCO ₂ . <i>Advances in Experimental Medicine and Biology</i> , 1993 , 337, 103-9 | 3.6 | 2 |
| 6 | ATPase inhibitory factor 1 (IF1): a novel player in pollutant-related diseases?. <i>Current Opinion in Toxicology</i> , 2018 , 8, 42-47 | 4.4 | 1 |
| 5 | Gene Induction by Phenobarbital: An Update on an Old Question that Receives Key Novel Answers. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008 , 89, 113-122 | | 1 |
| 4 | Potassium antimonyl tartrate induces reactive oxygen species-related apoptosis in human myeloid leukemic HL60 cells 2002 , 20, 1071 | | 1 |
| 3 | 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.. <i>Cell Biology and Toxicology</i> , 2022 , 1 | 7.4 | 1 |
| 2 | Acides gras polyinsaturés oméga 3 et toxicité hépatique de l'éthanol : rôle du remodelage membranaire. <i>Nutrition Clinique Et Metabolisme</i> , 2014 , 28, 17-28 | 0.8 | 0 |
| 1 | Effet des acides gras polyinsaturés à longue chaîne n-3 sur le remodelage membranaire induit par les toxiques chimiques : retentissement sur la mort cellulaire. <i>Cahiers De Nutrition Et De Dietetique</i> , 2019 , 54, 116-127 | 0.2 | |