

# Dominique Lagadic-Gossmann

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

123  
papers

4,620  
citations

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	Obesity III: Obesogen assays: Limitations, strengths, and new directions.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 115014	6	4
122	Obesity II: Establishing Causal Links Between Chemical Exposures and Obesity.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 115015	6	6
121	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> , <b>2022</b> , 1	7.4	1
120	MEHP/ethanol co-exposure favors the death of steatotic hepatocytes, possibly through CYP4A and ADH involvement. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 146, 111798	4.7	3
119	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> , <b>2020</b> , 160, 246-262	7.8	5
118	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> , <b>2020</b> , 59, 1619-1632	5.2	5
117	PAHs increase the production of extracellular vesicles both in vitro in endothelial cells and in vivo in urines from rats. <i>Environmental Pollution</i> , <b>2019</b> , 255, 113171	9.3	6
116	Disturbances in H dynamics during environmental carcinogenesis. <i>Biochimie</i> , <b>2019</b> , 163, 171-183	4.6	3
115	Combustion Particle-Induced Changes in Calcium Homeostasis: A Contributing Factor to Vascular Disease?. <i>Cardiovascular Toxicology</i> , <b>2019</b> , 19, 198-209	3.4	10
114	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> , <b>2019</b> ,	4.4	11
113	Microalgal carotenoids and phytosterols regulate biochemical mechanisms involved in human health and disease prevention. <i>Biochimie</i> , <b>2019</b> , 167, 106-118	4.6	48
112	Protective Action of and Extracts towards Benzo[a]Pyrene-Induced Cytotoxicity in Endothelial Cells. <i>Marine Drugs</i> , <b>2019</b> , 18,	6	3
111	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> , <b>2019</b> , 54, 116-127	0.2	
110	Organic chemicals from diesel exhaust particles affects intracellular calcium, inflammation and Adrenoceptors in endothelial cells. <i>Toxicology Letters</i> , <b>2019</b> , 302, 18-27	4.4	7
109	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> , <b>2018</b> , 8, 4310	4.9	38
108	Nrf2 and AhR in metabolic reprogramming after contaminant exposure. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 8, 34-41	4.4	5
107	ATPase inhibitory factor 1 (IF1): a novel player in pollutant-related diseases?. <i>Current Opinion in Toxicology</i> , <b>2018</b> , 8, 42-47	4.4	1

106	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> , <b>2018</b> , 15, 21	8.4	36
105	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> , <b>2018</b> , 8,	5.9	6
104	Autophagy-Driven Cancer Drug Development <b>2018</b> , 255-275		2
103	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> , <b>2018</b> , 19,	6.3	16
102	Co-exposure to benzo[a]pyrene and ethanol induces a pathological progression of liver steatosis in vitro and in vivo. <i>Scientific Reports</i> , <b>2018</b> , 8, 5963	4.9	25
101	Evidence of selective activation of aryl hydrocarbon receptor nongenomic calcium signaling by pyrene. <i>Biochemical Pharmacology</i> , <b>2018</b> , 158, 1-12	6	12
100	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> , <b>2018</b> , 129, 323-337	7.8	6
99	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> , <b>2018</b> , 2018, 4396403	6.7	21
98	Environmental carcinogenesis and pH homeostasis: Not only a matter of dysregulated metabolism. <i>Seminars in Cancer Biology</i> , <b>2017</b> , 43, 49-65	12.7	24
97	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> , <b>2017</b> , 37, 732-746	4.1	12
96	Role for the ATPase inhibitory factor 1 in the environmental carcinogen-induced Warburg phenotype. <i>Scientific Reports</i> , <b>2017</b> , 7, 195	4.9	12
95	Benzo(a)pyrene triggers desensitization of $\alpha$ -adrenergic pathway. <i>Scientific Reports</i> , <b>2017</b> , 7, 3262	4.9	11
94	The cleaved FAS ligand activates the Na(+)/H(+) exchanger NHE1 through Akt/ROCK1 to stimulate cell motility. <i>Scientific Reports</i> , <b>2016</b> , 6, 28008	4.9	13
93	The environmental carcinogen benzo[a]pyrene induces a Warburg-like metabolic reprogramming dependent on NHE1 and associated with cell survival. <i>Scientific Reports</i> , <b>2016</b> , 6, 30776	4.9	41
92	Benzo[a]pyrene-induced nitric oxide production acts as a survival signal targeting mitochondrial membrane potential. <i>Toxicology in Vitro</i> , <b>2015</b> , 29, 1597-608	3.6	12
91	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> , <b>2014</b> , 207, 41-51	5	17
90	AhR and Arnt differentially regulate NF- $\kappa$ B signaling and chemokine responses in human bronchial epithelial cells. <i>Cell Communication and Signaling</i> , <b>2014</b> , 12, 48	7.5	43
89	Acides gras polyinsaturés oméga 3 et toxicité hépatique de l'éthanol : rôle du remodelage membranaire. <i>Nutrition Clinique Et Métabolisme</i> , <b>2014</b> , 28, 17-28	0.8	0

88	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> , <b>2014</b> , 72, 11-22	7.8	21
87	Calcium signaling and $\alpha$ -adrenergic receptors regulate 1-nitropyrene induced CXCL8 responses in BEAS-2B cells. <i>Toxicology in Vitro</i> , <b>2014</b> , 28, 1153-7	3.6	23
86	Autophagy and senescence, stress responses induced by the DNA-damaging mycotoxin alternariol. <i>Toxicology</i> , <b>2014</b> , 326, 119-29	4.4	32
85	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> , <b>2013</b> , 60, 286-96	4.7	12
84	Alternariol induces abnormal nuclear morphology and cell cycle arrest in murine RAW 264.7 macrophages. <i>Toxicology Letters</i> , <b>2013</b> , 219, 8-17	4.4	24
83	Role for membrane remodeling in cell death: implication for health and disease. <i>Toxicology</i> , <b>2013</b> , 304, 141-57	4.4	50
82	Enniatin B-induced cell death and inflammatory responses in RAW 267.4 murine macrophages. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 261, 74-87	4.6	52
81	Myristic acid increases dihydroceramide $\alpha$ -desaturase 1 (DES1) activity in cultured rat hepatocytes. <i>Lipids</i> , <b>2012</b> , 47, 117-28	1.6	12
80	Identification of the couple GSK3 $\beta$ -Myc as a new regulator of hexokinase II in benzo[a]pyrene-induced apoptosis. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 94-101	3.6	10
79	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> , <b>2012</b> , 27, 556-62	4.2	15
78	TRAIL induces necroptosis involving RIPK1/RIPK3-dependent PARP-1 activation. <i>Cell Death and Differentiation</i> , <b>2012</b> , 19, 2003-14	12.7	248
77	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> , <b>2012</b> , 63, 47-57	3.2	8
76	Induction of intracellular calcium concentration by environmental benzo(a)pyrene involves a $\alpha$ -adrenergic receptor/adenylyl cyclase/Epac-1/inositol 1,4,5-trisphosphate pathway in endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 4041-52	5.4	47
75	NHE-1 relocation outside cholesterol-rich membrane microdomains is associated with its benzo[a]pyrene-related apoptotic function. <i>Cellular Physiology and Biochemistry</i> , <b>2012</b> , 29, 657-66	3.9	12
74	Mechanisms involved in lipid accumulation and apoptosis induced by 1-nitropyrene in Hepa1c1c7 cells. <i>Toxicology Letters</i> , <b>2011</b> , 206, 289-99	4.4	20
73	Importance of plasma membrane dynamics in chemical-induced carcinogenesis. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , <b>2011</b> , 6, 347-53	2.6	20
72	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> , <b>2011</b> , 51, 2018-30	7.8	16
71	RNAi-based screening identifies kinases interfering with dioxin-mediated up-regulation of CYP1A1 activity. <i>PLoS ONE</i> , <b>2011</b> , 6, e18261	3.7	15

70	Nongenomic effects of cisplatin: acute inhibition of mechanosensitive transporters and channels without actin remodeling. <i>Cancer Research</i> , <b>2010</b> , 70, 7514-22	10.1	65
69	Cisplatin-induced apoptosis involves a Fas-ROCK-ezrin-dependent actin remodelling in human colon cancer cells. <i>European Journal of Cancer</i> , <b>2010</b> , 46, 1445-55	7.5	39
68	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> , <b>2010</b> , 56, 73-90	3.2	12
67	3-Nitrobenzanthrone and 3-aminobenzanthrone induce DNA damage and cell signalling in Hepa1c1c7 cells. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2010</b> , 684, 11-23	3.3	19
66	The B[a]P-increased intercellular communication via translocation of connexin-43 into gap junctions reduces apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 242, 231-40	4.6	24
65	Membrane remodeling, an early event in benzo[a]pyrene-induced apoptosis. <i>Toxicology and Applied Pharmacology</i> , <b>2010</b> , 243, 68-76	4.6	41
64	Akti-1/2, an allosteric inhibitor of Akt 1 and 2, efficiently inhibits CaMKII $\alpha$ activity and aryl hydrocarbon receptor pathway. <i>Chemico-Biological Interactions</i> , <b>2010</b> , 188, 546-52	5	18
63	3-nitrofluoranthene (3-NF)-induced apoptosis and programmed necrosis. <i>Autophagy</i> , <b>2009</b> , 5, 751-2	10.2	5
62	Signalling pathways involved in 1-nitropyrene (1-NP)-induced and 3-nitrofluoranthene (3-NF)-induced cell death in Hepa1c1c7 cells. <i>Mutagenesis</i> , <b>2009</b> , 24, 481-93	2.8	16
61	3-Nitrofluoranthene (3-NF) but not 3-aminofluoranthene (3-AF) elicits apoptosis as well as programmed necrosis in Hepa1c1c7 cells. <i>Toxicology</i> , <b>2009</b> , 255, 140-50	4.4	14
60	N-Myristoylation targets dihydroceramide Delta4-desaturase 1 to mitochondria: partial involvement in the apoptotic effect of myristic acid. <i>Biochimie</i> , <b>2009</b> , 91, 1411-9	4.6	31
59	Ximelagatran increases membrane fluidity and changes membrane lipid composition in primary human hepatocytes. <i>Toxicology in Vitro</i> , <b>2009</b> , 23, 1305-10	3.6	29
58	Acid sphingomyelinase deficiency protects from cisplatin-induced gastrointestinal damage. <i>Oncogene</i> , <b>2008</b> , 27, 6590-5	9.2	29
57	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> , <b>2008</b> , 228, 212-24	4.6	27
56	1-Nitropyrene (1-NP) induces apoptosis and apparently a non-apoptotic programmed cell death (paraptosis) in Hepa1c1c7 cells. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 230, 175-86	4.6	34
55	Cisplatin cytotoxicity: DNA and plasma membrane targets. <i>Current Medicinal Chemistry</i> , <b>2008</b> , 15, 2656-67	7.3	72
54	Kinetic analysis of the regulation of the Na <sup>+</sup> /H <sup>+</sup> exchanger NHE-1 by osmotic shocks. <i>Biochemistry</i> , <b>2008</b> , 47, 13674-85	3.2	26
53	Dioxin-mediated up-regulation of aryl hydrocarbon receptor target genes is dependent on the calcium/calmodulin/CaMKII $\alpha$ pathway. <i>Molecular Pharmacology</i> , <b>2008</b> , 73, 769-77	4.3	56

52	Ethanol induces oxidative stress in primary rat hepatocytes through the early involvement of lipid raft clustering. <i>Hepatology</i> , <b>2008</b> , 47, 59-70	11.2	40
51	Regulation of Na <sup>+</sup> /H <sup>+</sup> exchanger 1 allosteric balance by its localization in cholesterol- and caveolin-rich membrane microdomains. <i>Journal of Cellular Physiology</i> , <b>2008</b> , 216, 207-20	7	32
50	Gene Induction by Phenobarbital: An Update on an Old Question that Receives Key Novel Answers. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2008</b> , 89, 113-122		1
49	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> , <b>2007</b> , 231, 159-74	4.4	73
48	Different mechanisms involved in apoptosis following exposure to benzo[a]pyrene in F258 and Hepa1c1c7 cells. <i>Chemico-Biological Interactions</i> , <b>2007</b> , 167, 41-55	5	53
47	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> , <b>2007</b> , 12, 573-91	5.4	109
46	Cisplatin-induced apoptosis involves membrane fluidification via inhibition of NHE1 in human colon cancer cells. <i>Cancer Research</i> , <b>2007</b> , 67, 7865-74	10.1	126
45	c-Jun NH2-terminal kinase-related Na <sup>+</sup> /H <sup>+</sup> exchanger isoform 1 activation controls hexokinase II expression in benzo(a)pyrene-induced apoptosis. <i>Cancer Research</i> , <b>2007</b> , 67, 1696-705	10.1	30
44	TRAIL induces receptor-interacting protein 1-dependent and caspase-dependent necrosis-like cell death under acidic extracellular conditions. <i>Cancer Research</i> , <b>2007</b> , 67, 218-26	10.1	52
43	Protective effect of monosialoganglioside GM1 against chemically induced apoptosis through targeting of mitochondrial function and iron transport. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 1343-53	6	26
42	Multiple apoptotic pathways induced by p53-dependent acidification in benzo[a]pyrene-exposed hepatic F258 cells. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 208, 527-37	7	43
41	Aryl hydrocarbon receptor- and calcium-dependent induction of the chemokine CCL1 by the environmental contaminant benzo[a]pyrene. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 19906-15	5.4	91
40	Role for mitogen-activated protein kinases in phenobarbital-induced expression of cytochrome P450 2B in primary cultures of rat hepatocytes. <i>Toxicology Letters</i> , <b>2006</b> , 161, 61-72	4.4	23
39	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> , <b>2006</b> , 1090, 108-12	6.5	34
38	Cytotoxicity of TRAIL/anticancer drug combinations in human normal cells. <i>Annals of the New York Academy of Sciences</i> , <b>2006</b> , 1090, 209-16	6.5	26
37	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> , <b>2005</b> , 1056, 379-87	6.5	16
36	Role of intracellular glutathione in cell sensitivity to the apoptosis induced by tumor necrosis factor {alpha}-related apoptosis-inducing ligand/anticancer drug combinations. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 3075-83	12.9	43
35	Role for membrane fluidity in ethanol-induced oxidative stress of primary rat hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 313, 104-11	4.7	95

34	A role for caspase-8 and c-FLIPL in proliferation and cell-cycle progression of primary hepatocytes. <i>Carcinogenesis</i> , <b>2005</b> , 26, 2086-94	4.6	42
33	Cisplatin-induced CD95 redistribution into membrane lipid rafts of HT29 human colon cancer cells. <i>Cancer Research</i> , <b>2004</b> , 64, 3593-8	10.1	268
32	Identification of Na <sup>+</sup> /H <sup>+</sup> exchange as a new target for toxic polycyclic aromatic hydrocarbons. <i>FASEB Journal</i> , <b>2004</b> , 18, 344-6	0.9	39
31	Alterations of intracellular pH homeostasis in apoptosis: origins and roles. <i>Cell Death and Differentiation</i> , <b>2004</b> , 11, 953-61	12.7	338
30	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> , <b>2004</b> , 36, 1517-31	7.8	128
29	Inhibition of carcinogen-bioactivating cytochrome P450 1 isoforms by amiloride derivatives. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 1711-9	6	11
28	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> , <b>2003</b> , 1010, 167-70	6.5	18
27	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> , <b>2002</b> , 277, 49220-9	5.4	89
26	Transcriptional induction of CYP1A1 by oltipraz in human Caco-2 cells is aryl hydrocarbon receptor- and calcium-dependent. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 24780-7	5.4	62
25	Potassium antimonyl tartrate induces reactive oxygen species-related apoptosis in human myeloid leukemic HL60 cells <b>2002</b> , 20, 1071		1
24	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> , <b>2002</b> , 277, 17892-900	5.4	35
23	Acute cytotoxicity of the chemical carcinogen 2-acetylaminofluorene in cultured rat liver epithelial cells. <i>Toxicology Letters</i> , <b>2002</b> , 129, 245-54	4.4	13
22	Gene induction by Phenobarbital: an update on an old question that receives key novel answers. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2001</b> , 89, 113-22		28
21	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> , <b>2000</b> , 267, 963-70		32
20	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> , <b>2000</b> , 16, 221-33	7.4	24
19	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> , <b>2000</b> , 16, 325-37	7.4	27
18	Hepatotoxicity of tacrine: occurrence of membrane fluidity alterations without involvement of lipid peroxidation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2000</b> , 294, 160-7	4.7	52
17	Characterization of intracellular pH regulation in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , <b>1999</b> , 517 ( Pt 1), 159-80	3.9	195

16	Intracellular pH alterations induced by tacrine in a rat liver biliary epithelial cell line. <i>British Journal of Pharmacology</i> , <b>1999</b> , 128, 1673-82	8.6	13
15	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> , <b>1999</b> , 290, 1270-7	4.7	16
14	Toxic effects of tacrine on primary hepatocytes and liver epithelial cells in culture. <i>Cell Biology and Toxicology</i> , <b>1998</b> , 14, 361-73	7.4	41
13	HCO <sub>3</sub> <sup>-</sup> -dependent alkalinizing transporter in adult rat ventricular myocytes: characterization and modulation. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1997</b> , 273, H2596-603	5.2	13
12	Modulation by pH <sub>0</sub> and intracellular Ca <sup>2+</sup> of Na <sup>(+)</sup> -H <sup>+</sup> exchange in diabetic rat isolated ventricular myocytes. <i>Circulation Research</i> , <b>1997</b> , 80, 253-60	15.7	36
11	Effects of trimetazidine on pHi regulation in the rat isolated ventricular myocyte. <i>British Journal of Pharmacology</i> , <b>1996</b> , 117, 831-8	8.6	37
10	Altered Ca <sup>2+</sup> handling in ventricular myocytes isolated from diabetic rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>1996</b> , 270, H1529-37	5.2	64
9	Effects of S20787 on pHi-regulating mechanisms in isolated rat ventricular myocytes. <i>Journal of Cardiovascular Pharmacology</i> , <b>1996</b> , 28, 547-52	3.1	8
8	Coupling of dual acid extrusion in the guinea-pig isolated ventricular myocyte to alpha 1- and beta-adrenoceptors. <i>Journal of Physiology</i> , <b>1993</b> , 464, 49-73	3.9	35
7	The modulation of intracellular pH in carotid body glomus cells by extracellular pH and pCO <sub>2</sub> . <i>Advances in Experimental Medicine and Biology</i> , <b>1993</b> , 337, 103-9	3.6	2
6	Adrenaline and extracellular ATP switch between two modes of acid extrusion in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , <b>1992</b> , 458, 385-407	3.9	32
5	Role of bicarbonate in pH recovery from intracellular acidosis in the guinea-pig ventricular myocyte. <i>Journal of Physiology</i> , <b>1992</b> , 458, 361-84	3.9	189
4	Intracellular sodium activity in papillary muscle from diabetic rat hearts. <i>Experimental Physiology</i> , <b>1991</b> , 76, 147-9	2.4	15
3	Effects of extracellular pH, PCO <sub>2</sub> and HCO <sub>3</sub> <sup>-</sup> on intracellular pH in isolated type-I cells of the neonatal rat carotid body. <i>Journal of Physiology</i> , <b>1991</b> , 444, 703-21	3.9	102
2	Decreased sensitivity of contraction to changes of intracellular pH in papillary muscle from diabetic rat hearts. <i>Journal of Physiology</i> , <b>1990</b> , 422, 481-97	3.9	11
1	Intracellular pH regulation in papillary muscle cells from streptozotocin diabetic rats: an ion-sensitive microelectrode study. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1988</b> , 412, 613-7	4.6	32