Bruno Clement

List of Publications by Year
in descending order

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122 papers	9,610 citations	53660 45 h-index	38300 95 g-index
136 all docs	136 docs citations	136 times ranked	13160 citing authors

#	Article	IF	Citations
1	International network of cancer genome projects. Nature, 2010, 464, 993-998.	13.7	2,114
2	Integrated analysis of somatic mutations and focal copy-number changes identifies key genes and pathways in hepatocellular carcinoma. Nature Genetics, 2012, 44, 694-698.	9.4	1,229
3	Maintenance and reversibility of active albumin secretion by adult rat hepatocytes co-cultured with another liver epithelial cell type. Experimental Cell Research, 1983, 143, 47-54.	1.2	526
4	Dosimetry Based on ^{99m}Tc-Macroaggregated Albumin SPECT/CT Accurately Predicts Tumor Response and Survival in Hepatocellular Carcinoma Patients Treated with ⁹⁰Y-Loaded Glass Microspheres: Preliminary Results. Journal of Nuclear Medicine, 2012, 53, 255-263.	2.8	242
5	Cell types involved in collagen and fibronectin production in normal and fibrotic human liver. Hepatology, 1986, 6, 225-234.	3.6	240
6	Long-Term Co-Cultures of Adult Human Hepatocytes with Rat Liver Epithelial Cells: Modulation of Albumin Secretion and Accumulation of Extracellular Material. Hepatology, 1984, 4, 373-380.	3.6	193
7	ADAM12 in human liver cancers: TGF-Î²-regulated expression in stellate cells is associated with matrix remodeling. Hepatology, 2003, 37, 1056-1066.	3.6	182
8	Increased extracellular matrix remodeling is associated with tumor progression in human hepatocellular carcinomas. Hepatology, 2001, 34, 82-88.	3.6	178
9	Hepatocyteâ€“Stellate Cell Cross-Talk in the Liver Engenders a Permissive Inflammatory Microenvironment That Drives Progression in Hepatocellular Carcinoma. Cancer Research, 2012, 72, 2533-2542.	0.4	174
10	Boosted selective internal radiation therapy with 90Y-loaded glass microspheres (B-SIRT) for hepatocellular carcinoma patients: a new personalized promising concept. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1057-1068.	3.3	172
11	High Prognostic Value of ¹⁸F-FDG PET for Metastatic Gastroenteropancreatic Neuroendocrine Tumors: A Long-Term Evaluation. Journal of Nuclear Medicine, 2014, 55, 1786-1790.	2.8	153
12	MMP2 activation by collagen I and concanavalin A in cultured human hepatic stellate cells. Hepatology, 1999, 30, 462-468.	3.6	124
13	Identification of a 110-kDa nonintegrin cell surface laminin-binding protein which recognizes an a chain neurite-promoting peptide. Archives of Biochemistry and Biophysics, 1991, 290, 320-325.	1.4	122
14	Stellate cells and the development of liver cancer: Therapeutic potential of targeting the stroma. Journal of Hepatology, 2014, 60, 1306-1309.	1.8	122
15	Personalized Dosimetry with Intensification Using ⁹⁰Y-Loaded Glass Microsphere Radioembolization Induces Prolonged Overall Survival in Hepatocellular Carcinoma Patients with Portal Vein Thrombosis. Journal of Nuclear Medicine, 2015, 56, 339-346.	2.8	122
16	Molecular profiling of stroma identifies osteopontin as an independent predictor of poor prognosis in intrahepatic cholangiocarcinoma. Hepatology, 2013, 58, 1992-2000.	3.6	113
17	Hepatocyte attachment to laminin is mediated through multiple receptors.. Journal of Cell Biology, 1990, 110, 185-192.	2.3	112
18	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.	0.4	105

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19	Combined hepatocellular-cholangiocarcinomas exhibit progenitor features and activation of Wnt and TGFÎ² signaling pathways. Carcinogenesis, 2012, 33, 1791-1796.	1.3	105
20	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.	2.3	101
21	SURVIVAL, PROLIFERATION, AND FUNCTIONS OF PORCINE HEPATOCYTES ENCAPSULATED IN COATED ALGINATE BEADS: A STEP TOWARD A RELIABLE BIOARTIFICIAL LIVER1. Transplantation, 1997, 63, 795-803.	0.5	99
22	Hepatocytes may produce laminin in fibrotic liver and in primary culture. Hepatology, 1988, 8, 794-803.	3.6	92
23	Human hepatocellular carcinomas with a periportal phenotype have the lowest potential for early recurrence after curative resection. Hepatology, 2017, 66, 1502-1518.	3.6	87
24	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.	1.8	85
25	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.	3.6	85
26	Cooperation of Ito cells and hepatocytes in the deposition of an extracellular matrix in vitro. American Journal of Pathology, 1993, 143, 538-44.	1.9	83
27	Blocking Wnt signaling by SFRP-like molecules inhibits in vivo cell proliferation and tumor growth in cells carrying active Î²-catenin. Oncogene, 2011, 30, 423-433.	2.6	78
28	Volumetric Changes after 90Y Radioembolization for Hepatocellular Carcinoma in Cirrhosis: An Option to Portal Vein Embolization in a Preoperative Setting?. Annals of Surgical Oncology, 2013, 20, 2518-2525.	0.7	76
29	Selective internal radiation therapy compared with sorafenib for hepatocellular carcinoma with portal vein thrombosis. European Journal of Nuclear Medicine and Molecular Imaging, 2016, 43, 635-643.	3.3	74
30	Mucin gene expression in biliary epithelial cells. Journal of Hepatology, 1997, 27, 1057-1066.	1.8	71
31	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.	1.9	70
32	A procedure for light and electron microscopic intracellular immunolocalization of collagen and fibronectin in rat liver.. Journal of Histochemistry and Cytochemistry, 1985, 33, 407-414.	1.3	69
33	Repeated endotoxin exposure induces interstitial fibrosis associated with enhanced gelatinase (MMP-2) Tj ETQq1 1 0.784314 rgBT /O	1.6	68
34	Hypothermic Storage and Cryopreservation of Hepatocytes: The Protective Effect of Alginate Gel against Cell Damages. Cell Transplantation, 2003, 12, 579-592.	1.2	62
35	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.	3.6	60
36	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.	1.8	58

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37	Distribution and origin of the basement membrane component perlecan in rat liver and primary hepatocyte culture. American Journal of Pathology, 1993, 142, 199-208.	1.9	55
38	HIP/PAP is an adhesive protein expressed in hepatocarcinoma, normal Paneth, and pancreatic cells. American Journal of Physiology - Renal Physiology, 1996, 271, G993-G1002.	1.6	54
39	Distribution and cellular origin of collagen VI during development and in cirrhosis. Gastroenterology, 1992, 102, 980-987.	0.6	53
40	DETOXIFYING ACTIVITY IN PIG LIVERS AND HEPATOCYTES INTENDED FOR XENOTHERAPY1. Transplantation, 1999, 68, 1437-1443.	0.5	53
41	Long term production of acute-phase proteins by adult rat hepatocytes co-cultured with another liver cell type in serum-free medium. Biochemical and Biophysical Research Communications, 1984, 120, 311-317.	1.0	49
42	A Cryptic Frizzled Module in Cell Surface Collagen 18 Inhibits Wnt/Î²â^'Catenin Signaling. PLoS ONE, 2008, 3, e1878.	1.1	49
43	Integrative Genomic Analysis Identifies the Core Transcriptional Hallmarks of Human Hepatocellular Carcinoma. Cancer Research, 2016, 76, 6374-6381.	0.4	48
44	Public Biobanks: Calculation and Recovery of Costs. Science Translational Medicine, 2014, 6, 261fs45.	5.8	47
45	Local Anesthetics Inhibit the Growth of Human Hepatocellular Carcinoma Cells. Anesthesia and Analgesia, 2017, 125, 1600-1609.	1.1	47
46	Cellular sources of matrix proteins in experimentally induced cholestatic rat liver. Journal of Pathology, 1991, 164, 167-174.	2.1	46
47	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.	1.1	45
48	Hydrocortisone modulates the production of extracellular material and albumin in long-term cocultures of adult rat hepatocytes with other liver epithelial cells. Biochemical and Biophysical Research Communications, 1982, 109, 507-512.	1.0	44
49	EFFECTS OF HYPOTHERMIC MACHINE PERFUSION ON RAT LIVER FUNCTION DEPENDING ON THE ROUTE OF PERFUSION1. Transplantation, 2001, 72, 606-614.	0.5	43
50	Usefulness and pitfalls of MAA SPECT/CT in identifying digestive extrahepatic uptake when planning liver radioembolization. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 872-880.	3.3	40
51	Epithelial cell adhesion molecule is a prognosis marker for intrahepatic cholangiocarcinoma. Journal of Surgical Research, 2014, 192, 117-123.	0.8	37
52	A novel transforming growth factor betaâ€induced long noncoding RNA promotes an inflammatory microenvironment in human intrahepatic cholangiocarcinoma. Hepatology Communications, 2018, 2, 254-269.	2.0	37
53	Treatments in Covid-19 patients with pre-existing metabolic dysfunction-associated fatty liver disease: A potential threat for drug-induced liver injury?. Biochimie, 2020, 179, 266-274.	1.3	37
54	New challenges in hepatic fibrosis. Journal of Hepatology, 1993, 18, 1-4.	1.8	36

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55	Homeostatic control of angiogenesis: A newly identified function of the liver?. Hepatology, 1999, 29, 621-623.	3.6	36
56	Upregulation of the tumor suppressor gene menin in hepatocellular carcinomas and its significance in fibrogenesis. Hepatology, 2006, 44, 1296-1307.	3.6	36
57	Common genetic variation in alcohol-related hepatocellular carcinoma: a case-control genome-wide association study. Lancet Oncology, The, 2022, 23, 161-171.	5.1	36
58	Differential expression of laminin chains and receptor (LBP-32) in fetal and neoplastic hepatocytes compared to normal adult hepatocytes in vivo and in culture. American Journal of Pathology, 1990, 137, 701-9.	1.9	35
59	Publicâ€“private relationships in biobanking: a still underestimated key component of open innovation. Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin, 2014, 464, 3-9.	1.4	33
60	Modulation of human fetal hepatocyte survival and differentiation by interactions with a rat liver epithelial cell line. Developmental Biology, 1984, 105, 211-220.	0.9	32
61	â€œFibrous nestsâ€•in human hepatocellular carcinoma express a Wnt-induced gene signature associated with poor clinical outcome. International Journal of Biochemistry and Cell Biology, 2016, 81, 195-207.	1.2	32
62	New insights into quetiapine metabolism using molecular networking. Scientific Reports, 2020, 10, 19921.	1.6	32
63	Participation of hepatocytes in the production of basement membrane components in human and rat liver during the perinatal period. Cell Differentiation and Development, 1989, 26, 131-144.	0.4	29
64	Effectiveness of quantitative MAA SPECT/CT for the definition of vascularized hepatic volume and dosimetric approach. Nuclear Medicine Communications, 2011, 32, 1245-1255.	0.5	29
65	Measuring the Contribution of Tumor Biobanks to Research in Oncology: Surrogate Indicators and Bibliographic Output. Biopreservation and Biobanking, 2013, 11, 235-244.	0.5	29
66	De novo HAPLN1 expression hallmarks Wnt-induced stem cell and fibrogenic networks leading to aggressive human hepatocellular carcinomas. Oncotarget, 2016, 7, 39026-39043.	0.8	29
67	Cell-based therapy of acute liver failure: The extracorporeal bioartificial liver. Cell Biology and Toxicology, 1996, 12, 325-329.	2.4	28
68	Utility of Quantitative ^{99m}Tc-MAA SPECT/CT for ⁹⁰yttrium-Labelled Microsphere Treatment Planning: Calculating Vascularized Hepatic Volume and Dosimetric Approach. International Journal of Molecular Imaging, 2011, 2011, 1-8.	1.3	28
69	Upregulation of DNA repair genes in active cirrhosis associated with hepatocellular carcinoma. FEBS Letters, 2005, 579, 95-99.	1.3	27
70	Quality Matters: 2016 Annual Conference of the National Infrastructures for Biobanking. Biopreservation and Biobanking, 2017, 15, 270-276.	0.5	26
71	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
72	The promoter of the long variant of collagen XVIII, the precursor of endostatin, contains liver-specific regulatory elements. Hepatology, 2000, 32, 1377-1385.	3.6	23

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73	Deferoxamine arrests in vitro the proliferation of porcine hepatocyte in G1 phase of the cell cycle. Liver, 1998, 18, 60-66.	0.1	23
74	Automation of labelling of Lipiodol with high-activity generator-produced 188Re. Applied Radiation and Isotopes, 2011, 69, 426-430.	0.7	23
75	Modulation of fetal and neonatal rat hepatocyte functional activity by glucocorticoids in co-culture. Cell Differentiation, 1985, 16, 259-268.	1.3	22
76	Differential expression of laminin chains in hepatic lipocytes. FEBS Letters, 1991, 290, 9-12.	1.3	22
77	Reduced encephalopathy in pigs with ischemia-induced acute hepatic failure treated with a bioartificial liver containing alginate-entrapped hepatocytes. Critical Care Medicine, 2002, 30, 658-663.	0.4	22
78	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.	1.4	22
79	Calcitonin gene expression in normal human liver. FEBS Letters, 1993, 331, 15-18.	1.3	21
80	Gene expression profiling of the tumor microenvironment in human intrahepatic cholangiocarcinoma. Genomics Data, 2016, 7, 229-232.	1.3	21
81	Molecular profiling of stroma highlights stratifin as a novel biomarker of poor prognosis in pancreatic ductal adenocarcinoma. British Journal of Cancer, 2020, 123, 72-80.	2.9	21
82	Inhibition of Wnt/Î²-Catenin Signaling by a Soluble Collagen-Derived Frizzled Domain Interacting with Wnt3a and the Receptors Frizzled 1 and 8. PLoS ONE, 2012, 7, e30601.	1.1	21
83	Types I and IV Procollagen Gene Expression in Cultured Rat Hepatocytes. Collagen and Related Research, 1988, 8, 349-359.	2.2	20
84	Uw-preservation of cultured human gallbladder epithelial cells: Phenotypic alterations and differential mucin gene expression in the presence of bile. Hepatology, 1995, 21, 223-231.	3.6	20
85	Assessment of in Vitro Applicability of Reversibly Immortalized NKNT-3 Cells and Clonal Derivatives. Cell Transplantation, 2006, 15, 423-433.	1.2	20
86	The bidirectional crosstalk between metastatic uveal melanoma cells and hepatic stellate cells engenders an inflammatory microenvironment. Experimental Eye Research, 2019, 181, 213-222.	1.2	20
87	Enterocytic differentiation of the human Caco-2 cell line is correlated with down-regulation of fibronectin and laminin. FEBS Letters, 1994, 338, 272-276.	1.3	17
88	A Mr 80K hepatocyte surface protein(s) interacts with basement membrane components. Experimental Cell Research, 1990, 187, 320-323.	1.2	16
89	Expression of laminin and its receptor LBP-32 in human and rat hepatoma cells. Hepatology, 1991, 13, 289-296.	3.6	16
90	Effects of the prolyl 4-hydroxylase proinhibitor HOE 077 on human and rat hepatocytes in primary culture. Journal of Hepatology, 1991, 13, S41-S47.	1.8	14

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91	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.	1.6	14
92	Increased Lipiodol uptake in hepatocellular carcinoma possibly due to increased membrane fluidity by dexamethasone and tamoxifen. Nuclear Medicine and Biology, 2010, 37, 777-784.	0.3	14
93	Urinary TIMPâ€2 and MMPâ€2 are significantly associated with poor bladder compliance in adult patients with spina bifida. Neurourology and Urodynamics, 2019, 38, 2151-2158.	0.8	14
94	Influence of nidogen complexed or not with laminin on attachment, spreading, and albumin and laminin B2 mRNA levels of rat hepatocytes. Journal of Cellular Physiology, 1994, 161, 257-266.	2.0	13
95	CGRP is expressed in primary cultures of human hepatocytes and in normal liver. FEBS Letters, 1994, 351, 63-66.	1.3	13
96	Improvement of the neurological status of pigs with acute liver failure by hepatocytes immobilized in alginate gel beads inoculated in an extracorporeal bioartificial liver. Transplantation Proceedings, 2001, 33, 1932-1934.	0.3	13
97	Establishing a Dedicated Lung Cancer Biobank at the University Center Hospital of Nice (France). Why and How?. Cancers, 2018, 10, 220.	1.7	13
98	Basement membrane gene expression in the liver. Journal of Hepatology, 1995, 22, 10-9.	1.8	13
99	Expression of laminin Î³ 1 cultured hepatocytes involves repeated CTC and GC elements in the LAMC1 promoter. Biochemical Journal, 1996, 313, 745-752.	1.7	11
100	Laminin isoforms in non-tumoral and tumoral human livers. Journal of Hepatology, 1998, 28, 691-699.	1.8	11
101	Follow-up by one- and two-dimensional NMR of plasma from pigs with ischemia-induced acute liver failure treated with a bioartificial liver. NMR in Biomedicine, 2002, 15, 393-403.	1.6	11
102	Molecular Networking for Drug Toxicities Studies: The Case of Hydroxychloroquine in COVID-19 Patients. International Journal of Molecular Sciences, 2022, 23, 82.	1.8	11
103	Synthesis and phosphorylation of cytoskeleton components in foetal, regenerating and adult normal rat hepatocytes during culture. Molecular and Cellular Biochemistry, 1985, 68, 97-105.	1.4	8
104	A national collection of liver tumours: Lessons learnt from 6 years of biobanking in France. Cancer Letters, 2009, 286, 140-144.	3.2	8
105	Ensuring the Safety and Security of Frozen Lung Cancer Tissue Collections through the Encapsulation of Dried DNA. Cancers, 2018, 10, 195.	1.7	6
106	Well-differentiated liver cancers reveal the potential link between ACE2 dysfunction and metabolic breakdown. Scientific Reports, 2022, 12, 1859.	1.6	6
107	Nuclear recruitment of A l p 145 subunit of replication factor C in the early GI phase of the cell cycle in Faza 567 hepatoma cell line and hepatocyte primary cultures. FEBS Letters, 1995, 363, 132-136.	1.3	5
108	Collections of Human Biological Samples for Scientific Purposes. Why do Current Regulation Need to be Clarified and How?. Therapie, 2009, 64, 259-267.	0.6	5

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109	Gemcitabine and Oxaliplatin, but Not Sorafenib or Paclitaxel, Have a Synergistic Effect with Yttrium-90 in Reducing Hepatocellular Carcinoma and Cholangiocarcinoma Cell Line Viability. Journal of Vascular and Interventional Radiology, 2015, 26, 1874-1878.e2.	0.2	5
110	Les biobanques : quels enjeux en 2017 ?. Revue Francophone Des Laboratoires, 2017, 2017, 25-29.	0.0	5
111	Patterns of intermediate filaments, VLA integrins and HLA antigens in a new human biliary epithelial cell line sensitive to interferon-Î³. Journal of Hepatology, 1997, 26, 1287-1299.	1.8	4
112	DNAshell Protects DNA Stored at Room Temperature for Downstream Next-Generation Sequencing Studies. Biopreservation and Biobanking, 2019, 17, 352-354.	0.5	4
113	Method for monitoring alginate released in biological fluids by high-performance anion-exchange chromatography with pulsed amperometric detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 784, 265-274.	1.2	3
114	Le rÃ©seau des Centres de Ressources Biologiques Humains. Therapie, 2005, 60, 351-354.	0.6	3
115	In vitro demonstration of synergy/additivity between (188)rhenium and sorafenib on hepatoma lines: preliminary results. Anticancer Research, 2013, 33, 3871-7.	0.5	3
116	Assessing Matrix Metalloproteinase Expression and Activity in Hepatocellular Carcinomas. , 2000, 45, 139-156.		2
117	Extracellular matrix remodelling and matrix metalloproteinases in the liver. , 2008, , 153-163.		1
118	Letters to the editor. Liver Transplantation, 1996, 2, 332-335.	1.9	0
119	The Human Biological Resource Centres Network. Therapie, 2005, 60, 355-357.	0.6	0
120	Professor Michel Bourel. Journal of Hepatology, 2008, 49, 143-144.	1.8	0
121	Looking for synergy or additivity between 188Re and sorafenib on hepatoma cell lines.. Journal of Clinical Oncology, 2012, 30, 247-247.	0.8	0
122	Absence of correlation between laminin deposition and expression of B2, S, and M laminin genes in Ito cell and hepatocyte primary cultures. Hepatology, 1993, 18, A147.	3.6	0