Nathalie Theret

List of Publications by Year
in descending order

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83 papers	3,342 citations	126907 33 h-index	149698 56 g-index
85 all docs	85 docs citations	85 times ranked	4729 citing authors

#	Article	IF	Citations
1	Discrete modeling for integration and analysis of large-scale signaling networks. PLoS Computational Biology, 2022, 18, e1010175.	3.2	0
2	ADAM and ADAMTS Proteins, New Players in the Regulation of Hepatocellular Carcinoma Microenvironment. Cancers, 2021, 13, 1563.	3.7	18
3	Integrin-Î±V-mediated activation of TGF-Î²2 regulates anti-tumour CD8 T cell immunity and response to PD-1 blockade. Nature Communications, 2021, 12, 5209.	12.8	30
4	Constructing xenobiotic maps of metabolism to predict enzymes catalyzing metabolites capable of binding to DNA. BMC Bioinformatics, 2021, 22, 450.	2.6	5
5	A pipeline to create predictive functional networks: application to the tumor progression of hepatocellular carcinoma. BMC Bioinformatics, 2020, 21, 18.	2.6	3
6	Integration of miRNAâ€regulatory networks in hepatic stellate cells identifies TIMP3 as a key factor in chronic liver disease. Liver International, 2020, 40, 2021-2033.	3.9	16
7	Integrative Models for TGF-Î²2 Signaling and Extracellular Matrix. Biology of Extracellular Matrix, 2020, , 209-225.	0.3	2
8	MiR-146a is over-expressed and controls IL-6 production in cystic fibrosis macrophages. Scientific Reports, 2019, 9, 16259.	3.3	33
9	In silico prediction of Heterocyclic Aromatic Amines metabolism susceptible to form DNA adducts in humans. Toxicology Letters, 2019, 300, 18-30.	0.8	12
10	Molecular and tissue alterations of collagens in fibrosis. Matrix Biology, 2018, 68-69, 122-149.	3.6	108
11	Proteomic screening identifies the zonula occludens protein ZO-1 as a new partner for ADAM12 in invadopodia-like structures. Oncotarget, 2018, 9, 21366-21382.	1.8	13
12	KaSa: A Static Analyzer for Kappa. Lecture Notes in Computer Science, 2018, , 285-291.	1.3	5
13	A modeling approach to evaluate the balance between bioactivation and detoxification of MeIQx in human hepatocytes. PeerJ, 2017, 5, e3703.	2.0	2
14	Identifying Functional Families of Trajectories in Biological Pathways by Soft Clustering: Application to TGF- $$eta $$ Signaling. Lecture Notes in Computer Science, 2017, , 91-107.	1.3	0
15	The probiotic Propionibacterium freudenreichii as a new adjuvant for TRAIL-based therapy in colorectal cancer. Oncotarget, 2016, 7, 7161-7178.	1.8	75
16	Increasing 3D Matrix Rigidity Strengthens Proliferation and Spheroid Development of Human Liver Cells in a Constant Growth Factor Environment. Journal of Cellular Biochemistry, 2016, 117, 708-720.	2.6	29
17	Geometric analysis of pathways dynamics: Application to versatility of TGF-Î²2 receptors. BioSystems, 2016, 149, 3-14.	2.0	11
18	In silico characterization of the interaction between LSKL peptide, a LAP-TGF-beta derived peptide, and ADAMTS1. Computational Biology and Chemistry, 2016, 61, 155-161.	2.3	9

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19	TGFÎ² Signaling Intersects with CD103 Integrin Signaling to Promote T-Lymphocyte Accumulation and Antitumor Activity in the Lung Tumor Microenvironment. Cancer Research, 2016, 76, 1757-1769.	0.9	87
20	The Disintegrin and Metalloprotease ADAM12 Is Associated with TGF-Î²-Induced Epithelial to Mesenchymal Transition. PLoS ONE, 2015, 10, e0139179.	2.5	41
21	Downregulation of ceramide synthase-6 during epithelial-to-mesenchymal transition reduces plasma membrane fluidity and cancer cell motility. Oncogene, 2015, 34, 996-1005.	5.9	77
22	An integrative modeling framework reveals plasticity of TGF-Î² signaling. BMC Systems Biology, 2014, 8, 30.	3.0	15
23	Integrative analysis of high-throughput RNAi screen data identifies the FER and CRKL tyrosine kinases as new regulators of the mitogenic ERK-dependent pathways in transformed cells. BMC Genomics, 2014, 15, 1169.	2.8	5
24	MAPK signaling in cisplatin-induced death: predominant role of ERK1 over ERK2 in human hepatocellular carcinoma cells. Carcinogenesis, 2013, 34, 38-47.	2.8	41
25	Identification of ILK as a new partner of the ADAM12 disintegrin and metalloprotease in cell adhesion and survival. Molecular Biology of the Cell, 2012, 23, 3461-3472.	2.1	22
26	CXCR7 is up-regulated in human and murine hepatocellular carcinoma and is specifically expressed by endothelial cells. European Journal of Cancer, 2012, 48, 138-148.	2.8	68
27	The complexity of ERK1 and ERK2 MAPKs in multiple hepatocyte fate responses. Journal of Cellular Physiology, 2012, 227, 59-69.	4.1	17
28	Dynamic Regulation of Tgf-B Signaling by Tif1Î³: A Computational Approach. PLoS ONE, 2012, 7, e33761.	2.5	24
29	Simple Shared Motifs (SSM) in conserved region of promoters: a new approach to identify co-regulation patterns. BMC Bioinformatics, 2011, 12, 365.	2.6	2
30	Protease profiling of liver fibrosis reveals the ADAM metallopeptidase with thrombospondin type 1 motif, 1 as a central activator of transforming growth factor beta. Hepatology, 2011, 54, 2173-2184.	7.3	66
31	RNAi-Based Screening Identifies Kinases Interfering with Dioxin-Mediated Up-Regulation of CYP1A1 Activity. PLoS ONE, 2011, 6, e18261.	2.5	18
32	Interleukinâ€33 overexpression is associated with liver fibrosis in mice and humans. Journal of Cellular and Molecular Medicine, 2010, 14, 1726-1739.	3.6	210
33	Fibrillar collagen scoring by second harmonic microscopy: A new tool in the assessment of liver fibrosis. Journal of Hepatology, 2010, 52, 398-406.	3.7	157
34	In silico investigation of ADAM12 effect on TGF-Î² receptors trafficking. BMC Research Notes, 2009, 2, 193.	1.4	9
35	CX3CL1/fractalkine shedding by human hepatic stellate cells: contribution to chronic inflammation in the liver. Journal of Cellular and Molecular Medicine, 2009, 13, 1526-1535.	3.6	73
36	275 ADAM10, ADAM17 AND MMP2 ACTIVITIES IN HEPATIC STELLATE CELLS ARE INVOLVED IN CX3CL1 PROCESSING AND CONTRIBUTE TO CHRONIC LIVER INJURY. Journal of Hepatology, 2009, 50, S109.	3.7	0

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37	Profile and management of patients treated for the first time for lower urinary tract symptoms/benign prostatic hyperplasia in four European countries. BJU International, 2008, 101, 1111-1118.	2.5	57
38	Implication of novel chemokine receptor CXCR7 in hepatocellular carcinoma. European Journal of Cancer, Supplement, 2008, 6, 167.	2.2	0
39	RACK1, a New ADAM12 Interacting Protein. Journal of Biological Chemistry, 2008, 283, 26000-26009.	3.4	45
40	Fuzzy and quantum methods of information retrieval to analyse genomic data from patients at different stages of fibrosis. , 2008, , .		1
41	Semantic Distillation: A Method for Clustering Objects by their Contextual Specificity. Studies in Computational Intelligence, 2008, , 431-442.	0.9	2
42	Prokineticin 2/Bv8 is expressed in Kupffer cells in liver and is down regulated in human hepatocellular carcinoma. World Journal of Gastroenterology, 2008, 14, 1182.	3.3	22
43	M@IA: a modular open-source application for microarray workflow and integrative datamining. In Silico Biology, 2008, 8, 63-9.	0.9	7
44	The disintegrin and metalloproteinase ADAM12 contributes to TGF-Î² signaling through interaction with the type II receptor. Journal of Cell Biology, 2007, 178, 201-208.	5.2	101
45	[288] THE LIVER-SPECIFIC PROMOTER OF COLLAGEN XVIII IS A FUNCTIONAL TARGET OF THE C/EBPB TRANSCRIPTION FACTOR IN HUMAN LIVER. Journal of Hepatology, 2007, 46, S115.	3.7	0
46	Hepatocyte iron loading capacity is associated with differentiation and repression of motility in the HepaRG cell line. Genomics, 2006, 87, 93-103.	2.9	26
47	Upregulation of the tumor suppressor gene menin in hepatocellular carcinomas and its significance in fibrogenesis. Hepatology, 2006, 44, 1296-1307.	7.3	36
48	TNFÎ±-mediated extracellular matrix remodeling is required for multiple division cycles in rat hepatocytes. Hepatology, 2005, 41, 478-486.	7.3	72
49	Involvement of the serine/threonine p70S6 kinase in TGF-Î²1-induced ADAM12 expression in cultured human hepatic stellate cells. Journal of Hepatology, 2005, 43, 1038-1044.	3.7	58
50	Upregulation of DNA repair genes in active cirrhosis associated with hepatocellular carcinoma. FEBS Letters, 2005, 579, 95-99.	2.8	27
51	Gene and Protein Characterization of the Human Glutathione S-Transferase Kappa and Evidence for a Peroxisomal Localization. Journal of Biological Chemistry, 2004, 279, 16246-16253.	3.4	120
52	ADAM12 in human liver cancers: TGF-Î²-regulated expression in stellate cells is associated with matrix remodeling. Hepatology, 2003, 37, 1056-1066.	7.3	182
53	Evidence for a Role of Smad3 and Smad2 in Stabilization of the Tumor-derived Mutant Smad2.Q407R. Journal of Biological Chemistry, 2003, 278, 24881-24887.	3.4	14
54	Imbalance between matrix metalloproteinases (MMP-9 and MMP-2) and tissue inhibitors of metalloproteinases (TIMP-1 and TIMP-2) in acute respiratory distress syndrome patients. Critical Care Medicine, 2003, 31, 536-542.	0.9	105

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55	Tumor hepatocytes and basement membraneâ€“Producing cells specifically express two different forms of the endostatin precursor, collagen XVIII, in human liver cancers. Hepatology, 2001, 33, 868-876.	7.3	60
56	Increased extracellular matrix remodeling is associated with tumor progression in human hepatocellular carcinomas. Hepatology, 2001, 34, 82-88.	7.3	178
57	Repeated endotoxin exposure induces interstitial fibrosis associated with enhanced gelatinase (MMP-2) Tj ETQq1 1 0.784314 rgBT /O	4.0	66
58	Mechanism in the Sequential Control of Cell Morphology and S Phase Entry by Epidermal Growth Factor Involves Distinct MEK/ERK Activations. Molecular Biology of the Cell, 2001, 12, 725-738.	2.1	85
59	The promoter of the long variant of collagen XVIII, the precursor of endostatin, contains liver-specific regulatory elements. Hepatology, 2000, 32, 1377-1385.	7.3	23
60	Assessing Matrix Metalloproteinase Expression and Activity in Hepatocellular Carcinomas. , 2000, 45, 139-156.		2
61	Homeostatic control of angiogenesis: A newly identified function of the liver?. Hepatology, 1999, 29, 621-623.	7.3	36
62	MMP2 activation by collagen I and concanavalin A in cultured human hepatic stellate cells. Hepatology, 1999, 30, 462-468.	7.3	124
63	Comparative Effects of Betamethasone, Cyclosporin and Nedocromil Sodium in Acute Pulmonary Inflammation and Metalloproteinase Activities in Bronchoalveolar Lavage Fluid from Mice Exposed to Lipopolysaccharide. Pulmonary Pharmacology and Therapeutics, 1999, 12, 165-171.	2.6	45
64	Collagen XVIII is localized in sinusoids and basement membrane zones and expressed by hepatocytes and activated stellate cells in fibrotic human liver. Hepatology, 1998, 28, 98-107.	7.3	85
65	Laminin isoforms in non-tumoral and tumoral human livers. Journal of Hepatology, 1998, 28, 691-699.	3.7	11
66	Differential Expression and Origin of Membrane-Type 1 and 2 Matrix Metalloproteinases (MT-MMPs) in Association with MMP2 Activation in Injured Human Livers. American Journal of Pathology, 1998, 153, 945-954.	3.8	70
67	In situ detection of matrix metalloproteinase-2 (MMP2) and the metalloproteinase inhibitor TIMP2 transcripts in human primary hepatocellular carcinoma and in liver metastasis. Journal of Hepatology, 1997, 26, 593-605.	3.7	85
68	Activation of the Envelope Proteins by a Metalloproteinase Enables Attachment and Entry of the Hepatitis B Virus into T-Lymphocyte. Virology, 1997, 237, 10-22.	2.4	6
69	Overexpression of matrix metalloproteinase-2 and tissue inhibitor of matrix metalloproteinase-2 in liver from patients with gastrointestinal adenocarcinoma and no detectable metastasis. , 1997, 74, 426-432.		25
70	Expression of laminin Î³ 1 cultured hepatocytes involves repeated CTC and GC elements in the LAMC1 promoter. Biochemical Journal, 1996, 313, 745-752.	3.7	11
71	Comparison between fat intake assessed by a 3-day food record and phospholipid fatty acid composition of red blood cells: Results from the monitoring of cardiovascular disease-Lille study. Metabolism: Clinical and Experimental, 1995, 44, 1139-1145.	3.4	35
72	Lipoproteins containing apolipoprotein A-IV: Composition and relation to cholesterol esterification. Lipids and Lipid Metabolism, 1994, 1211, 23-28.	2.6	16

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73	Structural domain of apolipoprotein A-I involved in its interaction with cells. Lipids and Lipid Metabolism, 1994, 1212, 319-326.	2.6	41
74	The relationship between the phospholipid fatty acid composition of red blood cells, plasma lipids, and apolipoproteins. Metabolism: Clinical and Experimental, 1993, 42, 562-568.	3.4	28
75	Tangier disease: isolation and characterization of LpA-I, LpA-II, LpA-I:A-II and LpA-IV particles from plasma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 1993, 1182, 30-35.	3.8	13
76	Apolipoprotein A-I-Containing Particles and Reverse Cholesterol Transport in IDDM. Diabetes, 1992, 41, 81-85.	0.6	19
77	Cholesterol efflux from adipose cells is coupled to diacylglycerol production and protein kinase C activation. Biochemical and Biophysical Research Communications, 1990, 173, 1361-1368.	2.1	70
78	Lipoprotein A-I Containing Particles. Advances in Experimental Medicine and Biology, 1990, 285, 93-99.	1.6	3
79	Intramyelinic conversion of cerebrosides into acylgalactosylceramides. Neurochemical Research, 1989, 14, 1235-1240.	3.3	0
80	Expression, location and cross-reactivity of two antigenic sites on the amino terminal region of rabbit and human apolipoprotein A-I. Atherosclerosis, 1989, 79, 9-19.	0.8	2
81	Acylgalactosylceramides in Developing Dysmyelinating Mutant Mice. Journal of Neurochemistry, 1988, 50, 883-888.	3.9	2
82	Effects of fenofibrate on lipoprotein metabolism and fatty acid distribution in Zucker rats. Atherosclerosis, 1988, 74, 15-21.	0.8	19
83	Structure determination of the polymorphism of acylgalactosylceramide in rat brain by gas chromatography/mass spectrometry and proton magnetic resonance. Lipids and Lipid Metabolism, 1987, 917, 194-202.	2.6	4