

Martine Daujat-Chavanieu

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

2,931
citations

159585

30
h-index

168389

53
g-index

65
all docs

65
docs citations

65
times ranked

3413
citing authors

#	ARTICLE	IF	CITATIONS
1	Omeprazole is an aryl hydrocarbon-like inducer of human hepatic cytochrome P450. <i>Gastroenterology</i> , 1990, 99, 737-747.	1.3	300
2	The Tangle of Nuclear Receptors that Controls Xenobiotic Metabolism and Transport: Crosstalk and Consequences. <i>Annual Review of Pharmacology and Toxicology</i> , 2008, 48, 1-32.	9.4	263
3	Transcriptional Regulation of CYP2C9 Gene. <i>Journal of Biological Chemistry</i> , 2002, 277, 209-217.	3.4	234
4	Interleukin-6 Negatively Regulates the Expression of Pregnane X Receptor and Constitutively Activated Receptor in Primary Human Hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 2000, 274, 707-713.	2.1	220
5	Omeprazole, an inducer of human CYP1A1 and 1A2, is not a ligand for the Ah receptor. <i>Biochemical and Biophysical Research Communications</i> , 1992, 188, 820-825.	2.1	128
6	Synergistic activation of human pregnane X receptor by binary cocktails of pharmaceutical and environmental compounds. <i>Nature Communications</i> , 2015, 6, 8089.	12.8	125
7	A Specific ChREBP and PPAR α Cross-Talk Is Required for the Glucose-Mediated FGF21 Response. <i>Cell Reports</i> , 2017, 21, 403-416.	6.4	99
8	Modular bioreactor for primary human hepatocyte culture: Medium flow stimulates expression and activity of detoxification genes. <i>Biotechnology Journal</i> , 2011, 6, 554-564.	3.5	94
9	Ketoconazole and Miconazole Are Antagonists of the Human Glucocorticoid Receptor: Consequences on the Expression and Function of the Constitutive Androstane Receptor and the Pregnane X Receptor. <i>Molecular Pharmacology</i> , 2006, 70, 329-339.	2.3	87
10	Evidence for the Ligand-Independent Activation of the AH Receptor. <i>Biochemical and Biophysical Research Communications</i> , 1995, 209, 474-482.	2.1	77
11	Regulation of Dioxin Receptor Function by Omeprazole. <i>Journal of Biological Chemistry</i> , 1997, 272, 12705-12713.	3.4	72
12	Isolation, Characterization, and Differentiation to Hepatocyte-Like Cells of Nonparenchymal Epithelial Cells from Adult Human Liver. <i>Stem Cells</i> , 2007, 25, 1779-1790.	3.2	72
13	Increased Hepatic PDGF-AA Signaling Mediates Liver Insulin Resistance in Obesity-Associated Type 2 Diabetes. <i>Diabetes</i> , 2018, 67, 1310-1321.	0.6	64
14	Induction of CYP1A1 Gene by Benzimidazole Derivatives During Caco-2 Cell Differentiation. Evidence for an aryl-Hydrocarbon Receptor-Mediated Mechanism. <i>FEBS Journal</i> , 1996, 237, 642-652.	0.2	59
15	The WNT/ β -Catenin Pathway Is a Transcriptional Regulator of $CYP2E1$, $CYP1A2$, and Aryl Hydrocarbon Receptor Gene Expression in Primary Human Hepatocytes. <i>Molecular Pharmacology</i> , 2014, 86, 624-634.	2.3	57
16	Role of CYP3A4 in the regulation of the aryl hydrocarbon receptor by omeprazole sulphide. <i>Cellular Signalling</i> , 2006, 18, 740-750.	3.6	53
17	Impact of Alginate Composition: From Bead Mechanical Properties to Encapsulated HepG2/C3A Cell Activities for In Vivo Implantation. <i>PLoS ONE</i> , 2013, 8, e62032.	2.5	53
18	Novel role for carbohydrate responsive element binding protein in the control of ethanol metabolism and susceptibility to binge drinking. <i>Hepatology</i> , 2015, 62, 1086-1100.	7.3	51

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19	Expression of five forms of microsomal cytochrome P-450 in primary cultures of rabbit hepatocytes treated with various classes of inducers. <i>Biochemical Pharmacology</i> , 1987, 36, 3597-3606.	4.4	50
20	Skatole (3-Methylindole) Is a Partial Aryl Hydrocarbon Receptor Agonist and Induces CYP1A1/2 and CYP1B1 Expression in Primary Human Hepatocytes. <i>PLoS ONE</i> , 2016, 11, e0154629.	2.5	50
21	The interleukin-2 receptor down-regulates the expression of cytochrome P450 in cultured rat hepatocytes. <i>Gastroenterology</i> , 1995, 109, 1589-1599.	1.3	45
22	Regulation of CAR and PXR Expression in Health and Disease. <i>Cells</i> , 2020, 9, 2395.	4.1	43
23	Mitochondrial Complex I activity signals antioxidant response through ERK5. <i>Scientific Reports</i> , 2018, 8, 7420.	3.3	38
24	Nuclear receptors in the cross-talk of drug metabolism and inflammation. <i>Drug Metabolism Reviews</i> , 2013, 45, 122-144.	3.6	37
25	FOXP3+ Regulatory T Cells in Hepatic Fibrosis and Splenomegaly Caused by <i>Schistosoma japonicum</i> : The Spleen May Be a Major Source of Tregs in Subjects with Splenomegaly. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004306.	3.0	36
26	Activation of the aryl hydrocarbon receptor decreases rifampicin-induced CYP3A4 expression in primary human hepatocytes and HepaRG. <i>Toxicology Letters</i> , 2017, 277, 1-8.	0.8	35
27	Complete Sequence of Cytochrome P450 3c cDNA and Presence of Two mRNA Species with 3' Untranslated Regions of Different Lengths. <i>DNA and Cell Biology</i> , 1988, 7, 39-46.	5.2	34
28	Induction, regulation and messenger half-life of cytochromes P450 IA1, IA2 and IIIA6 in primary cultures of rabbit hepatocytes. CYP 1A1, 1A2 and 3A6 chromosome location in the rabbit and evidence that post-transcriptional control of gene IA2 does not involve mRNA stabilization. <i>FEBS Journal</i> , 1991, 200, 501-510.	0.2	34
29	Comparison of Hepatic-like Cell Production from Human Embryonic Stem Cells and Adult Liver Progenitor Cells: CAR Transduction Activates a Battery of Detoxification Genes. <i>Stem Cell Reviews and Reports</i> , 2011, 7, 518-531.	5.6	34
30	Microtubules-interfering agents restrict aryl hydrocarbon receptor-mediated CYP1A2 induction in primary cultures of human hepatocytes via c-jun-N-terminal kinase and glucocorticoid receptor. <i>European Journal of Pharmacology</i> , 2008, 581, 244-254.	3.5	30
31	Improving Prediction of Metabolic Clearance Using Quantitative Extrapolation of Results Obtained From Human Hepatic Micropatterned Cocultures Model and by Considering the Impact of Albumin Binding. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 1957-1972.	3.3	29
32	Developmental expression of rabbit cytochrome P450 CYP1 A1, CYP1 A2 and CYP3 A6 genes. Effect of weaning and rifampicin. <i>FEBS Journal</i> , 1991, 197, 145-153.	0.2	27
33	Lipid-Mediated Transfection of Normal Adult Human Hepatocytes in Primary Culture. <i>Analytical Biochemistry</i> , 1997, 247, 34-44.	2.4	26
34	Evidence for an important role of host microRNAs in regulating hepatic fibrosis in humans infected with <i>Schistosoma japonicum</i> . <i>International Journal for Parasitology</i> , 2017, 47, 823-830.	3.1	26
35	The PDK1 Inhibitor Dichloroacetate Controls Cholesterol Homeostasis Through the ERK5/MEF2 Pathway. <i>Scientific Reports</i> , 2017, 7, 10654.	3.3	23
36	MitoCeption: Transferring Isolated Human MSC Mitochondria to Glioblastoma Stem Cells. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	22

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37	Changes in metabolism affect expression of ABC transporters through ERK5 and depending on p53 status. <i>Oncotarget</i> , 2018, 9, 1114-1129.	1.8	22
38	In vitro infection of primary human hepatocytes by HCV-positive sera: insights on a highly relevant model. <i>Gut</i> , 2014, 63, 1490-1500.	12.1	19
39	Mesenchymal stem cells seeded on a human amniotic membrane improve liver regeneration and mouse survival after extended hepatectomy. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1062-1073.	2.7	19
40	Cold Preservation of Human Adult Hepatocytes for Liver Cell Therapy. <i>Cell Transplantation</i> , 2015, 24, 2541-2555.	2.5	16
41	Butyrate, a typical product of gut microbiome, affects function of the AhR gene, being a possible agent of crosstalk between gut microbiome, and hepatic drug metabolism. <i>Journal of Nutritional Biochemistry</i> , 2022, 107, 109042.	4.2	14
42	SUPLIVER: Bioartificial supply for liver failure. <i>Irbm</i> , 2015, 36, 101-109.	5.6	13
43	The Anti-Cancer Drug Dabrafenib Is a Potent Activator of the Human Pregnane X Receptor. <i>Cells</i> , 2020, 9, 1641.	4.1	13
44	Analysis of Glycogen Synthase Kinase Inhibitors That Regulate Cytochrome P450 Expression in Primary Human Hepatocytes by Activation of β^2 -Catenin, Aryl Hydrocarbon Receptor and Pregnane X Receptor Signaling. <i>Toxicological Sciences</i> , 2015, 148, 261-275.	3.1	10
45	Epidermal Growth Factor Represses Constitutive Androstane Receptor Expression in Primary Human Hepatocytes and Favors Regulation by Pregnane X Receptor. <i>Drug Metabolism and Disposition</i> , 2018, 46, 223-236.	3.3	10
46	Adult-Derived Human Liver Stem/Progenitor Cells Infused 3 Days Postsurgery Improve Liver Regeneration in a Mouse Model of Extended Hepatectomy. <i>Cell Transplantation</i> , 2017, 26, 351-364.	2.5	9
47	Primary hepatocytes isolated from human and porcine donors display similar patterns of cytochrome p450 expression following exposure to prototypical activators of AhR, CAR and PXR. <i>Current Research in Toxicology</i> , 2021, 2, 149-158.	2.7	9
48	Isolation and Culture of Adult Human Liver Progenitor Cells: In Vitro Differentiation to Hepatocyte-Like Cells. <i>Methods in Molecular Biology</i> , 2010, 640, 247-260.	0.9	8
49	Comparative Effects of Rabepazole and Omeprazole on the Inducibility of Cytochrome P450-1A and Cytochrome P450-3A Isoenzymes in Human Hepatocytes, and Effects on Cyclosporin Metabolism in Human Liver Microsomes. <i>Clinical Drug Investigation</i> , 2000, 20, 245-254.	2.2	7
50	The impact of serotonergic system dysfunction on the regulation of P4501A isoforms during liver insufficiency and consequences for thyroid hormone homeostasis. <i>Food and Chemical Toxicology</i> , 2016, 97, 70-81.	3.6	6
51	Altered cytokine profile under control of the serotonergic system determines the regulation of CYP2C11 and CYP3A isoforms. <i>Food and Chemical Toxicology</i> , 2018, 116, 369-378.	3.6	6
52	Electrotransfer of Microsomal Cytochrome P450 After Isoelectric Focusing (IEF Blots): Resolution of Human 2A and 3A Isozymes. <i>Analytical Biochemistry</i> , 1994, 218, 80-86.	2.4	5
53	The Non-Proliferative Nature of Ascidian Folliculogenesis as a Model of Highly Ordered Cellular Topology Distinct from Proliferative Epithelia. <i>PLoS ONE</i> , 2015, 10, e0126341.	2.5	5
54	Albumin is a secret factor involved in multidirectional interactions among the serotonergic, immune and endocrine systems that supervises the mechanism of CYP1A and CYP3A regulation in the liver. , 2020, 215, 107616.		5

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55	Usage of Adenovirus Expressing Thymidine Kinase Mediated Hepatocellular Damage for Enabling Mouse Liver Repopulation with Allogenic or Xenogenic Hepatocytes. PLoS ONE, 2013, 8, e74948.	2.5	4
56	Glucose Starvation or Pyruvate Dehydrogenase Activation Induce a Broad, ERK5-Mediated, Metabolic Remodeling Leading to Fatty Acid Oxidation. Cells, 2022, 11, 1392.	4.1	1
57	512 IN VITRO PRODUCTION OF HEPATOCYTES FROM HUMAN EMBRYONIC STEM CELLS. Journal of Hepatology, 2008, 48, S193-S194.	3.7	0
58	296 ISOLATION, CHARACTERIZATION AND HEPATOCYTE DIFFERENTIATION OF HUMAN ADULT PROGENITOR CELLS FROM LIVER AND PANCREAS. Journal of Hepatology, 2013, 58, S125.	3.7	0
59	1155 PRIMARY HUMAN HEPATOCYTES AND CLINICAL STRAINS OF HEPATITIS C VIRUS: A HIGHLY RELEVANT IN VITRO MODEL FOR ANTIVIRAL DRUG DEVELOPMENT. Journal of Hepatology, 2013, 58, S469-S470.	3.7	0
60	Biocompatible modified water as a non-pharmaceutical approach to prevent metabolic syndrome features in obesogenic diet-fed mice. Food and Chemical Toxicology, 2020, 141, 111403.	3.6	0