Pieter De Bleser

List of Publications by Year
in descending order

36 papers	3,109 citations	201674 27 h-index	345221 36 g-index
37 all docs	37 docs citations	37 times ranked	4988 citing authors

#	Article	IF	Citations
1	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. Immunity, 2019, 51, 638-654.e9.	14.3	384
2	Class VI intermediate filament protein nestin is induced during activation of rat hepatic stellate cells. Hepatology, 1999, 29, 520-527.	7.3	263
3	ORegAnno: an open-access community-driven resource for regulatory annotation. Nucleic Acids Research, 2007, 36, D107-D113.	14.5	227
4	A histone deacetylase inhibitor, trichostatin A, suppresses myofibroblastic differentiation of rat hepatic stellate cells in primary culture. Hepatology, 1999, 29, 858-867.	7.3	192
5	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. Immunity, 2018, 49, 312-325.e5.	14.3	172
6	Single-Cell RNA Sequencing of the T Helper Cell Response to House Dust Mites Defines a Distinct Gene Expression Signature in Airway Th2 Cells. Immunity, 2019, 51, 169-184.e5.	14.3	167
7	Tissue distribution, quantitation and proliferation kinetics of fat-storing cells in carbon tetrachlorideâ€"injured rat liver. Hepatology, 1991, 13, 1193-1202.	7.3	160
8	Mechanical strain determines the site-specific localization of inflammation and tissue damage in arthritis. Nature Communications, 2018, 9, 4613.	12.8	128
9	Trichostatin A, a Histone Deacetylase Inhibitor, Suppresses Collagen Synthesis and Prevents TGF-Î²1-Induced Fibrogenesis in Skin Fibroblasts. Experimental Cell Research, 2002, 278, 184-197.	2.6	116
10	Liver Cell Heterogeneity: Functions of Non-Parenchymal Cells. Enzyme, 1992, 46, 155-168.	0.7	112
11	Purification of rat hepatic stellate cells by side scatter-activated cell sorting. Hepatology, 1998, 27, 590-598.	7.3	102
12	Enhanced hepatic collagen type I mRNA expression into fat-storing cells in a rodent model of hemochromatosis. Hepatology, 1994, 19, 714-721.	7.3	98
13	ConTra v3: a tool to identify transcription factor binding sites across species, update 2017. Nucleic Acids Research, 2017, 45, W490-W494.	14.5	97
14	Computationally designed liver-specific transcriptional modules and hyperactive factor IX improve hepatic gene therapy. Blood, 2014, 123, 3195-3199.	1.4	73
15	Liver-Specific Transcriptional Modules Identified by Genome-Wide In Silico Analysis Enable Efficient Gene Therapy in Mice and Non-Human Primates. Molecular Therapy, 2014, 22, 1605-1613.	8.2	71
16	Characteristics of the hepatic stellate cell-selective carrier mannose 6-phosphate modified albumin (M6P28-HSA). Liver, 2001, 21, 320-328.	0.1	69
17	Actin filament formation, reorganization and migration are impaired in hepatic stellate cells under influence of trichostatin A, a histone deacetylase inhibitor. Journal of Hepatology, 2002, 37, 788-796.	3.7	61
18	ConTra: a promoter alignment analysis tool for identification of transcription factor binding sites across species. Nucleic Acids Research, 2008, 36, W128-W132.	14.5	56

#	Article	IF	Citations
19	ConTra v2: a tool to identify transcription factor binding sites across species, update 2011. Nucleic Acids Research, 2011, 39, W74-W78.	14.5	55
20	Human Metallothionein Expression under Normal and Pathological Conditions: Mechanisms of Gene Regulation Based on In silico Promoter Analysis. Critical Reviews in Eukaryotic Gene Expression, 2009, 19, 301-317.	0.9	54
21	NanobodiesÂ® Specific for Respiratory Syncytial Virus Fusion Protein Protect Against Infection by Inhibition of Fusion. Journal of Infectious Diseases, 2011, 204, 1692-1701.	4.0	54
22	Localization and cellular source of the extracellular matrix protein tenascin in normal and fibrotic rat liver. Hepatology, 1992, 15, 909-916.	7.3	53
23	Identification of connective tissue gene transcripts in freshly isolated parenchymal, endothelial, Kupffer and fat-storing cells by Northern hybridization analysis. Journal of Hepatology, 1993, 19, 148-158.	3.7	48
24	A flexible integrative approach based on random forest improves prediction of transcription factor binding sites. Nucleic Acids Research, 2012, 40, e106-e106.	14.5	36
25	PhysBinder: improving the prediction of transcription factor binding sites by flexible inclusion of biophysical properties. Nucleic Acids Research, 2013, 41, W531-W534.	14.5	36
26	Genome-wide Computational Analysis Reveals Cardiomyocyte-specific Transcriptional Cis-regulatory Motifs That Enable Efficient Cardiac Gene Therapy. Molecular Therapy, 2015, 23, 43-52.	8.2	36
27	Differential expression of lncRNAs during the HIV replication cycle: an underestimated layer in the HIV-host interplay. Scientific Reports, 2016, 6, 36111.	3.3	28
28	Identification of Tumor Necrosis Factor (TNF) Amino Acids Crucial for Binding to the Murine p75 TNF Receptor and Construction of Receptor-selective Mutants. Journal of Biological Chemistry, 2001, 276, 37426-37430.	3.4	27
29	Insulin-like growth factor II receptors in human brain and their absence in astrogliotic plaques in multiple sclerosis. Brain Research, 2000, 863, 282-288.	2.2	23
30	Gene expression and synthesis of fibronectin isoforms in rat hepatic stellate cells. comparison with liver parenchymal cells and skin fibroblasts. , 1997, 183, 90-98.		22
31	Î±T-catenin in restricted brain cell types and its potential connection to autism. Journal of Molecular Psychiatry, 2016, 4, 2.	2.0	20
32	Renal Antioxidant Enzymes and Fibrosis-Related Markers in the Rat Adriamycin Model. Nephron, 2000, 86, 167-175.	1.8	18
33	Antioxidant Enzyme Gene Expression in Rats with Remnant Kidney Induced Chronic Renal Failure. Nephron Experimental Nephrology, 2000, 8, 91-96.	2.2	17
34	A distance difference matrix approach to identifying transcription factors that regulate differential gene expression. Genome Biology, 2007, 8, R83.	9.6	14
35	GATA1-Deficient Dendritic Cells Display Impaired CCL21-Dependent Migration toward Lymph Nodes Due to Reduced Levels of Polysialic Acid. Journal of Immunology, 2016, 197, 4312-4324.	0.8	12
36	Comparison of the PU.1 transcriptional regulome and interactome in human and mouse inflammatory dendritic cells. Journal of Leukocyte Biology, 2021, 110, 735-751.	3.3	3