Pascal Martin

List of Publications by Year
in descending order

60 papers	4,014 citations	147726 31 h-index	133188 59 g-index
61 all docs	61 docs citations	61 times ranked	7349 citing authors

#	Article	IF	Citations
1	The key roles of elongases and desaturases in mammalian fatty acid metabolism: Insights from transgenic mice. Progress in Lipid Research, 2010, 49, 186-199.	5.3	667
2	Possible involvement of pregnane X receptorâ€“enhanced CYP24 expression in drug-induced osteomalacia. Journal of Clinical Investigation, 2005, 115, 177-186.	3.9	270
3	Low doses of bisphenol a induce gene expression related to lipid synthesis and trigger triglyceride accumulation in adult mouse liver. Hepatology, 2012, 55, 395-407.	3.6	253
4	CCA: AnRPackage to Extend Canonical Correlation Analysis. Journal of Statistical Software, 2008, 23, .	1.8	232
5	Sparse canonical methods for biological data integration: application to a cross-platform study. BMC Bioinformatics, 2009, 10, 34.	1.2	219
6	Impact of oral bisphenol A at reference doses on intestinal barrier function and sex differences after perinatal exposure in rats. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 448-453.	3.3	155
7	Integrator complex regulates NELF-mediated RNA polymerase II pause/release and processivity at coding genes. Nature Communications, 2014, 5, 5531.	5.8	150
8	Apelin and APJ regulation in adipose tissue and skeletal muscle of type 2 diabetic mice and humans. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1161-E1169.	1.8	126
9	Chronic high-fat diet affects intestinal fat absorption and postprandial triglyceride levels in the mouse. Journal of Lipid Research, 2007, 48, 278-287.	2.0	117
10	Novel aspects of PPARÎ±-mediated regulation of lipid and xenobiotic metabolism revealed through a nutrigenomic study. Hepatology, 2007, 45, 767-777.	3.6	115
11	The miRâ€379/miRâ€410 cluster at the imprinted Dlk1â€Dio3 domain controls neonatal metabolic adaptation. EMBO Journal, 2014, 33, 2216-2230.	3.5	115
12	Chromatin Immunoprecipitation Indirect Peaks Highlight Long-Range Interactions of Insulator Proteins and Pol II Pausing. Molecular Cell, 2014, 53, 672-681.	4.5	102
13	Adverse effects of long-term exposure to bisphenol A during adulthood leading to hyperglycaemia and hypercholesterolemia in mice. Toxicology, 2014, 325, 133-143.	2.0	97
14	Changes in Intestinal Glucocorticoid Sensitivity in Early Life Shape the Risk of Epithelial Barrier Defect in Maternal-Deprived Rats. PLoS ONE, 2014, 9, e88382.	1.1	71
15	Phenylbutyrate up-regulates the adrenoleukodystrophy-related gene as a nonclassical peroxisome proliferator. Journal of Cell Biology, 2005, 169, 93-104.	2.3	67
16	Transcriptional Regulation of Hepatic Fatty Acid Metabolism. Sub-Cellular Biochemistry, 2008, 49, 3-47.	1.0	61
17	Di-(2-ethylhexyl)-phthalate (DEHP) activates the constitutive androstane receptor (CAR): A novel signalling pathway sensitive to phthalates. Biochemical Pharmacology, 2009, 77, 1735-1746.	2.0	60
18	CYP450-Dependent Biotransformation of the Insecticide Fipronil into Fipronil Sulfone Can Mediate Fipronil-Induced Thyroid Disruption in Rats. Toxicological Sciences, 2012, 127, 29-41.	1.4	58

#	Article	IF	Citations
19	Liver X Receptor: an oxysterol sensor and a major player in the control of lipogenesis. Chemistry and Physics of Lipids, 2011, 164, 500-514.	1.5	57
20	Physicochemical characterization of the endotoxins from Coxiella burnetii strain Priscilla in relation to their bioactivities. BMC Biochemistry, 2004, 5, 1.	4.4	50
21	Identification of potential mechanisms of toxicity after di-(2-ethylhexyl)-phthalate (DEHP) adult exposure in the liver using a systems biology approach. Toxicology and Applied Pharmacology, 2009, 236, 282-292.	1.3	49
22	HIGHLIGHTING RELATIONSHIPS BETWEEN HETEROGENEOUS BIOLOGICAL DATA THROUGH GRAPHICAL DISPLAYS BASED ON REGULARIZED CANONICAL CORRELATION ANALYSIS. Journal of Biological Systems, 2009, 17, 173-199.	0.5	47
23	Dietary oleic acid regulates hepatic lipogenesis through a liver X receptor-dependent signaling. PLoS ONE, 2017, 12, e0181393.	1.1	47
24	Fumonisin B1 exposure and its selective effect on porcine jejunal segment: Sphingolipids, glycolipids and trans-epithelial passage disturbance. Biochemical Pharmacology, 2007, 74, 144-152.	2.0	46
25	Co-Occurrence of DON and Emerging Mycotoxins in Worldwide Finished Pig Feed and Their Combined Toxicity in Intestinal Cells. Toxins, 2019, 11, 727.	1.5	46
26	Effect of Breed upon Cytochromes P450 and Phase II Enzyme Expression in Cattle Liver. Drug Metabolism and Disposition, 2008, 36, 885-893.	1.7	43
27	Essential fatty acids deficiency promotes lipogenic gene expression and hepatic steatosis through the liver X receptor. Journal of Hepatology, 2013, 58, 984-992.	1.8	41
28	Effects of dexamethasone, administered for growth promoting purposes, upon the hepatic cytochrome P450 3A expression in the veal calf. Biochemical Pharmacology, 2009, 77, 451-463.	2.0	38
29	Comparative effect of fenofibrate on hepatic desaturases in wild-type and peroxisome proliferator-activated receptor Î±-deficient mice. Lipids, 2002, 37, 981-989.	0.7	37
30	The nuclear receptors pregnane X receptor and constitutive androstane receptor contribute to the impact of fipronil on hepatic gene expression linked to thyroid hormone metabolism. Biochemical Pharmacology, 2013, 86, 997-1039.	2.0	37
31	BORDER proteins protect expression of neighboring genes by promoting 3â€² Pol II pausing in plants. Nature Communications, 2019, 10, 4359.	5.8	36
32	Widespread premature transcription termination of Arabidopsis thaliana NLR genes by the spen protein FPA. ELife, 2021, 10, .	2.8	36
33	Effects of Illicit Dexamethasone upon Hepatic Drug Metabolizing Enzymes and Related Transcription Factors mRNAs and Their Potential Use As Biomarkers in Cattle. Journal of Agricultural and Food Chemistry, 2010, 58, 1342-1349.	2.4	34
34	Clustering Time-Series Gene Expression Data Using Smoothing Spline Derivatives. Eurasip Journal on Bioinformatics and Systems Biology, 2007, 2007, 1-10.	1.4	32
35	A role for PPARÎ± in the regulation of arginine metabolism and nitric oxide synthesis. Amino Acids, 2011, 41, 969-979.	1.2	30
36	Muscle transcriptomic investigation of late fetal development identifies candidate genes for piglet maturity. BMC Genomics, 2014, 15, 797.	1.2	29

#	Article	IF	Citations
37	The 7SK/P-TEFb snRNP controls ultraviolet radiation-induced transcriptional reprogramming. Cell Reports, 2021, 35, 108965.	2.9	28
38	Effects of peroxisome proliferator-activated receptor Î± activation on pathways contributing to cholesterol homeostasis in rat hepatocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1683, 49-58.	1.2	27
39	PPARÎ± transcriptionally induces AhR expression in Caco-2, but represses AhR pro-inflammatory effects. Biochemical and Biophysical Research Communications, 2007, 364, 896-901.	1.0	24
40	Expanding Duplication of Free Fatty Acid Receptor-2 (GPR43) Genes in the Chicken Genome. Genome Biology and Evolution, 2015, 7, 1332-1348.	1.1	24
41	P-glycoprotein Dysfunction Contributes to Hepatic Steatosis and Obesity in Mice. PLoS ONE, 2011, 6, e23614.	1.1	24
42	Cytochrome P450 inhibition profile in liver of veal calves administered a combination of 17Î²-estradiol, clenbuterol, and dexamethasone for growth-promoting purposes. Food and Chemical Toxicology, 2008, 46, 2849-2855.	1.8	23
43	Impairment of adipose tissue in Praderâ€“Willi syndrome rescued by growth hormone treatment. International Journal of Obesity, 2014, 38, 1234-1240.	1.6	23
44	A systems biology approach to the hepatic role of the oxysterol receptor LXR in the regulation of lipogenesis highlights a cross-talk with PPARÎ±. Biochimie, 2013, 95, 556-567.	1.3	21
45	FAN Stimulates TNFÎ±-Induced Gene Expression, Leukocyte Recruitment, and Humoral Response. Journal of Immunology, 2009, 183, 5369-5378.	0.4	18
46	FAN (factor associated with neutral sphingomyelinase activation), a moonlighting protein in TNF-R1 signaling. Journal of Leukocyte Biology, 2010, 88, 897-903.	1.5	17
47	Increased entropy production in diaphragm muscle of PPARÎ± knockout mice. Journal of Theoretical Biology, 2008, 250, 92-102.	0.8	14
48	Transcriptomic and nuclear architecture of immune cells after LPS activation. Chromosoma, 2011, 120, 501-520.	1.0	14
49	The Extent of mRNA Editing Is Limited in Chicken Liver and Adipose, but Impacted by Tissular Context, Genotype, Age, and Feeding as Exemplified with a Conserved Edited Site in COG3. G3: Genes, Genomes, Genetics, 2016, 6, 321-335.	0.8	13
50	Influence of Dyslipidemia on Moxidectin Distribution in Plasma Lipoproteins and on its Pharmacokinetics. Pharmaceutical Research, 2006, 23, 2672-2680.	1.7	11
51	Transcriptional Modulations by RXR Agonists Are Only Partially Subordinated to PPARÎ± Signaling and Attest Additional, Organ-Specific, Molecular Cross-Talks. Gene Expression, 2005, 12, 177-192.	0.5	10
52	The Peroxisomal3-keto-acyl-CoA thiolase BGene Expression Is under the Dual Control of PPARÎ± and HNF4Î± in the Liver. PPAR Research, 2010, 2010, 1-17.	1.1	10
53	Exploring transcriptomic diversity in muscle revealed that cellular signaling pathways mainly differentiate five Western porcine breeds. BMC Genomics, 2015, 16, 1055.	1.2	9
54	The BORDER family of negative transcription elongation factors regulates flowering time in Arabidopsis. Current Biology, 2021, 31, 5377-5384.e5.	1.8	8

#	Article	IF	Citations
55	A minimal model for hepatic fatty acid balance during fasting: Application to PPAR alpha-deficient mice. Journal of Theoretical Biology, 2009, 261, 266-278.	0.8	7
56	Consequences of PPAR_{Î±}Invalidation on Glutathione Synthesis: Interactions with Dietary Fatty Acids. PPAR Research, 2011, 2011, 1-10.	1.1	6
57	High potency of bioactivation of 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine (PhIP) in mouse colon epithelial cells with ApcMin mutation. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 653, 34-43.	0.9	5
58	NO synthesis from arginine is favored by Î±-linolenic acid in mice fed a high-fat diet. Amino Acids, 2016, 48, 2157-2168.	1.2	4
59	Transcriptomic modifications of the thyroid gland upon exposure to phytosanitary-grade fipronil: Evidence for the activation of compensatory pathways. Toxicology and Applied Pharmacology, 2020, 389, 114873.	1.3	4
60	MÃ©tabolomique, mÃ©tabonomique et les prÃ©occupations en matiÃ¨re de sÃ©curitÃ© alimentaire et de protection de la santÃ© des consommateurs. Oleagineux Corps Gras Lipides, 2008, 15, 300-304.	0.2	0