

# Chantal Desdouets

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

1,546  
citations

471509

17  
h-index

580821

25  
g-index

27  
all docs

27  
docs citations

27  
times ranked

2168  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liver Cell Polyploidization: A Pivotal Role for Binuclear Hepatocytes. <i>Journal of Biological Chemistry</i> , 2003, 278, 19095-19101.	3.4	258
2	Oxidative stress promotes pathologic polyploidization in nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2015, 125, 981-992.	8.2	188
3	Polyploidization in Liver Tissue. <i>American Journal of Pathology</i> , 2014, 184, 322-331.	3.8	156
4	Liver tetraploidization is controlled by a new process of incomplete cytokinesis. <i>Journal of Cell Science</i> , 2007, 120, 3633-3639.	2.0	140
5	The insulin/Akt pathway controls a specific cell division program that leads to generation of binucleated tetraploid liver cells in rodents. <i>Journal of Clinical Investigation</i> , 2009, 119, 1880-7.	8.2	112
6	Polyploidy in liver development, homeostasis and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2020, 17, 391-405.	17.8	111
7	Polyploidization of liver cells. <i>Advances in Experimental Medicine and Biology</i> , 2010, 676, 123-135.	1.6	105
8	Polyploidy spectrum: a new marker in HCC classification. <i>Gut</i> , 2020, 69, 355-364.	12.1	82
9	Hepatocytes Polyploidization and Cell Cycle Control in Liver Physiopathology. <i>International Journal of Hepatology</i> , 2012, 2012, 1-8.	1.1	64
10	Reactive cholangiocytes differentiate into proliferative hepatocytes with efficient DNA repair in mice with chronic liver injury. <i>Journal of Hepatology</i> , 2019, 70, 1180-1191.	3.7	61
11	Polyploidy and liver proliferation: Central role of insulin signaling. <i>Cell Cycle</i> , 2010, 9, 460-466.	2.6	60
12	ATF/CREB site mediated transcriptional activation and p53 dependent repression of the cyclin A promoter. <i>FEBS Letters</i> , 1996, 385, 34-38.	2.8	41
13	AMPK $\beta$ 1 controls hepatocyte proliferation independently of energy balance by regulating Cyclin A2 expression. <i>Journal of Hepatology</i> , 2014, 60, 152-159.	3.7	38
14	Hepatitis B virus X protein promotes DNA damage propagation through disruption of liver polyploidization and enhances hepatocellular carcinoma initiation. <i>Oncogene</i> , 2019, 38, 2645-2657.	5.9	26
15	LKB1 as a Gatekeeper of Hepatocyte Proliferation and Genomic Integrity during Liver Regeneration. <i>Cell Reports</i> , 2018, 22, 1994-2005.	6.4	23
16	cAMP-Dependent Positive Control of Cyclin A2 Expression during G1/S Transition in Primary Hepatocytes. <i>Biochemical and Biophysical Research Communications</i> , 1999, 261, 118-122.	2.1	18
17	Liver polyploidy: Dr Jekyll or Mr Hide?. <i>Oncotarget</i> , 2015, 6, 8430-8431.	1.8	17
18	Histone stress: an unexplored source of chromosomal instability in cancer?. <i>Current Genetics</i> , 2019, 65, 1081-1088.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Hepatocyte Polyploidy: Driver or Gatekeeper of Chronic Liver Diseases. <i>Cancers</i> , 2021, 13, 5151.	3.7	11
20	Conserved balance of hepatocyte nuclear DNA content in mononuclear and binuclear hepatocyte populations during the course of chronic viral hepatitis. <i>World Journal of Gastroenterology</i> , 2006, 12, 4546.	3.3	8
21	Inhibiting Cytokinesis in the Liver: A New Way to Reduce Tumor Development. <i>Gastroenterology</i> , 2018, 154, 1229-1231.	1.3	5
22	An obesogenic feedforward loop involving PPAR $\alpha$ , acyl-CoA binding protein and GABAA receptor. <i>Cell Death and Disease</i> , 2022, 13, 356.	6.3	5
23	Liver physiological polyploidization: MicroRNA-122 a key regulator. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2017, 41, 123-125.	1.5	3
24	Cellular and Molecular Mechanisms Controlling Ploidy. , 2018, , .		1
25	Decoding therapy resistance in liver tumours: a giant leap. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, , .	17.8	0