

Nathalie Charnaud

List of Publications by Year in descending order

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60
papers

2,584
citations

147801

31
h-index

189892

50
g-index

60
all docs

60
docs citations

60
times ranked

4192
citing authors

#	ARTICLE	IF	CITATIONS
1	The shedding of syndecan-4 and syndecan-1 from HeLa cells and human primary macrophages is accelerated by SDF-1/CXCL12 and mediated by the matrix metalloproteinase-9. <i>Glycobiology</i> , 2006, 16, 488-501.	2.5	161
2	Stromal Cell-Derived Factor-1/Chemokine (C-X-C Motif) Ligand 12 Stimulates Human Hepatoma Cell Growth, Migration, and Invasion. <i>Molecular Cancer Research</i> , 2007, 5, 21-33.	3.4	130
3	Determinants of Vitamin D Status in Caucasian Adults: Influence of Sun Exposure, Dietary Intake, Sociodemographic, Lifestyle, Anthropometric, and Genetic Factors. <i>Journal of Investigative Dermatology</i> , 2015, 135, 378-388.	0.7	119
4	Liver Iron, HFE Gene Mutations, and Hepatocellular Carcinoma Occurrence in Patients With Cirrhosis. <i>Gastroenterology</i> , 2008, 134, 102-110.	1.3	115
5	PNPLA3 rs738409, hepatocellular carcinoma occurrence and risk model prediction in patients with cirrhosis. <i>Journal of Hepatology</i> , 2013, 58, 312-318.	3.7	112
6	Association Between Prediagnostic Biomarkers of Inflammation and Endothelial Function and Cancer Risk: A Nested Case-Control Study. <i>American Journal of Epidemiology</i> , 2013, 177, 3-13.	3.4	100
7	Myeloperoxidase and superoxide dismutase 2 polymorphisms comodule the risk of hepatocellular carcinoma and death in alcoholic cirrhosis. <i>Hepatology</i> , 2009, 50, 1484-1493.	7.3	92
8	Genetic Polymorphisms in Antioxidant Enzymes Modulate Hepatic Iron Accumulation and Hepatocellular Carcinoma Development in Patients with Alcohol-Induced Cirrhosis. <i>Cancer Research</i> , 2006, 66, 2844-2852.	0.9	70
9	Monocyte chemoattractant protein-1 (MCP-1)/CCL2 secreted by hepatic myofibroblasts promotes migration and invasion of human hepatoma cells. <i>International Journal of Cancer</i> , 2010, 126, 1095-1108.	5.1	68
10	Angiogenic properties of the chemokine RANTES/CCL5. <i>Biochemical Society Transactions</i> , 2011, 39, 1649-1653.	3.4	68
11	High Sensitivity, High Selectivity SERS Detection of MnSOD Using Optical Nanoantennas Functionalized with Aptamers. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15532-15540.	3.1	68
12	Serum Proteoglycans as Prognostic Biomarkers of Hepatocellular Carcinoma in Patients with Alcoholic Cirrhosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013, 22, 1343-1352.	2.5	65
13	Syndecan-4 is a signaling molecule for stromal cell-derived factor-1 (SDF-1)/CXCL12. <i>FEBS Journal</i> , 2005, 272, 1937-1951.	4.7	63
14	Syndecan-1 and syndecan-4 are involved in RANTES/CCL5-induced migration and invasion of human hepatoma cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1314-1326.	2.4	63
15	Interpretation of Plasma PTH Concentrations According to 25OHD Status, Gender, Age, Weight Status, and Calcium Intake: Importance of the Reference Values. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1196-1203.	3.6	63
16	A syndecan-4/CXCR4 complex expressed on human primary lymphocytes and macrophages and HeLa cell line binds the CXC chemokine stromal cell-derived factor-1 (SDF-1). <i>Glycobiology</i> , 2004, 14, 311-323.	2.5	58
17	Sulfated oligosaccharides (heparin and fucoidan) binding and dimerization of stromal cell-derived factor-1 (SDF-1/CXCL 12) are coupled as evidenced by affinity CE-MS analysis. <i>Glycobiology</i> , 2008, 18, 1054-1064.	2.5	55
18	Microvascular dysfunction in healthy insulin-sensitive overweight individuals. <i>Journal of Hypertension</i> , 2010, 28, 325-332.	0.5	55

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19	miR-126 Is Involved in Vascular Remodeling under Laminar Shear Stress. <i>BioMed Research International</i> , 2015, 2015, 1-11.	1.9	55
20	Genetic dimorphism in superoxide dismutase and susceptibility to alcoholic cirrhosis, hepatocellular carcinoma, and death. <i>Clinical Gastroenterology and Hepatology</i> , 2005, 3, 292-298.	4.4	54
21	Comparative toxicity evaluation of flower-shaped and spherical gold nanoparticles on human endothelial cells. <i>Nanotechnology</i> , 2015, 26, 055101.	2.6	54
22	Glycosaminoglycans and their synthetic mimetics inhibit RANTES-induced migration and invasion of human hepatoma cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 2948-2958.	4.1	51
23	Low molecular weight fucoidan prevents intimal hyperplasia in rat injured thoracic aorta through the modulation of matrix metalloproteinase-2 expression. <i>Biochemical Pharmacology</i> , 2011, 81, 233-243.	4.4	47
24	Interaction of RANTES with syndecan-1 and syndecan-4 expressed by human primary macrophages. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1617, 80-88.	2.6	45
25	RANTES (CCL5) induces a CCR5-dependent accelerated shedding of syndecan-1 (CD138) and syndecan-4 from HeLa cells and forms complexes with the shed ectodomains of these proteoglycans as well as with those of CD44. <i>Glycobiology</i> , 2004, 15, 119-130.	2.5	41
26	A variant in myeloperoxidase promoter hastens the emergence of hepatocellular carcinoma in patients with HCV-related cirrhosis. <i>Journal of Hepatology</i> , 2012, 56, 426-432.	3.7	39
27	Chemokine system polymorphisms, survival and hepatocellular carcinoma occurrence in patients with hepatitis C virus-related cirrhosis. <i>World Journal of Gastroenterology</i> , 2008, 14, 713.	3.3	38
28	ESM-1 expression in stromal cells is predictive of recurrence after radiofrequency ablation in early hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2013, 59, 1264-1270.	3.7	38
29	Glycosaminoglycan mimetics induced mobilization of hematopoietic progenitors and stem cells into mouse peripheral blood: Structure/function insights. <i>Experimental Hematology</i> , 2009, 37, 1072-1083.	0.4	35
30	Glycosaminoglycan mimetics inhibit SDF-1/CXCL12-mediated migration and invasion of human hepatoma cells. <i>Glycobiology</i> , 2009, 19, 1511-1524.	2.5	34
31	Identification of a Pro-Angiogenic Potential and Cellular Uptake Mechanism of a LMW Highly Sulfated Fraction of Fucoidan from <i>Ascophyllum nodosum</i> . <i>Marine Drugs</i> , 2016, 14, 185.	4.6	32
32	A prospective study of plasma 25-hydroxyvitamin D concentration and prostate cancer risk. <i>British Journal of Nutrition</i> , 2016, 115, 305-314.	2.3	30
33	The expanding roles of microRNAs in kidney pathophysiology. <i>Nephrology Dialysis Transplantation</i> , 2019, 34, 7-15.	0.7	30
34	Quick and Easy Screening for Vitamin D Insufficiency in Adults. <i>Medicine (United States)</i> , 2016, 95, e2783.	1.0	29
35	Binding of the CC-chemokine RANTES to syndecan-1 and syndecan-4 expressed on HeLa cells. <i>Glycobiology</i> , 2003, 13, 623-634.	2.5	27
36	Luteinizing hormone receptor status and clinical, pathologic, and prognostic features in patients with breast carcinomas. <i>Cancer</i> , 2003, 97, 1810-1816.	4.1	26

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37	Glycosaminoglycans and syndecan-4 are involved in SDF-1/CXCL12-mediated invasion of human epitheloid carcinoma HeLa cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2009, 1790, 1643-1650.	2.4	26
38	Raman and IR spectroscopy of manganese superoxide dismutase, a pathology biomarker. <i>Vibrational Spectroscopy</i> , 2012, 62, 50-58.	2.2	25
39	Human Î±-fetoprotein binds to primary macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 507-514.	2.1	23
40	Lack of association of some chemokine system polymorphisms with the risks of death and hepatocellular carcinoma occurrence in patients with alcoholic cirrhosis: a prospective study. <i>European Journal of Gastroenterology and Hepatology</i> , 2007, 19, 425-431.	1.6	23
41	Lipopeptide-based liposomes for DNA delivery into cells expressing neuropilin-1. <i>Journal of Drug Targeting</i> , 2006, 14, 694-706.	4.4	22
42	Glycation Gap Is Associated With Macroproteinuria but Not With Other Complications in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2013, 36, 2070-2076.	8.6	21
43	Impact of cytokine gene variants on the prediction and prognosis of hepatocellular carcinoma in patients with cirrhosis. <i>Journal of Hepatology</i> , 2014, 61, 342-350.	3.7	21
44	Pre-diagnostic levels of adiponectin and soluble vascular cell adhesion molecule-1 are associated with colorectal cancer risk. <i>World Journal of Gastroenterology</i> , 2012, 18, 2805.	3.3	21
45	The manganese superoxide dismutase Ala16Val dimorphism modulates iron accumulation in human hepatoma cells. <i>Free Radical Biology and Medicine</i> , 2008, 45, 1308-1317.	2.9	20
46	Chemokine <i>RANTES</i> Promoter Dimorphisms and Hepatocellular Carcinoma Occurrence in Patients with Alcoholic or <i>Hepatitis C Virus</i> -Related Cirrhosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1439-1446.	2.5	19
47	Weight Status and Alcohol Intake Modify the Association between Vitamin D and Breast Cancer Risk. <i>Journal of Nutrition</i> , 2016, 146, 576-585.	2.9	19
48	Manganese Superoxide Dismutase Dimorphism and Iron Overload, Hepatocellular Carcinoma, and Death in <i>Hepatitis C Virus</i> -Infected Patients. <i>Clinical Gastroenterology and Hepatology</i> , 2007, 5, 630-635.	4.4	15
49	miR-126 is essential for CXCL12-induced angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 6032-6045.	3.6	14
50	Prospective associations between vitamin D status, vitamin D-related gene polymorphisms, and risk of tobacco-related cancers. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1207-1215.	4.7	12
51	Plasma vitamin D status and recurrent depressive symptoms in the French SU.VI.MAX cohort. <i>European Journal of Nutrition</i> , 2017, 56, 2289-2298.	3.9	11
52	Inhibition of VEGF expression in A431 and MDA-MB-231 tumour cells by cationic lipid-mediated siRNA delivery. <i>Journal of Drug Targeting</i> , 2012, 20, 347-354.	4.4	9
53	RANTES/CCL5 mediated-biological effects depend on the syndecan-4/PKCÎ± signaling pathway. <i>Biology Open</i> , 2014, 3, 995-1004.	1.2	9
54	Capillary endothelial but not lymphatic function is restored under rosiglitazone in Zucker Diabetic Fatty rats. <i>Microvascular Research</i> , 2009, 77, 220-225.	2.5	8

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55	Do Genetic Variations in Antioxidant Enzymes Influence the Course of Hereditary Hemochromatosis?. Antioxidants and Redox Signaling, 2011, 15, 31-38.	5.4	7
56	Modulation of the association between plasma intercellular adhesion molecule-1 and cancer risk by n-3 PUFA intake: a nested case-control study. American Journal of Clinical Nutrition, 2012, 95, 944-950.	4.7	7
57	Heparanase and Syndecan-4 Are Involved in Low Molecular Weight Fucoidan-Induced Angiogenesis. Marine Drugs, 2015, 13, 6588-6608.	4.6	7
58	Regulated Shedding of Syndecan Ectodomains by Chemokines. Scientific World Journal, The, 2006, 6, 1037-1040.	2.1	6
59	Effects of insulin analogs as an add-on to metformin on cutaneous microcirculation in type 2 diabetic patients. Microvascular Research, 2018, 116, 6-14.	2.5	6
60	Limited value of angiogenic factors in obese women. Pregnancy Hypertension, 2012, 2, 368-370.	1.4	3