

Marie-Brengre Troadec

List of Publications by Citations

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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.

45
papers

1,209
citations

21
h-index

34
g-index

52
ext. papers

1,428
ext. citations

7.4
avg, IF

4.16
L-index

#	Paper	IF	Citations
45	Hepcidin levels in humans are correlated with hepatic iron stores, hemoglobin levels, and hepatic function. <i>Blood</i> , 2005 , 106, 746-8	2.2	149
44	Induction of FPN1 transcription by MTF-1 reveals a role for ferroportin in transition metal efflux. <i>Blood</i> , 2010 , 116, 4657-64	2.2	99
43	Current approach to hemochromatosis. <i>Blood Reviews</i> , 2008 , 22, 195-210	11.1	94
42	Comparative analysis of mouse hepcidin 1 and 2 genes: evidence for different patterns of expression and co-inducibility during iron overload. <i>FEBS Letters</i> , 2003 , 542, 22-6	3.8	80
41	Strain and gender modulate hepatic hepcidin 1 and 2 mRNA expression in mice. <i>Blood Cells, Molecules, and Diseases</i> , 2004 , 32, 283-9	2.1	70
40	Targeted deletion of the mouse Mitoferrin1 gene: from anemia to protoporphyria. <i>Blood</i> , 2011 , 117, 5494-502	2.2	63
39	Overexpression of active Aurora-C kinase results in cell transformation and tumour formation. <i>PLoS ONE</i> , 2011 , 6, e26512	3.7	48
38	Aurora A is involved in central spindle assembly through phosphorylation of Ser 19 in P150Glued. <i>Journal of Cell Biology</i> , 2013 , 201, 65-79	7.3	40
37	Nucleophosmin/B23 activates Aurora A at the centrosome through phosphorylation of serine 89. <i>Journal of Cell Biology</i> , 2012 , 197, 19-26	7.3	39
36	Hepcidin in iron metabolism. <i>Current Protein and Peptide Science</i> , 2005 , 6, 279-91	2.8	36
35	CD9, a key actor in the dissemination of lymphoblastic leukemia, modulating CXCR4-mediated migration via RAC1 signaling. <i>Blood</i> , 2015 , 126, 1802-12	2.2	34
34	Iron overload promotes Cyclin D1 expression and alters cell cycle in mouse hepatocytes. <i>Journal of Hepatology</i> , 2006 , 44, 391-9	13.4	32
33	Upregulation of the tumor suppressor gene menin in hepatocellular carcinomas and its significance in fibrogenesis. <i>Hepatology</i> , 2006 , 44, 1296-307	11.2	30
32	Daily regulation of serum and urinary hepcidin is not influenced by submaximal cycling exercise in humans with normal iron metabolism. <i>European Journal of Applied Physiology</i> , 2009 , 106, 435-43	3.4	29
31	Anemia in beta-thalassemia patients targets hepatic hepcidin transcript levels independently of iron metabolism genes controlling hepcidin expression. <i>Haematologica</i> , 2008 , 93, 111-5	6.6	29
30	Localization of aurora A and aurora B kinases during interphase: role of the N-terminal domain. <i>Cell Cycle</i> , 2008 , 7, 3012-20	4.7	27
29	Mechanisms of extramedullary relapse in acute lymphoblastic leukemia: Reconciling biological concepts and clinical issues. <i>Blood Reviews</i> , 2019 , 36, 40-56	11.1	25

28	Pathophysiology and classification of iron overload diseases; update 2018. <i>Transfusion Clinique Et Biologique</i> , 2019 , 26, 80-88	1.9	25
27	The master regulator FUBP1: its emerging role in normal cell function and malignant development. <i>Cellular and Molecular Life Sciences</i> , 2019 , 76, 259-281	10.3	24
26	Hepatocyte iron loading capacity is associated with differentiation and repression of motility in the HepaRG cell line. <i>Genomics</i> , 2006 , 87, 93-103	4.3	23
25	Interplay between transcription regulators RUNX1 and FUBP1 activates an enhancer of the oncogene c-KIT and amplifies cell proliferation. <i>Nucleic Acids Research</i> , 2018 , 46, 11214-11228	20.1	21
24	Effects of deferasirox and deferiprone on cellular iron load in the human hepatoma cell line HepaRG. <i>BioMetals</i> , 2010 , 23, 231-45	3.4	19
23	Optimization of proximity ligation assay (PLA) for detection of protein interactions and fusion proteins in non-adherent cells: application to pre-B lymphocytes. <i>Molecular Cytogenetics</i> , 2017 , 10, 27	2	17
22	Rare anemias due to genetic iron metabolism defects. <i>Mutation Research - Reviews in Mutation Research</i> , 2018 , 777, 52-63	7	14
21	The clinical relevance of new insights in iron transport and metabolism. <i>Psychophysiology</i> , 2004 , 3, 107-15		14
20	The mitochondrial metal transporters mitoferrin1 and mitoferrin2 are required for liver regeneration and cell proliferation in mice. <i>Journal of Biological Chemistry</i> , 2020 , 295, 11002-11020	5.4	13
19	The interaction of iron and the genome: For better and for worse. <i>Mutation Research - Reviews in Mutation Research</i> , 2017 , 774, 25-32	7	12
18	Promises and limitations of nanoparticles in the era of cell therapy: Example with CD19-targeting chimeric antigen receptor (CAR)-modified T cells. <i>International Journal of Pharmaceutics</i> , 2017 , 532, 813-824	6.5	12
17	Simple Engineering of Polymer Nanoparticle Hybrid Nanocapsules. <i>ChemNanoMat</i> , 2016 , 2, 796-799	3.5	11
16	Molecular diagnosis of genetic iron-overload disorders. <i>Expert Review of Molecular Diagnostics</i> , 2010 , 10, 755-63	3.8	9
15	Intestinal absorption of iron in HFE-1 hemochromatosis: local or systemic process?. <i>Journal of Hepatology</i> , 2004 , 40, 702-9	13.4	9
14	Too much iron: A masked foe for leukemias. <i>Blood Reviews</i> , 2020 , 39, 100617	11.1	9
13	Where are we with unintended effects in genome editing applications from DNA to phenotype: focus on plant applications. <i>Transgenic Research</i> , 2019 , 28, 125-133	3.3	7
12	Some vertebrates go with the GLO. <i>Cell</i> , 2008 , 132, 921-2	56.2	6
11	The Ouzo effect: A tool to elaborate high-payload nanocapsules. <i>Journal of Controlled Release</i> , 2020 , 324, 430-439	11.7	6

10	Asian Population Is More Prone to Develop High-Risk Myelodysplastic Syndrome, Concordantly with Their Propensity to Exhibit High-Risk Cytogenetic Aberrations. <i>Cancers</i> , 2021 , 13,	6.6	6
9	Transcripts of ceruloplasmin but not hepcidin, both major iron metabolism genes, exhibit a decreasing pattern along the portocentral axis of mouse liver. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008 , 1782, 239-49	6.9	5
8	Iron and platelets: A subtle, under-recognized relationship. <i>American Journal of Hematology</i> , 2021 , 96, 1008-1016	7.1	5
7	A Tf-independent iron transport system required for organogenesis. <i>Developmental Cell</i> , 2009 , 16, 3-4	10.2	4
6	Métabolisme du fer. <i>EMC - Endocrinologie - Nutrition</i> , 2006 , 3, 1-10		3
5	Combining biomedical knowledge and transcriptomic data to extract new knowledge on genes. <i>Journal of Integrative Bioinformatics</i> , 2006 , 3, 162-176	3.8	2
4	Recommendations for cytogenomic analysis of hematologic malignancies: comments from the Francophone Group of Hematological Cytogenetics (GFCH). <i>Leukemia</i> , 2020 , 34, 1711-1713	10.7	2
3	TP53 in Myelodysplastic Syndromes. <i>Cancers</i> , 2021 , 13,	6.6	1
2	Reduction of RUNX1 transcription factor activity by a CBFA2T3-mimicking peptide: application to B cell precursor acute lymphoblastic leukemia. <i>Journal of Hematology and Oncology</i> , 2021 , 14, 47	22.4	1
1	Hémochromatoses. <i>Revue Francophone Des Laboratoires</i> , 2021 , 2021, 33-43	0	0