

Pieter De Bleser

List of Publications by Year in descending order

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36
papers

3,109
citations

201658

27
h-index

345203

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. <i>Immunity</i> , 2019, 51, 638-654.e9.	14.3	384
2	Class VI intermediate filament protein nestin is induced during activation of rat hepatic stellate cells. <i>Hepatology</i> , 1999, 29, 520-527.	7.3	263
3	ORegAnno: an open-access community-driven resource for regulatory annotation. <i>Nucleic Acids Research</i> , 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. <i>Hepatology</i> , 1999, 29, 858-867.	7.3	192
5	The Transcription Factor ZEB2 Is Required to Maintain the Tissue-Specific Identities of Macrophages. <i>Immunity</i> , 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. <i>Immunity</i> , 2019, 51, 169-184.e5.	14.3	167
7	Tissue distribution, quantitation and proliferation kinetics of fat-storing cells in carbon tetrachloride-injured rat liver. <i>Hepatology</i> , 1991, 13, 1193-1202.	7.3	160
8	Mechanical strain determines the site-specific localization of inflammation and tissue damage in arthritis. <i>Nature Communications</i> , 2018, 9, 4613.	12.8	128
9	Trichostatin A, a Histone Deacetylase Inhibitor, Suppresses Collagen Synthesis and Prevents TGF- β 1-Induced Fibrogenesis in Skin Fibroblasts. <i>Experimental Cell Research</i> , 2002, 278, 184-197.	2.6	116
10	Liver Cell Heterogeneity: Functions of Non-Parenchymal Cells. <i>Enzyme</i> , 1992, 46, 155-168.	0.7	112
11	Purification of rat hepatic stellate cells by side scatter-activated cell sorting. <i>Hepatology</i> , 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. <i>Hepatology</i> , 1994, 19, 714-721.	7.3	98
13	ConTra v3: a tool to identify transcription factor binding sites across species, update 2017. <i>Nucleic Acids Research</i> , 2017, 45, W490-W494.	14.5	97
14	Computationally designed liver-specific transcriptional modules and hyperactive factor IX improve hepatic gene therapy. <i>Blood</i> , 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. <i>Molecular Therapy</i> , 2014, 22, 1605-1613.	8.2	71
16	Characteristics of the hepatic stellate cell-selective carrier mannose 6-phosphate modified albumin (M6P28-HSA). <i>Liver</i> , 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. <i>Journal of Hepatology</i> , 2002, 37, 788-796.	3.7	61
18	ConTra: a promoter alignment analysis tool for identification of transcription factor binding sites across species. <i>Nucleic Acids Research</i> , 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. <i>Nucleic Acids Research</i> , 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. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2009, 19, 301-317.	0.9	54
21	Nanobodies [®] Specific for Respiratory Syncytial Virus Fusion Protein Protect Against Infection by Inhibition of Fusion. <i>Journal of Infectious Diseases</i> , 2011, 204, 1692-1701.	4.0	54
22	Localization and cellular source of the extracellular matrix protein tenascin in normal and fibrotic rat liver. <i>Hepatology</i> , 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. <i>Journal of Hepatology</i> , 1993, 19, 148-158.	3.7	48
24	A flexible integrative approach based on random forest improves prediction of transcription factor binding sites. <i>Nucleic Acids Research</i> , 2012, 40, e106-e106.	14.5	36
25	PhysBinder: improving the prediction of transcription factor binding sites by flexible inclusion of biophysical properties. <i>Nucleic Acids Research</i> , 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. <i>Molecular Therapy</i> , 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. <i>Scientific Reports</i> , 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. <i>Journal of Biological Chemistry</i> , 2001, 276, 37426-37430.	3.4	27
29	Insulin-like growth factor II receptors in human brain and their absence in astroglial plaques in multiple sclerosis. <i>Brain Research</i> , 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. <i>Journal of Molecular Psychiatry</i> , 2016, 4, 2.	2.0	20
32	Renal Antioxidant Enzymes and Fibrosis-Related Markers in the Rat Adriamycin Model. <i>Nephron</i> , 2000, 86, 167-175.	1.8	18
33	Antioxidant Enzyme Gene Expression in Rats with Remnant Kidney Induced Chronic Renal Failure. <i>Nephron Experimental Nephrology</i> , 2000, 8, 91-96.	2.2	17
34	A distance difference matrix approach to identifying transcription factors that regulate differential gene expression. <i>Genome Biology</i> , 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. <i>Journal of Immunology</i> , 2016, 197, 4312-4324.	0.8	12
36	Comparison of the PU.1 transcriptional regulome and interactome in human and mouse inflammatory dendritic cells. <i>Journal of Leukocyte Biology</i> , 2021, 110, 735-751.	3.3	3