

# Angeles Garcia Pardo

## List of Publications by Year in descending order

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51  
papers

2,834  
citations

186265

28  
h-index

189892

50  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of the T lymphocyte adhesion receptor for an alternative cell attachment domain (CS-1) in plasma fibronectin.. Journal of Cell Biology, 1989, 109, 1321-1330.	5.2	794
2	MMP-9 in B-cell chronic lymphocytic leukemia is up-regulated by $\alpha 4 \beta 1$ integrin or CXCR4 engagement via distinct signaling pathways, localizes to podosomes, and is involved in cell invasion and migration. Blood, 2006, 108, 3143-3151.	1.4	143
3	$\alpha 4 \beta 1$ integrin and 190-kDa CD44v constitute a cell surface docking complex for gelatinase B/MMP-9 in chronic leukemic but not in normal B cells. Blood, 2008, 112, 169-178.	1.4	140
4	Matrix Metalloproteinase-9 Promotes Chronic Lymphocytic Leukemia B Cell Survival through Its Hemopexin Domain. Cancer Cell, 2010, 17, 160-172.	16.8	138
5	Fibronectin interaction with $\alpha 4 \beta 1$ integrin prevents apoptosis in B cell chronic lymphocytic leukemia: correlation with Bcl-2 and Bax. Leukemia, 1999, 13, 266-274.	7.2	133
6	VLA-4-fibronectin interaction is required for the terminal differentiation of human bone marrow cells capable of spontaneous and high rate immunoglobulin secretion.. Journal of Experimental Medicine, 1992, 175, 1739-1747.	8.5	121
7	Activation of the alpha 4 beta 1 integrin through the beta 1 subunit induces recognition of the RGDS sequence in fibronectin.. Journal of Cell Biology, 1994, 126, 271-279.	5.2	91
8	Matrix metalloproteinase-9 is up-regulated by CCL21/CCR7 interaction via extracellular signal-regulated kinase-1/2 signaling and is involved in CCL21-driven B-cell chronic lymphocytic leukemia cell invasion and migration. Blood, 2008, 111, 383-386.	1.4	90
9	Subtilisin and cyanogen bromide cleavage products of fibronectin that retain gelatin-binding activity.. Proceedings of the National Academy of Sciences of the United States of America, 1979, 76, 4803-4807.	7.1	82
10	Fibronectin Type III5 Repeat Contains a Novel Cell Adhesion Sequence, KLDAPT, Which Binds Activated $\alpha 4 \beta 1$ and $\alpha 4 \beta 2$ Integrins. Journal of Biological Chemistry, 1997, 272, 24832-24836.	3.4	64
11	Phorbol ester-induced differentiation of U937 cells enhances attachment to fibronectin and distinctly modulates the $\alpha 5 \beta 1$ and $\alpha 4 \beta 1$ fibronectin receptors. Experimental Cell Research, 1991, 193, 20-26.	2.6	54
12	Differential expression of VLA-4 integrin by resident and peripheral blood B lymphocytes. Acquisition of functionally active $\alpha 4 \beta 1$ -fibronectin receptors upon B cell activation. European Journal of Immunology, 1991, 21, 2437-2445.	2.9	52
13	Induction of B-Chronic Lymphocytic Leukemia Cell Apoptosis by Arsenic Trioxide Involves Suppression of the Phosphoinositide 3-Kinase/Akt Survival Pathway via c-jun-NH2 Terminal Kinase Activation and PTEN Upregulation. Clinical Cancer Research, 2010, 16, 4382-4391.	7.0	49
14	AT514, a cyclic depsipeptide from Serratia marcescens, induces apoptosis of B-chronic lymphocytic leukemia cells: interference with the Akt/NF- $\kappa$ B survival pathway. Leukemia, 2005, 19, 572-579.	7.2	43
15	Cooperative Role for Activated $\alpha 4 \beta 1$ Integrin and Chondroitin Sulfate Proteoglycans in Cell Adhesion to the Heparin III Domain of Fibronectin. Journal of Biological Chemistry, 1999, 274, 135-142.	3.4	41
16	Heparin II Domain of Fibronectin Uses $\alpha 4 \beta 1$ Integrin to Control Focal Adhesion and Stress Fiber Formation, Independent of Syndecan-4. Journal of Biological Chemistry, 2005, 280, 6915-6922.	3.4	40
17	Circular trimers of gelatinase B/matrix metalloproteinase-9 constitute a distinct population of functional enzyme molecules differentially regulated by tissue inhibitor of metalloproteinases-1. Biochemical Journal, 2015, 465, 259-270.	3.7	39
18	Secretory component is covalently bound to a single sub-unit in human secretory IgA. Molecular Immunology, 1979, 16, 477-482.	2.2	38

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19	Fibronectin receptors of mononuclear phagocytes: Binding characteristics and biochemical isolation. <i>Experimental Cell Research</i> , 1989, 181, 420-431.	2.6	38
20	Involvement of p53 in $\alpha 4 \beta 1$ integrin-mediated resistance of B-CLL cells to fludarabine. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 708-712.	2.1	37
21	Bcl-2 family gene modulation during spontaneous apoptosis of B-chronic lymphocytic leukemia cells. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 562-567.	2.1	36
22	Liver Damage using Suicide Genes. <i>American Journal of Pathology</i> , 2000, 157, 549-559.	3.8	35
23	$\alpha 4 \beta 1$ Integrin/Ligand Interaction Inhibits $\alpha 5 \beta 1$ -induced Stress Fibers and Focal Adhesions via Down-Regulation of RhoA and Induces Melanoma Cell Migration. <i>Molecular Biology of the Cell</i> , 2003, 14, 3699-3715.	2.1	30
24	A 17-residue Sequence from the Matrix Metalloproteinase-9 (MMP-9) Hemopexin Domain Binds $\alpha 4 \beta 1$ Integrin and Inhibits MMP-9-induced Functions in Chronic Lymphocytic Leukemia B Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 27601-27613.	3.4	30
25	Sphingosine-1-phosphate activates chemokine-promoted myeloma cell adhesion and migration involving $\alpha 4 \beta 1$ integrin function. <i>Journal of Pathology</i> , 2013, 229, 36-48.	4.5	30
26	A Novel CD44-binding Peptide from the Pro-Matrix Metalloproteinase-9 Hemopexin Domain Impairs Adhesion and Migration of Chronic Lymphocytic Leukemia (CLL) Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 15340-15349.	3.4	30
27	The class II tumor-suppressor gene RARRES3 is expressed in B cell lymphocytic leukemias and down-regulated with disease progression. <i>Leukemia</i> , 2001, 15, 1521-1526.	7.2	29
28	VEGF/VEGFR2 interaction down-regulates matrix metalloproteinase-9 via STAT1 activation and inhibits B chronic lymphocytic leukemia cell migration. <i>Blood</i> , 2010, 115, 846-849.	1.4	29
29	Specific binding of the human monocytic cell line U937 to the alternatively spliced connecting segment (III <sub>CS</sub> ) of fibronectin. <i>Journal of Experimental Medicine</i> , 1990, 171, 351-356.	8.5	28
30	The dioxin receptor controls $\beta 1$ integrin activation in fibroblasts through a Cbp-Csk-Src pathway. <i>Cellular Signalling</i> , 2013, 25, 848-859.	3.6	27
31	The heparin III-binding domain of fibronectin (III <sub>4-5</sub> repeats) binds to fibronectin and inhibits fibronectin matrix assembly. <i>Matrix Biology</i> , 2007, 26, 642-651.	3.6	25
32	Adhesion to fibronectin via $\alpha 4$ integrin (CD49d) protects B cells from apoptosis induced by serum deprivation but not via IgM or Fas/Apo-1 receptors. <i>Clinical and Experimental Immunology</i> , 2002, 127, 455-462.	2.6	23
33	Overexpression of progelatinase B/proMMP-9 affects migration regulatory pathways and impairs chronic lymphocytic leukemia cell homing to bone marrow and spleen. <i>Journal of Leukocyte Biology</i> , 2014, 96, 185-199.	3.3	23
34	Fibronectin binds to amyloid P component. Localization of the binding site to the 31,000 dalton C-terminal domain. <i>Biochemical and Biophysical Research Communications</i> , 1986, 140, 12-20.	2.1	20
35	The CS1 segment of fibronectin is involved in human OSCC pathogenesis by mediating OSCC cell spreading, migration, and invasion. <i>BMC Cancer</i> , 2010, 10, 330.	2.6	20
36	Molecular and Functional Characterization of Mouse S5D-SRCRB: A New Group B Member of the Scavenger Receptor Cysteine-Rich Superfamily. <i>Journal of Immunology</i> , 2011, 186, 2344-2354.	0.8	19

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37	Structure-function analysis of the human integrin VLA-4 ( $\alpha 4\beta 1$ ). FEBS Letters, 1991, 294, 121-124.	2.8	18
38	Chemical modification of carboxyl groups in human $\alpha 3\beta 3$ fragment II. Location of acidic residues involved in complement activation. Molecular Immunology, 1982, 19, 579-588.	2.2	17
39	A synthetic peptide from the heparin-binding domain III (repeats III4-5) of fibronectin promotes stress-fibre and focal-adhesion formation in melanoma cells. Biochemical Journal, 2003, 371, 565-571.	3.7	17
40	Primary structure of human plasma fibronectin II. Characterization of the 6,000 dalton C-terminal fragment containing the interchain disulfide bridges. Biochemical and Biophysical Research Communications, 1984, 120, 1015-1021.	2.1	16
41	The $\alpha 4\beta 1$ Fibronectin Ligands CS-19 HEP II, and RGD Induce Different Intracellular Events in B Lymphoid Cells. Comparison with the Effects of the Endothelial Ligand V CAM-1. Cell Adhesion and Communication, 1996, 4, 251-267.	1.7	15
42	Activation pathways of $\alpha 4\beta 1$ integrin leading to distinct T-cell cytoskeleton reorganization, Rac1 regulation and Pyk2 phosphorylation. Journal of Cellular Physiology, 2006, 207, 746-756.	4.1	15
43	Inadequate Activation of the GTPase RhoA Contributes to the Lack of Fibronectin Matrix Assembly in von Hippel-Lindau Protein-defective Renal Cancer Cells. Journal of Biological Chemistry, 2008, 283, 24982-24990.	3.4	14
44	Arsenic trioxide synergistically potentiates the cytotoxic effect of fludarabine in chronic lymphocytic leukemia cells by further inactivating the Akt and ERK signaling pathways. Biochemical and Biophysical Research Communications, 2015, 461, 243-248.	2.1	12
45	Further Characterization of the Binding of Fibronectin to Gelatin Reveals the Presence of Different Binding Interactions. Archives of Biochemistry and Biophysics, 1993, 304, 181-188.	3.0	11
46	Two novel monoclonal antibodies to fibronectin that recognize the hep II and CS-1 regions respectively: Their differential effect on lymphocyte adhesion. Biochemical and Biophysical Research Communications, 1992, 186, 135-142.	2.1	10
47	Matrix Metalloproteinase-9 Is Involved in Chronic Lymphocytic Leukemia Cell Response to Fludarabine and Arsenic Trioxide. PLoS ONE, 2014, 9, e99993.	2.5	10
48	Analysis of the activation state of $\alpha 4\beta 1$ integrin in human B cell lines derived from myeloma, leukemia or lymphoma. FEBS Letters, 1997, 418, 337-340.	2.8	9
49	$\alpha 4\beta 1$ integrin associates with VEGFR2 in CLL cells and contributes to VEGF binding and intracellular signaling. Blood Advances, 2019, 3, 2144-2148.	5.2	8
50	Response to Auer: the class II tumor-suppressor gene RARRES3 is expressed in B-CLL and down-regulated with disease progression. Leukemia, 2002, 16, 1396-1397.	7.2	1
51	Reply to Auer. Leukemia, 2002, 16, 1397-1397.	7.2	0