

# Nathalie Theret

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5199572/publications.pdf>

Version: 2024-02-01

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	Interleukin-33 overexpression is associated with liver fibrosis in mice and humans. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 1726-1739.	3.6	210
2	ADAM12 in human liver cancers: TGF- $\beta$ -regulated expression in stellate cells is associated with matrix remodeling. <i>Hepatology</i> , 2003, 37, 1056-1066.	7.3	182
3	Increased extracellular matrix remodeling is associated with tumor progression in human hepatocellular carcinomas. <i>Hepatology</i> , 2001, 34, 82-88.	7.3	178
4	Fibrillar collagen scoring by second harmonic microscopy: A new tool in the assessment of liver fibrosis. <i>Journal of Hepatology</i> , 2010, 52, 398-406.	3.7	157
5	MMP2 activation by collagen I and concanavalin A in cultured human hepatic stellate cells. <i>Hepatology</i> , 1999, 30, 462-468.	7.3	124
6	Gene and Protein Characterization of the Human Glutathione S-Transferase Kappa and Evidence for a Peroxisomal Localization. <i>Journal of Biological Chemistry</i> , 2004, 279, 16246-16253.	3.4	120
7	Molecular and tissue alterations of collagens in fibrosis. <i>Matrix Biology</i> , 2018, 68-69, 122-149.	3.6	108
8	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. <i>Critical Care Medicine</i> , 2003, 31, 536-542.	0.9	105
9	The disintegrin and metalloproteinase ADAM12 contributes to TGF- $\beta$ signaling through interaction with the type II receptor. <i>Journal of Cell Biology</i> , 2007, 178, 201-208.	5.2	101
10	TGF- $\beta$ Signaling Intersects with CD103 Integrin Signaling to Promote T-Lymphocyte Accumulation and Antitumor Activity in the Lung Tumor Microenvironment. <i>Cancer Research</i> , 2016, 76, 1757-1769.	0.9	87
11	In situ detection of matrix metalloproteinase-2 (MMP2) and the metalloproteinase inhibitor TIMP2 transcripts in human primary hepatocellular carcinoma and in liver metastasis. <i>Journal of Hepatology</i> , 1997, 26, 593-605.	3.7	85
12	Collagen XVIII is localized in sinusoids and basement membrane zones and expressed by hepatocytes and activated stellate cells in fibrotic human liver. <i>Hepatology</i> , 1998, 28, 98-107.	7.3	85
13	Mechanism in the Sequential Control of Cell Morphology and S Phase Entry by Epidermal Growth Factor Involves Distinct MEK/ERK Activations. <i>Molecular Biology of the Cell</i> , 2001, 12, 725-738.	2.1	85
14	Downregulation of ceramide synthase-6 during epithelial-to-mesenchymal transition reduces plasma membrane fluidity and cancer cell motility. <i>Oncogene</i> , 2015, 34, 996-1005.	5.9	77
15	The probiotic <i>Propionibacterium freudenreichii</i> as a new adjuvant for TRAIL-based therapy in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 7161-7178.	1.8	75
16	CX3CL1/fractalkine shedding by human hepatic stellate cells: contribution to chronic inflammation in the liver. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 1526-1535.	3.6	73
17	TNF- $\alpha$ -mediated extracellular matrix remodeling is required for multiple division cycles in rat hepatocytes. <i>Hepatology</i> , 2005, 41, 478-486.	7.3	72
18	Cholesterol efflux from adipose cells is coupled to diacylglycerol production and protein kinase C activation. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 1361-1368.	2.1	70

#	ARTICLE	IF	CITATIONS
19	Differential Expression and Origin of Membrane-Type 1 and 2 Matrix Metalloproteinases (MT-MMPs) in Association with MMP2 Activation in Injured Human Livers. <i>American Journal of Pathology</i> , 1998, 153, 945-954.	3.8	70
20	CXCR7 is up-regulated in human and murine hepatocellular carcinoma and is specifically expressed by endothelial cells. <i>European Journal of Cancer</i> , 2012, 48, 138-148.	2.8	68
21	Repeated endotoxin exposure induces interstitial fibrosis associated with enhanced gelatinase (MMP-2) Tj ETQq1 1,0,784314 rgBT /O	4.0	66
22	Protease profiling of liver fibrosis reveals the ADAM metallopeptidase with thrombospondin type 1 motif, 1 as a central activator of transforming growth factor beta. <i>Hepatology</i> , 2011, 54, 2173-2184.	7.3	66
23	Tumor hepatocytes and basement membraneâ€“Producing cells specifically express two different forms of the endostatin precursor, collagen XVIII, in human liver cancers. <i>Hepatology</i> , 2001, 33, 868-876.	7.3	60
24	Involvement of the serine/threonine p70S6 kinase in TGF- $\beta$ 1-induced ADAM12 expression in cultured human hepatic stellate cells. <i>Journal of Hepatology</i> , 2005, 43, 1038-1044.	3.7	58
25	Profile and management of patients treated for the first time for lower urinary tract symptoms/benign prostatic hyperplasia in four European countries. <i>BJU International</i> , 2008, 101, 1111-1118.	2.5	57
26	Comparative Effects of Betamethasone, Cyclosporin and Nedocromil Sodium in Acute Pulmonary Inflammation and Metalloproteinase Activities in Bronchoalveolar Lavage Fluid from Mice Exposed to Lipopolysaccharide. <i>Pulmonary Pharmacology and Therapeutics</i> , 1999, 12, 165-171.	2.6	45
27	RACK1, a New ADAM12 Interacting Protein. <i>Journal of Biological Chemistry</i> , 2008, 283, 26000-26009.	3.4	45
28	Structural domain of apolipoprotein A-I involved in its interaction with cells. <i>Lipids and Lipid Metabolism</i> , 1994, 1212, 319-326.	2.6	41
29	MAPK signaling in cisplatin-induced death: predominant role of ERK1 over ERK2 in human hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2013, 34, 38-47.	2.8	41
30	The Disintegrin and Metalloprotease ADAM12 Is Associated with TGF- $\beta$ 2-Induced Epithelial to Mesenchymal Transition. <i>PLoS ONE</i> , 2015, 10, e0139179.	2.5	41
31	Homeostatic control of angiogenesis: A newly identified function of the liver?. <i>Hepatology</i> , 1999, 29, 621-623.	7.3	36
32	Upregulation of the tumor suppressor gene menin in hepatocellular carcinomas and its significance in fibrogenesis. <i>Hepatology</i> , 2006, 44, 1296-1307.	7.3	36
33	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. <i>Metabolism: Clinical and Experimental</i> , 1995, 44, 1139-1145.	3.4	35
34	MiR-146a is over-expressed and controls IL-6 production in cystic fibrosis macrophages. <i>Scientific Reports</i> , 2019, 9, 16259.	3.3	33
35	Integrin- $\beta$ 1-mediated activation of TGF- $\beta$ 2 regulates anti-tumour CD8 T cell immunity and response to PD-1 blockade. <i>Nature Communications</i> , 2021, 12, 5209.	12.8	30
36	Increasing 3D Matrix Rigidity Strengthens Proliferation and Spheroid Development of Human Liver Cells in a Constant Growth Factor Environment. <i>Journal of Cellular Biochemistry</i> , 2016, 117, 708-720.	2.6	29

#	ARTICLE	IF	CITATIONS
37	The relationship between the phospholipid fatty acid composition of red blood cells, plasma lipids, and apolipoproteins. <i>Metabolism: Clinical and Experimental</i> , 1993, 42, 562-568.	3.4	28
38	Upregulation of DNA repair genes in active cirrhosis associated with hepatocellular carcinoma. <i>FEBS Letters</i> , 2005, 579, 95-99.	2.8	27
39	Hepatocyte iron loading capacity is associated with differentiation and repression of motility in the HepaRG cell line. <i>Genomics</i> , 2006, 87, 93-103.	2.9	26
40	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
41	Dynamic Regulation of Tgf- $\beta$ Signaling by Tif1 $\beta$ : A Computational Approach. <i>PLoS ONE</i> , 2012, 7, e33761.	2.5	24
42	The promoter of the long variant of collagen XVIII, the precursor of endostatin, contains liver-specific regulatory elements. <i>Hepatology</i> , 2000, 32, 1377-1385.	7.3	23
43	Identification of ILK as a new partner of the ADAM12 disintegrin and metalloprotease in cell adhesion and survival. <i>Molecular Biology of the Cell</i> , 2012, 23, 3461-3472.	2.1	22
44	Prokineticin 2/Bv8 is expressed in Kupffer cells in liver and is down regulated in human hepatocellular carcinoma. <i>World Journal of Gastroenterology</i> , 2008, 14, 1182.	3.3	22
45	Effects of fenofibrate on lipoprotein metabolism and fatty acid distribution in Zucker rats. <i>Atherosclerosis</i> , 1988, 74, 15-21.	0.8	19
46	Apolipoprotein A-I-Containing Particles and Reverse Cholesterol Transport in IDDM. <i>Diabetes</i> , 1992, 41, 81-85.	0.6	19
47	ADAM and ADAMTS Proteins, New Players in the Regulation of Hepatocellular Carcinoma Microenvironment. <i>Cancers</i> , 2021, 13, 1563.	3.7	18
48	RNAi-Based Screening Identifies Kinases Interfering with Dioxin-Mediated Up-Regulation of CYP1A1 Activity. <i>PLoS ONE</i> , 2011, 6, e18261.	2.5	18
49	The complexity of ERK1 and ERK2 MAPKs in multiple hepatocyte fate responses. <i>Journal of Cellular Physiology</i> , 2012, 227, 59-69.	4.1	17
50	Lipoproteins containing apolipoprotein A-IV: Composition and relation to cholesterol esterification. <i>Lipids and Lipid Metabolism</i> , 1994, 1211, 23-28.	2.6	16
51	Integration of miRNA-regulatory networks in hepatic stellate cells identifies TIMP3 as a key factor in chronic liver disease. <i>Liver International</i> , 2020, 40, 2021-2033.	3.9	16
52	An integrative modeling framework reveals plasticity of TGF- $\beta$ signaling. <i>BMC Systems Biology</i> , 2014, 8, 30.	3.0	15
53	Evidence for a Role of Smad3 and Smad2 in Stabilization of the Tumor-derived Mutant Smad2.Q407R. <i>Journal of Biological Chemistry</i> , 2003, 278, 24881-24887.	3.4	14
54	Tangier disease: isolation and characterization of LpA-I, LpA-II, LpA-I:A-II and LpA-IV particles from plasma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1993, 1182, 30-35.	3.8	13

#	ARTICLE	IF	CITATIONS
55	Proteomic screening identifies the zonula occludens protein ZO-1 as a new partner for ADAM12 in invadopodia-like structures. <i>Oncotarget</i> , 2018, 9, 21366-21382.	1.8	13
56	In silico prediction of Heterocyclic Aromatic Amines metabolism susceptible to form DNA adducts in humans. <i>Toxicology Letters</i> , 2019, 300, 18-30.	0.8	12
57	Expression of laminin $\alpha$ 1 cultured hepatocytes involves repeated CTC and GC elements in the LAMC1 promoter. <i>Biochemical Journal</i> , 1996, 313, 745-752.	3.7	11
58	Laminin isoforms in non-tumoral and tumoral human livers. <i>Journal of Hepatology</i> , 1998, 28, 691-699.	3.7	11
59	Geometric analysis of pathways dynamics: Application to versatility of TGF- $\beta$ 2 receptors. <i>BioSystems</i> , 2016, 149, 3-14.	2.0	11
60	In silico investigation of ADAM12 effect on TGF- $\beta$ 2 receptors trafficking. <i>BMC Research Notes</i> , 2009, 2, 193.	1.4	9
61	In silico characterization of the interaction between LSKL peptide, a LAP-TGF-beta derived peptide, and ADAMTS1. <i>Computational Biology and Chemistry</i> , 2016, 61, 155-161.	2.3	9
62	M@IA: a modular open-source application for microarray workflow and integrative datamining. <i>In Silico Biology</i> , 2008, 8, 63-9.	0.9	7
63	Activation of the Envelope Proteins by a Metalloproteinase Enables Attachment and Entry of the Hepatitis B Virus into T-Lymphocyte. <i>Virology</i> , 1997, 237, 10-22.	2.4	6
64	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. <i>BMC Genomics</i> , 2014, 15, 1169.	2.8	5
65	Constructing xenobiotic maps of metabolism to predict enzymes catalyzing metabolites capable of binding to DNA. <i>BMC Bioinformatics</i> , 2021, 22, 450.	2.6	5
66	KaSa: A Static Analyzer for Kappa. <i>Lecture Notes in Computer Science</i> , 2018, , 285-291.	1.3	5
67	Structure determination of the polymorphism of acylgalactosylceramide in rat brain by gas chromatography/mass spectrometry and proton magnetic resonance. <i>Lipids and Lipid Metabolism</i> , 1987, 917, 194-202.	2.6	4
68	A pipeline to create predictive functional networks: application to the tumor progression of hepatocellular carcinoma. <i>BMC Bioinformatics</i> , 2020, 21, 18.	2.6	3
69	Lipoprotein A-I Containing Particles. <i>Advances in Experimental Medicine and Biology</i> , 1990, 285, 93-99.	1.6	3
70	Acylgalactosylceramides in Developing Dysmyelinating Mutant Mice. <i>Journal of Neurochemistry</i> , 1988, 50, 883-888.	3.9	2
71	Expression, location and cross-reactivity of two antigenic sites on the amino terminal region of rabbit and human apolipoprotein A-I. <i>Atherosclerosis</i> , 1989, 79, 9-19.	0.8	2
72	Assessing Matrix Metalloproteinase Expression and Activity in Hepatocellular Carcinomas. , 2000, 45, 139-156.		2

#	ARTICLE	IF	CITATIONS
73	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
74	Semantic Distillation: A Method for Clustering Objects by their Contextual Specificity. Studies in Computational Intelligence, 2008, , 431-442.	0.9	2
75	A modeling approach to evaluate the balance between bioactivation and detoxification of MeIQx in human hepatocytes. PeerJ, 2017, 5, e3703.	2.0	2
76	Integrative Models for TGF- $\beta$ 2 Signaling and Extracellular Matrix. Biology of Extracellular Matrix, 2020, , 209-225.	0.3	2
77	Fuzzy and quantum methods of information retrieval to analyse genomic data from patients at different stages of fibrosis. , 2008, , .		1
78	Intramyelinic conversion of cerebroside into acylgalactosylceramides. Neurochemical Research, 1989, 14, 1235-1240.	3.3	0
79	[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
80	Implication of novel chemokine receptor CXCR7 in hepatocellular carcinoma. European Journal of Cancer, Supplement, 2008, 6, 167.	2.2	0
81	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
82	Identifying Functional Families of Trajectories in Biological Pathways by Soft Clustering: Application to TGF- $\beta$ Signaling. Lecture Notes in Computer Science, 2017, , 91-107.	1.3	0
83	Discrete modeling for integration and analysis of large-scale signaling networks. PLoS Computational Biology, 2022, 18, e1010175.	3.2	0