

Brigitte Bauvois

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

2,139
citations

26
h-index

45
g-index

68
ext. papers

2,306
ext. citations

6.3
avg, IF

5.14
L-index

#	Paper	IF	Citations
64	New facets of matrix metalloproteinases MMP-2 and MMP-9 as cell surface transducers: outside-in signaling and relationship to tumor progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012 , 1825, 29-36	11.2	257
63	Aminopeptidase-N/CD13 (EC 3.4.11.2) inhibitors: chemistry, biological evaluations, and therapeutic prospects. <i>Medicinal Research Reviews</i> , 2006 , 26, 88-130	14.4	196
62	Transmembrane proteases in cell growth and invasion: new contributors to angiogenesis?. <i>Oncogene</i> , 2004 , 23, 317-29	9.2	134
61	Matrix metalloproteinase-9 silencing by RNA interference triggers the migratory-adhesive switch in Ewing's sarcoma cells. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36537-46	5.4	93
60	Interferons inhibit tumor necrosis factor-alpha-mediated matrix metalloproteinase-9 activation via interferon regulatory factor-1 binding competition with NF-kappa B. <i>Journal of Biological Chemistry</i> , 2002 , 277, 35766-75	5.4	89
59	Production of matrix metalloproteinase-9 in early stage B-CLL: suppression by interferons. <i>Leukemia</i> , 2002 , 16, 791-8	10.7	85
58	Synthesis and biological evaluation of novel flavone-8-acetic acid derivatives as reversible inhibitors of aminopeptidase N/CD13. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 3900-13	8.3	75
57	Production of nitric oxide (NO) in human hydatidosis: relationship between nitrite production and interferon-gamma levels. <i>Biochimie</i> , 1998 , 80, 739-44	4.6	68
56	Human U937 cell surface peptidase activities: characterization and degradative effect on tumor necrosis factor-alpha. <i>European Journal of Immunology</i> , 1992 , 22, 923-30	6.1	66
55	Regulation of CD26/DPPIV gene expression by interferons and retinoic acid in tumor B cells. <i>Oncogene</i> , 2000 , 19, 265-72	9.2	61
54	Accumulation and Changes in Composition of Collagens in Subcutaneous Adipose Tissue After Bariatric Surgery. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016 , 101, 293-304	5.6	60
53	Ecto-peptidases in pathophysiology. <i>BioEssays</i> , 2001 , 23, 251-60	4.1	54
52	TGF-beta 1-stimulated adhesion of human mononuclear phagocytes to fibronectin and laminin is abolished by IFN-gamma: dependence on alpha 5 beta 1 and beta 2 integrins. <i>Experimental Cell Research</i> , 1996 , 222, 209-17	4.2	45
51	Aminopeptidase-N/CD13 is a potential proapoptotic target in human myeloid tumor cells. <i>FASEB Journal</i> , 2011 , 25, 2831-42	0.9	40
50	Protein tyrosine kinase and p38 MAP kinase pathways are involved in stimulation of matrix metalloproteinase-9 by TNF-alpha in human monocytes. <i>Immunology Letters</i> , 2006 , 106, 34-41	4.1	39
49	A new acivicin prodrug designed for tumor-targeted delivery. <i>Bioorganic and Medicinal Chemistry</i> , 2001 , 9, 2843-8	3.4	39
48	Constitutive expression of CD26/dipeptidylpeptidase IV on peripheral blood B lymphocytes of patients with B chronic lymphocytic leukaemia. <i>British Journal of Cancer</i> , 1999 , 79, 1042-8	8.7	39

47	Neutrophil Gelatinase-Associated Lipocalin (NGAL), Pro-Matrix Metalloproteinase-9 (pro-MMP-9) and Their Complex Pro-MMP-9/NGAL in Leukaemias. <i>Cancers</i> , 2014 , 6, 796-812	6.6	38
46	Development of potent and selective dipeptidyl peptidase II inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002 , 12, 2825-8	2.9	35
45	Similar increased serum dipeptidyl peptidase IV activity in chronic hepatitis C and other viral infections. <i>Journal of Clinical Virology</i> , 2003 , 27, 59-68	14.5	35
44	Upregulation of CD38 gene expression in leukemic B cells by interferon types I and II. <i>Journal of Interferon and Cytokine Research</i> , 1999 , 19, 1059-66	3.5	35
43	Comparative degradation of adenylnucleotides by cultured endothelial cells and fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 85, 183-9	3.4	35
42	Characterization of specific proteases associated with the surface of human skin fibroblasts, and their modulation in pathology. <i>Journal of Cellular Physiology</i> , 1992 , 151, 378-85	7	34
41	Hyperforin inhibits Akt1 kinase activity and promotes caspase-mediated apoptosis involving Bad and Noxa activation in human myeloid tumor cells. <i>PLoS ONE</i> , 2011 , 6, e25963	3.7	33
40	Specific changes in plasma concentrations of matrix metalloproteinase-2 and -9, TIMP-1 and TGF-beta1 in patients with distinct types of primary glomerulonephritis. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1115-22	4.3	32
39	Revisiting Neutrophil Gelatinase-Associated Lipocalin (NGAL) in Cancer: Saint or Sinner?. <i>Cancers</i> , 2018 , 10,	6.6	28
38	Inactivation of interleukin-6 in vitro by monoblastic U937 cell plasma membranes involves both protease and peptidyl-transferase activities. <i>FEBS Journal</i> , 1993 , 215, 825-31		26
37	Characterization of rat T cell precursors sorted by chemotactic migration toward thymotaxin. <i>Cell</i> , 1989 , 56, 1073-83	56.2	26
36	Murine thymocytes possess specific cell surface-associated exoaminopeptidase activities: preferential expression by immature CD4-CD8- subpopulation. <i>European Journal of Immunology</i> , 1990 , 20, 459-68	6.1	25
35	Aldosterone and Vascular Mineralocorticoid Receptors in Murine Endotoxic and Human Septic Shock. <i>Critical Care Medicine</i> , 2017 , 45, e954-e962	1.4	24
34	Divergent regulation of cell surface protease expression in HL-60 cells differentiated into macrophages with granulocyte macrophage colony stimulating factor or neutrophils with retinoic acid. <i>International Immunology</i> , 1993 , 5, 965-73	4.9	24
33	gamma-Glutamyl transpeptidase expression in Ewing's sarcoma cells: up-regulation by interferons. <i>Biochemical Journal</i> , 2002 , 364, 719-24	3.8	21
32	Inhibition of matrix metalloproteinase-9 by interferons and TGF-beta1 through distinct signalings accounts for reduced monocyte invasiveness. <i>FEBS Letters</i> , 2005 , 579, 5487-93	3.8	20
31	ABH and Lewis glycosyltransferases in human red cells, lymphocytes and platelets. <i>Revue Française De Transfusion Et Immunohématologie</i> , 1980 , 23, 271-82		19
30	Types I and II interferons upregulate the costimulatory CD80 molecule in monocytes via interferon regulatory factor-1. <i>Biochemical Pharmacology</i> , 2009 , 78, 514-22	6	18

29	Concomitant elevations of MMP-9, NGAL, proMMP-9/NGAL and neutrophil elastase in serum of smokers with chronic obstructive pulmonary disease. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 1280-1291	5.6	17
28	Discrimination between activity of (alpha 2-3)-sialyltransferase and (alpha 2-6)-sialyltransferase in human platelets using p-nitrophenyl-beta-D-galactoside as acceptor. <i>FEBS Journal</i> , 1982 , 121, 567-72		16
27	p70S6 kinase is a target of the novel proteasome inhibitor 3,3Rdiamino-4Rmethoxyflavone during apoptosis in human myeloid tumor cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013 , 1833, 1316-28	4.9	14
26	The CNGRC-GG-D(KLAKLAK)2 peptide induces a caspase-independent, Ca ²⁺ -dependent death in human leukemic myeloid cells by targeting surface aminopeptidase N/CD13. <i>Oncotarget</i> , 2016 , 7, 19445-37	3.3	12
25	Differential regulation of tumor necrosis factor-alpha-converting enzyme and angiotensin-converting enzyme by type I and II interferons in human normal and leukemic myeloid cells. <i>Oncogene</i> , 2007 , 26, 102-10	9.2	11
24	Characterization and modulation of cell surface proteases on human myeloblastic (HL-60) cells and comparison to normal myeloid cells. <i>Immunology Letters</i> , 1992 , 34, 257-65	4.1	10
23	Membrane glycoprotein IIb is the major endogenous acceptor for human platelet ectosialyltransferase. <i>FEBS Letters</i> , 1981 , 125, 277-81	3.8	10
22	Targeting CD13 (aminopeptidase-N) in turn downregulates ADAM17 by internalization in acute myeloid leukaemia cells. <i>Oncotarget</i> , 2014 , 5, 8211-22	3.3	10
21	Allium compounds, dipropyl and dimethyl thiosulfinates as antiproliferative and differentiating agents of human acute myeloid leukemia cell lines. <i>Biologics: Targets and Therapy</i> , 2008 , 2, 885-95	4.4	9
20	Aspects of haemopoietic cell dynamics: ontogeny and targeted migration. <i>Annales De L'Institut Pasteur Immunologie</i> , 1988 , 139, 409-31		9
19	Hyperforin induces apoptosis of chronic lymphocytic leukemia cells through upregulation of the BH3-only protein Noxa. <i>International Journal of Oncology</i> , 2012 , 40, 269-76	4.4	7
18	Synergistic effect of prolactin on IFN-gamma-mediated growth arrest in human monoblastic cells: correlation with the up-regulation of IFN-gamma receptor gene expression. <i>Immunology Letters</i> , 1996 , 53, 125-30	4.1	6
17	Heterogeneity of antibodies to adenosine 5Rmonophosphate. <i>Nucleic Acids and Protein Synthesis</i> , 1976 , 454, 1-8		6
16	Reanalysis of the involvement of gamma-glutamyl transpeptidase in the cell activation process. <i>FEBS Letters</i> , 2001 , 508, 226-30	3.8	5
15	Protease-catalyzed conversion of insulin-like growth factor-1 and interleukin-6 into high-molecular-mass species through the sequential action of hematopoietic surface-associated cathepsin G and gamma-glutamyl transpeptidase-related activities. <i>FEBS Journal</i> , 1994 , 223, 617-24		5
14	Characterization of a sialyl alpha 2-3 transferase and a sialyl alpha 2-6 transferase from human platelets occurring in the sialylation of the N-glycosylproteins. <i>BBA - Proteins and Proteomics</i> , 1984 , 788, 234-40		5
13	A collagen:glucosyltransferase at the surface of malignant fibroblasts. <i>Journal of Cellular Physiology</i> , 1985 , 124, 213-8	7	5
12	Glycoprotein-sialyltransferase activity of normal human, thrombasthenic and Bernard-Soulier platelets. <i>Vox Sanguinis</i> , 1981 , 40, 71-8	3.1	5

11	Matrix Metalloproteinase-9 (279R/Q) Polymorphism is Associated with Clinical Severity and Airflow Limitation in Tunisian Patients with Chronic Obstructive Pulmonary Disease. <i>Molecular Diagnosis and Therapy</i> , 2015 , 19, 375-87	4.5	4
10	21.1.1, a novel activation marker of T and B cells. <i>Molecular Immunology</i> , 1991 , 28, 417-26	4.3	4
9	Initial adhesion of murine fibroblasts to collagen and fibronectin occurs by two mechanisms. <i>Cell Biochemistry and Function</i> , 1987 , 5, 281-7	4.2	4
8	In vitro activity of some flavonoid derivatives on human leukemic myeloid cells: evidence for aminopeptidase-N (CD13) inhibition, antiproliferative and cell death properties. <i>AIMS Molecular Science</i> , 2016 , 3, 368-385	0.9	3
7	Targeting of acivicin prodrugs as antibody conjugates. <i>Journal of Controlled Release</i> , 2001 , 74, 255-7	11.7	2
6	Loss of alpha5beta1-mediated adhesion of monocytic cells to fibronectin by interferons beta and gamma is associated with changes in actin and paxillin cytoskeleton. <i>The Hematology Journal</i> , 2000 , 1, 172-80		2
5	Relation of Neutrophil Gelatinase-Associated Lipocalin Overexpression to the Resistance to Apoptosis of Tumor B Cells in Chronic Lymphocytic Leukemia. <i>Cancers</i> , 2020 , 12,	6.6	2
4	Activation of Interferon Signaling in Chronic Lymphocytic Leukemia Cells Contributes to Apoptosis Resistance via a JAK-Src/STAT3/Mcl-1 Signaling Pathway. <i>Biomedicines</i> , 2021 , 9,	4.8	2
3	Interactions between human monocytes and fibronectin are suppressed by interferons β and γ but not α Correlation with Rho-paxillin signaling. <i>International Journal of Molecular Medicine</i> , 2002 , 10, 25	4.4	1
2	Distinct cellular functions mediated by haemopoietic cell-surface proteases. <i>Advances in Neuroimmunology</i> , 1993 , 3, 171-181		1
1	Interaction of adenosine and adenylnucleotides with the human platelet membrane. Further characterization of the ADP binding sites. <i>Pathophysiology of Haemostasis and Thrombosis: International Journal on Haemostasis and Thrombosis Research</i> , 1980 , 9, 92-104		