

Jrôme Gouttenoire

List of Publications by Citations

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49
papers

2,146
citations

27
h-index

46
g-index

53
ext. papers

2,481
ext. citations

6.5
avg, IF

4.57
L-index

#	Paper	IF	Citations
49	Structural and functional studies of nonstructural protein 2 of the hepatitis C virus reveal its key role as organizer of virion assembly. <i>PLoS Pathogens</i> , 2010 , 6, e1001233	7.6	144
48	Sofosbuvir Inhibits Hepatitis E Virus Replication In Vitro and Results in an Additive Effect When Combined With Ribavirin. <i>Gastroenterology</i> , 2016 , 150, 82-85.e4	13.3	130
47	Update on hepatitis E virology: Implications for clinical practice. <i>Journal of Hepatology</i> , 2016 , 65, 200-212	3.4	124
46	Hepatitis C virus-linked mitochondrial dysfunction promotes hypoxia-inducible factor 1 alpha-mediated glycolytic adaptation. <i>Journal of Virology</i> , 2010 , 84, 647-60	6.6	121
45	Nonstructural protein 3-4A: the Swiss army knife of hepatitis C virus. <i>Journal of Viral Hepatitis</i> , 2011 , 18, 305-15	3.4	116
44	Hepatitis B and C virus coinfection: a novel model system reveals the absence of direct viral interference. <i>Hepatology</i> , 2009 , 50, 46-55	11.2	105
43	Functions of transforming growth factor-beta family type I receptors and Smad proteins in the hypertrophic maturation and osteoblastic differentiation of chondrocytes. <i>Journal of Biological Chemistry</i> , 2002 , 277, 33545-58	5.4	103
42	NS4B self-interaction through conserved C-terminal elements is required for the establishment of functional hepatitis C virus replication complexes. <i>Journal of Virology</i> , 2011 , 85, 6963-76	6.6	96
41	Hepatitis C virus nonstructural protein 4B: a journey into unexplored territory. <i>Reviews in Medical Virology</i> , 2010 , 20, 117-29	11.7	96
40	Cleavage of mitochondrial antiviral signaling protein in the liver of patients with chronic hepatitis C correlates with a reduced activation of the endogenous interferon system. <i>Hepatology</i> , 2010 , 51, 1127-36	11.2	93
39	GLUT3 is induced during epithelial-mesenchymal transition and promotes tumor cell proliferation in non-small cell lung cancer. <i>Cancer & Metabolism</i> , 2014 , 2, 11	5.4	81
38	Identification of a novel determinant for membrane association in hepatitis C virus nonstructural protein 4B. <i>Journal of Virology</i> , 2009 , 83, 6257-68	6.6	81
37	Amphipathic alpha-helix AH2 is a major determinant for the oligomerization of hepatitis C virus nonstructural protein 4B. <i>Journal of Virology</i> , 2010 , 84, 12529-37	6.6	70
36	An amphipathic alpha-helix at the C terminus of hepatitis C virus nonstructural protein 4B mediates membrane association. <i>Journal of Virology</i> , 2009 , 83, 11378-84	6.6	58
35	Genetic analyses reveal a role for vitamin D insufficiency in HCV-associated hepatocellular carcinoma development. <i>PLoS ONE</i> , 2013 , 8, e64053	3.7	53
34	Ascorbate modulation of bovine chondrocyte growth, matrix protein gene expression and synthesis in three-dimensional collagen sponges. <i>Biomaterials</i> , 2003 , 24, 851-61	15.6	47
33	Vitamin D receptor and Jak-STAT signaling crosstalk results in calcitriol-mediated increase of hepatocellular response to IFN- α . <i>Journal of Immunology</i> , 2014 , 192, 6037-44	5.3	46

32	Aminoterminal amphipathic α 1 helix AH1 of hepatitis C virus nonstructural protein 4B possesses a dual role in RNA replication and virus production. <i>PLoS Pathogens</i> , 2014 , 10, e1004501	7.6	43
31	Activation by IL-1 of bovine articular chondrocytes in culture within a 3D collagen-based scaffold. An in vitro model to address the effect of compounds with therapeutic potential in osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2006 , 14, 631-40	6.2	42
30	Integrin α 1 β 1 mediates collagen induction of MMP-13 expression in MC615 chondrocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2005 , 1746, 55-64	4.9	39
29	Palmitoylation mediates membrane association of hepatitis E virus ORF3 protein and is required for infectious particle secretion. <i>PLoS Pathogens</i> , 2018 , 14, e1007471	7.6	39
28	Alternative splicing of type II procollagen pre-mRNA in chondrocytes is oppositely regulated by BMP-2 and TGF- β 1. <i>FEBS Letters</i> , 2003 , 545, 115-9	3.8	38
27	Analysis of hepatitis C virus resistance to silibinin in vitro and in vivo points to a novel mechanism involving nonstructural protein 4B. <i>Hepatology</i> , 2013 , 57, 953-63	11.2	36
26	Quantitative proteomics identifies the membrane-associated peroxidase GPx8 as a cellular substrate of the hepatitis C virus NS3-4A protease. <i>Hepatology</i> , 2014 , 59, 423-33	11.2	35
25	Visualization of hepatitis E virus RNA and proteins in the human liver. <i>Journal of Hepatology</i> , 2017 , 67, 471-479	13.4	31
24	Rabbit HEV in immunosuppressed patients with hepatitis E acquired in Switzerland. <i>Journal of Hepatology</i> , 2019 , 70, 1023-1025	13.4	30
23	BMP-2 and TGF- β 1 differentially control expression of type II procollagen and α 10 and α 11 integrins in mouse chondrocytes. <i>European Journal of Cell Biology</i> , 2010 , 89, 307-14	6.1	27
22	Pan-Genotype Hepatitis E Virus Replication in Stem Cell-Derived Hepatocellular Systems. <i>Gastroenterology</i> , 2018 , 154, 663-674.e7	13.3	24
21	Knockdown of the intraflagellar transport protein IFT46 stimulates selective gene expression in mouse chondrocytes and affects early development in zebrafish. <i>Journal of Biological Chemistry</i> , 2007 , 282, 30960-73	5.4	24
20	Cell-free expression, purification, and membrane reconstitution for NMR studies of the nonstructural protein 4B from hepatitis C virus. <i>Journal of Biomolecular NMR</i> , 2016 , 65, 87-98	3	20
19	Identification of GBF1 as a cellular factor required for hepatitis E virus RNA replication. <i>Cellular Microbiology</i> , 2018 , 20, e12804	3.9	19
18	Wheat germ cell-free expression: Two detergents with a low critical micelle concentration allow for production of soluble HCV membrane proteins. <i>Protein Expression and Purification</i> , 2015 , 105, 39-46	2	18
17	Recombinant Hepatitis E Viruses Harboring Tags in the ORF1 Protein. <i>Journal of Virology</i> , 2019 , 93,	6.6	16
16	Hepatitis C virus RNA replication requires a conserved structural motif within the transmembrane domain of the NS5B RNA-dependent RNA polymerase. <i>Journal of Virology</i> , 2010 , 84, 11580-4	6.6	15
15	Sofosbuvir add-on to ribavirin for chronic hepatitis E in a cirrhotic liver transplant recipient: a case report. <i>BMC Gastroenterology</i> , 2019 , 19, 76	3	14

14	Hepatitis C virus variants resistant to macrocyclic NS3-4A inhibitors subvert IFN- α induction by efficient MAVS cleavage. <i>Journal of Hepatology</i> , 2015 , 62, 779-84	13.4	11
13	Determinants for membrane association of the hepatitis C virus NS2 protease domain. <i>Journal of Virology</i> , 2014 , 88, 6519-23	6.6	11
12	Glycogen Synthase Kinase 3 β Enhances Hepatitis C Virus Replication by Supporting miR-122. <i>Frontiers in Microbiology</i> , 2018 , 9, 2949	5.7	10
11	NS2 proteins of GB virus B and hepatitis C virus share common protease activities and membrane topologies. <i>Journal of Virology</i> , 2014 , 88, 7426-44	6.6	7
10	RNA extraction from cartilage. <i>Methods in Molecular Medicine</i> , 2004 , 100, 101-4		7
9	Differential modulation of hepatitis C virus replication and innate immune pathways by synthetic calcitriol-analogs. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018 , 183, 142-151	5.1	5
8	On the Host Side of the Hepatitis E Virus Life Cycle. <i>Cells</i> , 2020 , 9,	7.9	4
7	Surprises from the crystal structure of the hepatitis C virus NS2-3 protease. <i>Hepatology</i> , 2006 , 44, 1690-3	11.2	4
6	Treatment of chronic hepatitis E with ribavirin: lessons from deep sequencing. <i>Gut</i> , 2016 , 65, 1583-4	19.2	4
5	OCIAD1 is a host mitochondrial substrate of the hepatitis C virus NS3-4A protease. <i>PLoS ONE</i> , 2020 , 15, e0236447	3.7	3
4	Hepatitis E virus finds its path through the gut. <i>Gut</i> , 2020 , 69, 796-798	19.2	2
3	Reply. <i>Gastroenterology</i> , 2016 , 150, 1690-1691	13.3	
2	Gene expression analysis in cartilage by in situ hybridization. <i>Methods in Molecular Medicine</i> , 2004 , 100, 105-8		
1	Autochthonous hepatitis E as a cause of acute-on-chronic liver failure and death: histopathology can be misleading but transaminases may provide a clue. <i>Swiss Medical Weekly</i> , 2021 , 151, w20502	3.1	