Francisco SÃ¡nchez-Madrid

List of Publications by Year
in descending order

492 papers	46,121 citations	97 h-index	192 g-index
		2423	2736
504 all docs	504 docs citations	504 times ranked	44651 citing authors

#	Article	IF	Citations
1	Biological properties of extracellular vesicles and their physiological functions. Journal of Extracellular Vesicles, 2015, 4, 27066.	5.5	3,973
2	Prevention of experimental autoimmune encephalomyelitis by antibodies against Î±4Î²1 integrin. Nature, 1992, 356, 63-66.	13.7	1,668
3	Unidirectional transfer of microRNA-loaded exosomes from T cells to antigen-presenting cells. Nature Communications, 2011, 2, 282.	5.8	1,525
4	Sumoylated hnRNPA2B1 controls the sorting of miRNAs into exosomes through binding to specific motifs. Nature Communications, 2013, 4, 2980.	5.8	1,522
5	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. PLoS Biology, 2012, 10, e1001450.	2.6	1,064
6	A human leukocyte differentiation antigen family with distinct alpha-subunits and a common beta-subunit: the lymphocyte function-associated antigen (LFA-1), the C3bi complement receptor (OKM1/Mac-1), and the p150,95 molecule.. Journal of Experimental Medicine, 1983, 158, 1785-1803.	4.2	895
7	Peritoneal Dialysis and Epithelial-to-Mesenchymal Transition of Mesothelial Cells. New England Journal of Medicine, 2003, 348, 403-413.	13.9	694
8	Three distinct antigens associated with human T-lymphocyte-mediated cytolysis: LFA-1, LFA-2, and LFA-3.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 7489-7493.	3.3	687
9	Sorting it out: Regulation of exosome loading. Seminars in Cancer Biology, 2014, 28, 3-13.	4.3	592
10	Intercellular communication: diverse structures for exchange of genetic information. Nature Reviews Molecular Cell Biology, 2012, 13, 328-335.	16.1	551
11	Dynamic interaction of VCAM-1 and ICAM-1 with moesin and ezrin in a novel endothelial docking structure for adherent leukocytes. Journal of Cell Biology, 2002, 157, 1233-1245.	2.3	540
12	Leukocyte polarization in cell migration and immune interactions. EMBO Journal, 1999, 18, 501-511.	3.5	535
13	CD69: from activation marker to metabolic gatekeeper. European Journal of Immunology, 2017, 47, 946-953.	1.6	534
14	Tetraspanin-enriched microdomains: a functional unit in cell plasma membranes. Trends in Cell Biology, 2009, 19, 434-446.	3.6	517
15	HDAC6: a key regulator of cytoskeleton, cell migration and cellâ€“cell interactions. Trends in Cell Biology, 2008, 18, 291-297.	3.6	438
16	The functional significance, distribution, and structure of LFA-1, LFA-2, and LFA-3: cell surface antigens associated with CTL-target interactions. Journal of Immunology, 1983, 131, 611-6.	0.4	435
17	Recruitment of Nck by CD3Ïµ Reveals a Ligand-Induced Conformational Change Essential for T Cell Receptor Signaling and Synapse Formation. Cell, 2002, 109, 901-912.	13.5	411
18	CD69 is an immunoregulatory molecule induced following activation. Trends in Immunology, 2005, 26, 136-140.	2.9	386

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19	The Intracellular Interactome of Tetraspanin-enriched Microdomains Reveals Their Function as Sorting Machineries toward Exosomes. Journal of Biological Chemistry, 2013, 288, 11649-11661.	1.6	377
20	ISGylation controls exosome secretion by promoting lysosomal degradation of MVB proteins. Nature Communications, 2016, 7, 13588.	5.8	334
21	Glycoproteins of 210,000 and 130,000 m.w. on activated T cells: cell distribution and antigenic relation to components on resting cells and T cell lines. Journal of Immunology, 1984, 132, 3011-8.	0.4	323
22	Role of the cytoskeleton during leukocyte responses. Nature Reviews Immunology, 2004, 4, 110-122.	10.6	318
23	Mitochondria Know No Boundaries: Mechanisms and Functions of Intercellular Mitochondrial Transfer. Frontiers in Cell and Developmental Biology, 2016, 4, 107.	1.8	296
24	Activated Conformations of Very Late Activation Integrins Detected by a Group of Antibodies (HUTS) Specific for a Novel Regulatory Region(355-425) of the Common Î²1 Chain. Journal of Biological Chemistry, 1996, 271, 11067-11075.	1.6	280
25	Molecular cloning, expression, and chromosomal localization of the human earliest lymphocyte activation antigen AIM/CD69, a new member of the C-type animal lectin superfamily of signal-transmitting receptors.. Journal of Experimental Medicine, 1993, 178, 537-547.	4.2	274
26	Triggering of T cell proliferation through AIM, an activation inducer molecule expressed on activated human lymphocytes.. Journal of Experimental Medicine, 1988, 168, 1621-1637.	4.2	272
27	Transfer of extracellular vesicles during immune cellâ€cell interactions. Immunological Reviews, 2013, 251, 125-142.	2.8	271
28	Induction of tumor necrosis factor alpha production by human hepatocytes in chronic viral hepatitis.. Journal of Experimental Medicine, 1994, 179, 841-848.	4.2	266
29	Regulation of Endothelial Cell Motility by Complexes of Tetraspan Molecules CD81/TAPA-1 and CD151/PETA-3 with Î±3Î²1 Integrin Localized at Endothelial Lateral Junctions. Journal of Cell Biology, 1998, 141, 791-804.	2.3	266
30	Mapping of antigenic and functional epitopes on the alpha- and beta-subunits of two related mouse glycoproteins involved in cell interactions, LFA-1 and Mac-1.. Journal of Experimental Medicine, 1983, 158, 586-602.	4.2	257
31	Chemokines regulate cellular polarization and adhesion receptor redistribution during lymphocyte interaction with endothelium and extracellular matrix. Involvement of cAMP signaling pathway.. Journal of Cell Biology, 1995, 131, 495-508.	2.3	252
32	Priming of dendritic cells by DNA-containing extracellular vesicles from activated T cells through antigen-driven contacts. Nature Communications, 2018, 9, 2658.	5.8	242
33	LFA-1 and Lyt-2,3, Molecules Associated with T Lymphocyte-Mediated Killing; and Mac-1, an LFA-1 Homologue Associated with Complement Receptor Function1. Immunological Reviews, 1982, 68, 171-196.	2.8	217
34	Functional evidence for three distinct and independently inhibitable adhesion activities mediated by the human integrin VLA-4. Correlation with distinct alpha 4 epitopes. Journal of Biological Chemistry, 1991, 266, 10241-10245.	1.6	215
35	Membrane Type 1-Matrix Metalloproteinase Is Activated during Migration of Human Endothelial Cells and Modulates Endothelial Motility and Matrix Remodeling. Journal of Biological Chemistry, 2001, 276, 37491-37500.	1.6	214
36	Moesin Interacts with the Cytoplasmic Region of Intercellular Adhesion Molecule-3 and Is Redistributed to the Uropod of T Lymphocytes during Cell Polarization. Journal of Cell Biology, 1997, 138, 1409-1423.	2.3	212

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37	Rho GTPases control migration and polarization of adhesion molecules and cytoskeletal ERM components in T lymphocytes. European Journal of Immunology, 1999, 29, 3609-3620.	1.6	211
38	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplatforms. Journal of Cell Biology, 2008, 183, 527-542.	2.3	211
39	Increased Circulating Pro-Inflammatory Cytokines and Th17 Lymphocytes in Hashimotoâ€™s Thyroiditis. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 953-962.	1.8	209
40	VLA-3: A novel polypeptide association within the VLA molecular complex: cell distribution and biochemical characterization. European Journal of Immunology, 1986, 16, 1343-1349.	1.6	208
41	Regulated expression on human macrophages of endoglin, an Arg-Gly-Asp-containing surface antigen. European Journal of Immunology, 1992, 22, 393-397.	1.6	208
42	ECM regulates MT1-MMP localization with Î²1 or Î±vÎ²3 integrins at distinct cell compartments modulating its internalization and activity on human endothelial cells. Journal of Cell Biology, 2002, 159, 509-521.	2.3	206
43	Regulation of the VLA integrin-ligand interactions through the beta 1 subunit.. Journal of Cell Biology, 1992, 117, 659-670.	2.3	203
44	Polarization of Chemokine Receptors to the Leading Edge during Lymphocyte Chemotaxis. Journal of Experimental Medicine, 1997, 186, 153-158.	4.2	202
45	ITAM-Based Interaction of ERM Proteins with Syk Mediates Signaling by the Leukocyte Adhesion Receptor PSGL-1. Immunity, 2002, 17, 401-412.	6.6	200
46	Endothelial tetraspanin microdomains regulate leukocyte firm adhesion during extravasation. Blood, 2005, 105, 2852-2861.	0.6	199
47	Angiogenesis in chronic inflammatory liver disease. Hepatology, 2004, 39, 1185-1195.	3.6	198
48	Upregulated expression and function of VLA-4 fibronectin receptors on human activated T cells in rheumatoid arthritis.. Journal of Clinical Investigation, 1991, 88, 546-552.	3.9	193
49	HDAC6 Deacetylase Activity Links the Tubulin Cytoskeleton with Immune Synapse Organization. Immunity, 2004, 20, 417-428.	6.6	184
50	EWI-2 and EWI-F Link the Tetraspanin Web to the Actin Cytoskeleton through Their Direct Association with Ezrin-Radixin-Moesin Proteins. Journal of Biological Chemistry, 2006, 281, 19665-19675.	1.6	178
51	Functional evidence for three distinct and independently inhibitable adhesion activities mediated by the human integrin VLA-4. Correlation with distinct alpha 4 epitopes. Journal of Biological Chemistry, 1991, 266, 10241-5.	1.6	177
52	An alternative leukocyte homotypic adhesion mechanism, LFA-1/ICAM-1-independent, triggered through the human VLA-4 integrin.. Journal of Cell Biology, 1990, 110, 2157-2165.	2.3	175
53	Regulatory T Cells in Human Autoimmune Thyroid Disease. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3639-3646.	1.8	175
54	HIF2Î± Acts as an mTORC1 Activator through the Amino Acid Carrier SLC7A5. Molecular Cell, 2012, 48, 681-691.	4.5	170

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55	Cell adhesion molecules: selectins and integrins. Critical Reviews in Immunology, 1999, 19, 389-429.	1.0	170
56	IL-6 serum levels predict severity and response to tocilizumab in COVID-19: An observational study. Journal of Allergy and Clinical Immunology, 2021, 147, 72-80.e8.	1.5	166
57	MTOC translocation modulates IS formation and controls sustained T cell signaling. Journal of Cell Biology, 2008, 182, 951-962.	2.3	165
58	Caveolae Are a Novel Pathway for Membrane-Type 1 Matrix Metalloproteinase Traffic in Human Endothelial Cells. Molecular Biology of the Cell, 2004, 15, 678-687.	0.9	163
59	Enhanced Antitumor Immunity in Mice Deficient in CD69. Journal of Experimental Medicine, 2003, 197, 1093-1106.	4.2	158
60	ICAM-3 interacts with LFA-1 and regulates the LFA-1/ICAM-1 cell adhesion pathway.. Journal of Cell Biology, 1993, 123, 1007-1016.	2.3	157
61	Tau â€“ an inhibitor of deacetylase HDAC6 function. Journal of Neurochemistry, 2009, 109, 1756-1766.	2.1	153
62	CD69 downregulates autoimmune reactivity through active transforming growth factor-Î² production in collagen-induced arthritis. Journal of Clinical Investigation, 2003, 112, 872-882.	3.9	150
63	Tetraspanins CD9 and CD81 Modulate HIV-1-Induced Membrane Fusion. Journal of Immunology, 2006, 177, 5129-5137.	0.4	149
64	Thyrocytes from Autoimmune Thyroid Disorders Produce the Chemokines IP-10 And Mig and Attract CXCR3+ Lymphocytes. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 5008-5016.	1.8	148
65	CXCR3 Chemokine Receptor Distribution in Normal and Inflamed Tissues: Expression on Activated Lymphocytes, Endothelial Cells, and Dendritic Cells. Laboratory Investigation, 2001, 81, 409-418.	1.7	147
66	Bringing up the rear: defining the roles of the uropod. Nature Reviews Molecular Cell Biology, 2009, 10, 353-359.	16.1	147
67	The mitochondrial fission factor dynamin-related protein 1 modulates T-cell receptor signalling at the immune synapse. EMBO Journal, 2011, 30, 1238-1250.	3.5	146
68	Prevention of in vitro neutrophil-endothelial attachment through shedding of L-selectin by nonsteroidal antiinflammatory drugs.. Journal of Clinical Investigation, 1995, 95, 1756-1765.	3.9	146
69	Role of ICAM-3 in the initial interaction of T lymphocytes and APCs. Nature Immunology, 2002, 3, 159-168.	7.0	142
70	Cytoskeletal rearrangement during migration and activation of T lymphocytes. Trends in Cell Biology, 1999, 9, 228-233.	3.6	140
71	Is CD69 an effective brake to control inflammatory diseases?. Trends in Molecular Medicine, 2013, 19, 625-632.	3.5	140
72	Comparative analysis of EV isolation procedures for miRNAs detection in serum samples. Journal of Extracellular Vesicles, 2016, 5, 31655.	5.5	131

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73	Relevance of CD6-Mediated Interactions in T Cell Activation and Proliferation. Journal of Immunology, 2004, 173, 2262-2270.	0.4	130
74	Cutting Edge: Dynamic Redistribution of Tetraspanin CD81 at the Central Zone of the Immune Synapse in Both T Lymphocytes and APC. Journal of Immunology, 2002, 169, 6691-6695.	0.4	128
75	VLA-4 integrin concentrates at the peripheral supramolecular activation complex of the immune synapse and drives T helper 1 responses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11058-11063.	3.3	128
76	ISGylation â€“ a key to lock the cell gates for preventing the spread of threats. Journal of Cell Science, 2017, 130, 2961-2969.	1.2	124
77	Vascular adhesion molecule expression in viral chronic hepatitis: Evidence of neoangiogenesis in portal tracts. Gastroenterology, 1995, 108, 231-241.	0.6	121
78	ICAMs Redistributed by Chemokines to Cellular Uropods as a Mechanism for Recruitment of T Lymphocytes. Journal of Cell Biology, 1997, 137, 493-508.	2.3	119
79	Acidic Ribosomal Proteins from Eukaryotic Cells. Effect on Ribosomal Functions. FEBS Journal, 1979, 98, 409-416.	0.2	118
80	Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. Molecular Biology of the Cell, 2005, 16, 5445-5454.	0.9	117
81	Involvement of phosphatidylinositol 3-kinase in stromal cell-derived factor-1 alpha-induced lymphocyte polarization and chemotaxis. Journal of Immunology, 1999, 163, 4001-12.	0.4	117
82	Similarities and Differences in RANTES- and (AOP)-RANTESâ€“triggered Signals: Implications for Chemotaxis. Journal of Cell Biology, 1999, 144, 755-765.	2.3	115
83	Moesin is required for HIV-1-induced CD4-CXCR4 interaction, F-actin redistribution, membrane fusion and viral infection in lymphocytes. Journal of Cell Science, 2009, 122, 103-113.	1.2	115
84	Dynamic recruitment of the adaptor protein LAT: LAT exists in two distinct intracellular pools and controls its own recruitment. Journal of Cell Science, 2004, 117, 1009-1016.	1.2	114
85	Immunomodulatory role of microRNAs transferred by extracellular vesicles. Biology of the Cell, 2015, 107, 61-77.	0.7	114
86	Transcriptional Regulation of the Gene Encoding the Human C-type Lectin Leukocyte Receptor AIM/CD69 and Functional Characterization of Its Tumor Necrosis Factor-Î±-responsive Elements. Journal of Biological Chemistry, 1995, 270, 21545-21551.	1.6	113
87	A Novel Circulating Noncoding Small RNA for the Detection of Acute Myocarditis. New England Journal of Medicine, 2021, 384, 2014-2027.	13.9	112
88	Down-regulation by tumor necrosis factor-Î± of neutrophil cell surface expression of the sialophorin CD43 and the hyaluronate receptor CD44 through a proteolytic mechanism. European Journal of Immunology, 1991, 21, 3045-3048.	1.6	111
89	CD69 Association with Jak3/Stat5 Proteins Regulates Th17 Cell Differentiation. Molecular and Cellular Biology, 2010, 30, 4877-4889.	1.1	110
90	Adhesion of Monocytes to Vascular Cell Adhesion Molecule-1â€“Transduced Human Endothelial Cells. Circulation Research, 1998, 82, 871-878.	2.0	105

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91	Membrane type 1â€“matrix metalloproteinase is involved in migration of human monocytes and is regulated through their interaction with fibronectin or endothelium. Blood, 2005, 105, 3956-3964.	0.6	105
92	MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. Blood, 2008, 112, 3217-3226.	0.6	105
93	Alpha 4 beta 7 integrin mediates B cell binding to fibronectin and vascular cell adhesion molecule-1. Expression and function of alpha 4 integrins on human B lymphocytes. Journal of Immunology, 1993, 151, 2471-83.	0.4	104
94	Regulatory role of tetraspanin CD9 in tumorâ€“endothelial cell interaction during transendothelial invasion of melanoma cells. Blood, 2001, 98, 3717-3726.	0.6	103
95	Expression and Regulation of the Metalloproteinase ADAM-8 during Human Neutrophil Pathophysiological Activation and Its Catalytic Activity on L-Selectin Shedding. Journal of Immunology, 2007, 178, 8053-8063.	0.4	103
96	Efficient encapsulation of theranostic nanoparticles in cell-derived exosomes: leveraging the exosomal biogenesis pathway to obtain hollow gold nanoparticle-hybrids. Nanoscale, 2019, 11, 18825-18836.	2.8	103
97	Involvement of the CD4 molecule in a post-activation event on T cell proliferation. European Journal of Immunology, 1987, 17, 179-186.	1.6	102
98	The chemokine SDF-1Î± triggers a chemotactic response and induces cell polarization in human B lymphocytes. European Journal of Immunology, 1998, 28, 2197-2207.	1.6	102
99	ROS-Triggered Phosphorylation of Complex II by Fgr Kinase Regulates Cellular Adaptation to Fuel Use. Cell Metabolism, 2014, 19, 1020-1033.	7.2	101
100	Miro-1 Links Mitochondria and Microtubule Dynein Motors To Control Lymphocyte Migration and Polarity. Molecular and Cellular Biology, 2014, 34, 1412-1426.	1.1	100
101	Tetraspanins are Localized at Motility-Related Structures and Involved in Normal Human Keratinocyte Wound Healing Migration. Journal of Investigative Dermatology, 2000, 114, 1126-1135.	0.3	98
102	Functional insights on the polarized redistribution of leukocyte integrins and their ligands during leukocyte migration and immune interactions. Immunological Reviews, 2007, 218, 147-164.	2.8	98
103	The Rho Exchange Factors Vav2 and Vav3 Control a Lung Metastasisâ€“Specific Transcriptional Program in Breast Cancer Cells. Science Signaling, 2012, 5, ra71.	1.6	98
104	CD69 controls the uptake of L-tryptophan through LAT1-CD98 and AhR-dependent secretion of IL-22 in psoriasis. Nature Immunology, 2016, 17, 985-996.	7.0	98
105	Post-translational add-ons mark the path in exosomal protein sorting. Cellular and Molecular Life Sciences, 2018, 75, 1-19.	2.4	97
106	A high affinity conformational state on VLA integrin heterodimers induced by an anti-beta 1 chain monoclonal antibody. Journal of Biological Chemistry, 1993, 268, 9863-9868.	1.6	96
107	Regulatory role of CD43 leukosialin on integrin-mediated T-cell adhesion to endothelial and extracellular matrix ligands and its polar redistribution to a cellular uropod. Blood, 1995, 86, 2228-2239.	0.6	95
108	Paxillin Localizes to the Lymphocyte Microtubule Organizing Center and Associates with the Microtubule Cytoskeleton. Journal of Biological Chemistry, 2000, 275, 26436-26440.	1.6	95

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109	A Role for the Rho-p160 Rho Coiled-Coil Kinase Axis in the Chemokine Stromal Cell-Derived Factor-1Î±-Induced Lymphocyte Actomyosin and Microtubular Organization and Chemotaxis. Journal of Immunology, 2002, 168, 400-410.	0.4	95
110	The tetraspanin CD9 inhibits the proliferation and tumorigenicity of human colon carcinoma cells. International Journal of Cancer, 2007, 121, 2140-2152.	2.3	95
111	Intracellular location of T200 and Mo1 glycoproteins in human neutrophils.. Journal of Biological Chemistry, 1988, 263, 9946-9951.	1.6	95
112	Triggering of co-mitogenic signals in T cell proliferation by anti-LFA-1 (CD18, CD11a), LFA-3, and CD7 monoclonal antibodies. Journal of Immunology, 1988, 141, 1919-24.	0.4	95
113	Monoclonal Antibodies Specific for Rat IgG1, IgG2a, and IgG2b Subclasses, and Kappa Chain Monotypic and Allotypic Determinants: Reagents for Use with Rat Monoclonal Antibodies. Hybridoma, 1982, 1, 257-273.	0.9	94
114	Embryonic implantation and leukocyte transendothelial migration: different processes with similar players?. FASEB Journal, 2005, 19, 1056-1060.	0.2	94
115	When should we order a next generation sequencing test in a patient with cancer?. EClinicalMedicine, 2020, 25, 100487.	3.2	94
116	Regulated expression and function of CD11c/CD18 integrin on human B lymphocytes. Relation between attachment to fibrinogen and triggering of proliferation through CD11c/CD18.. Journal of Experimental Medicine, 1991, 174, 1313-1322.	4.2	93
117	ICAM-3, the third LFA-1 counterreceptor, is a co-stimulatory molecule for both resting and activated T lymphocytes. European Journal of Immunology, 1993, 23, 2799-2806.	1.6	93
118	Cellular polarization induced by chemokines: a mechanism for leukocyte recruitment?. Trends in Immunology, 1996, 17, 127-131.	7.5	93
119	The sheddase activity of ADAM17/TACE is regulated by the tetraspanin CD9. Cellular and Molecular Life Sciences, 2011, 68, 3275-3292.	2.4	93
120	Monoclonal antibodies to three distinct epitopes on human IgE: Their use for determination of allergen-specific IgE. Journal of Immunological Methods, 1984, 73, 367-378.	0.6	92
121	Induction of tyrosine phosphorylation during ICAM-3 and LFA-1-mediated intercellular adhesion, and its regulation by the CD45 tyrosine phosphatase.. Journal of Cell Biology, 1994, 126, 1277-1286.	2.3	92
122	Rapamycin attenuates atherosclerosis induced by dietary cholesterol in apolipoprotein-deficient mice through a p27Kip1-independent pathway. Atherosclerosis, 2004, 172, 31-38.	0.4	91
123	The CD3-gamma and CD3-delta subunits of the T cell antigen receptor can be expressed within distinct functional TCR/CD3 complexes.. EMBO Journal, 1991, 10, 903-912.	3.5	90
124	Cell adhesion and polarity during immune interactions. Immunological Reviews, 2002, 186, 68-82.	2.8	90
125	Metabolic Pathways That Control Skin Homeostasis and Inflammation. Trends in Molecular Medicine, 2020, 26, 975-986.	3.5	90
126	Post-Translational Modifications of Exosomal Proteins. Frontiers in Immunology, 2014, 5, 383.	2.2	89

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127	Tumor necrosis factor-Î± production induced in T lymphocytes through the AIM/CD69 activation pathway. European Journal of Immunology, 1992, 22, 1253-1259.	1.6	88
128	Immune synapse: conductor of orchestrated organelle movement. Trends in Cell Biology, 2014, 24, 61-72.	3.6	86
129	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. Molecular and Cellular Proteomics, 2016, 15, 1740-1760.	2.5	86
130	Increased binding of synovial T lymphocytes from rheumatoid arthritis to endothelial-leukocyte adhesion molecule-1 (ELAM-1) and vascular cell adhesion molecule-1 (VCAM-1).. Journal of Clinical Investigation, 1992, 89, 1445-1452.	3.9	86
131	Macrophage Oxygen Sensing Modulates Antigen Presentation and Phagocytic Functions Involving IFN-Î³ Production through the HIF-1Î± Transcription Factor. Journal of Immunology, 2009, 182, 3155-3164.	0.4	85
132	Expression of a novel activation antigen on intrahepatic CD8+ T lymphocytes in viral chronic active hepatitis. Gastroenterology, 1990, 98, 1029-1035.	0.6	84
133	CD69 Limits the Severity of Cardiomyopathy After Autoimmune Myocarditis. Circulation, 2010, 122, 1396-1404.	1.6	84
134	NSAIDs: Learning new tricks from old drugs. European Journal of Immunology, 2015, 45, 679-686.	1.6	83
135	A novel functional cell surface dimer (Kp43) expressed by natural killer cells and T cell receptor-gamma/delta+ T lymphocytes. I. Inhibition of the IL-2-dependent proliferation by anti-Kp43 monoclonal antibody. Journal of Immunology, 1990, 144, 3238-47.	0.4	83
136	The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner. Oncogene, 2001, 20, 3323-3331.	2.6	82
137	CD69 downregulates autoimmune reactivity through active transforming growth factor-Î² production in collagen-induced arthritis. Journal of Clinical Investigation, 2003, 112, 872-882.	3.9	82
138	Nuclear Envelope Lamin-A Couples Actin Dynamics with Immunological Synapse Architecture and T Cell Activation. Science Signaling, 2014, 7, ra37.	1.6	81
139	Endosomal clathrin drives actin accumulation at the immunological synapse. Journal of Cell Science, 2011, 124, 820-830.	1.2	80
140	Lymphocyte Chemotaxis Is Regulated by Histone Deacetylase 6, Independently of Its Deacetylase Activity. Molecular Biology of the Cell, 2006, 17, 3435-3445.	0.9	79
141	The Leukocyte Activation Receptor CD69 Controls T Cell Differentiation through Its Interaction with Galectin-1. Molecular and Cellular Biology, 2014, 34, 2479-2487.	1.1	79
142	Heterogeneity in human melanoma cell adhesion to cytokine activated endothelial cells correlates with VLA-4 expression. Cancer Research, 1991, 51, 2239-41.	0.4	79
143	The Tyrosine Kinase Pyk-2/Raftk Regulates Natural Killer (Nk) Cell Cytotoxic Response, and Is Translocated and Activated upon Specific Target Cell Recognition and Killing. Journal of Cell Biology, 2000, 149, 1249-1262.	2.3	78
144	The hepatitis B virus X protein (HBx) induces a migratory phenotype in a CD44-dependent manner: Possible role of HBx in invasion and metastasis. Hepatology, 2001, 33, 1270-1281.	3.6	78

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145	Comparative biochemical and tissue distribution study of four distinct CD45 antigen specificities. Journal of Immunology, 1988, 140, 3851-7.	0.4	78
146	ICAM-3 regulates lymphocyte morphology and integrin-mediated T cell interaction with endothelial cell and extracellular matrix ligands.. Journal of Cell Biology, 1994, 127, 867-878.	2.3	77
147	Intracellular location of T200 and Mo1 glycoproteins in human neutrophils. Journal of Biological Chemistry, 1988, 263, 9946-51.	1.6	77
148	A high affinity conformational state on VLA integrin heterodimers induced by an anti-beta 1 chain monoclonal antibody. Journal of Biological Chemistry, 1993, 268, 9863-8.	1.6	77
149	Adhesion Molecules in Inflammatory Diseases. Drugs, 1998, 56, 977-988.	4.9	76
150	Inhibition of leukocyte adhesion: an alternative mechanism of action for anti-inflammatory drugs. Trends in Immunology, 1998, 19, 169-172.	7.5	75
151	Lipid rafts mediate biosynthetic transport to the T lymphocyte uropod subdomain and are necessary for uropod integrity and function. Blood, 2002, 99, 978-984.	0.6	75
152	Functional Role of P-Selectin Glycoprotein Ligand 1/P-Selectin Interaction in the Generation of Tolerogenic Dendritic Cells. Journal of Immunology, 2007, 179, 7457-7465.	0.4	75
153	The Interaction of Activated Integrin Lymphocyte Function-associated Antigen 1 with Ligand Intercellular Adhesion Molecule 1 Induces Activation and Redistribution of Focal Adhesion Kinase and Proline-rich Tyrosine Kinase 2 in T Lymphocytes. Molecular Biology of the Cell, 1999, 10, 1891-1907.	0.9	74
154	Ligand-induced conformational change in the T-cell receptor associated with productive immune synapses. Blood, 2005, 106, 601-608.	0.6	74
155	Endothelial Nitric Oxide Synthase Regulates T Cell Receptor Signaling at the Immunological Synapse. Immunity, 2006, 24, 753-765.	6.6	74
156	G protein-coupled receptor kinase 2 positively regulates epithelial cell migration. EMBO Journal, 2008, 27, 1206-1218.	3.5	74
157	Antigen-induced clustering of surface CD38 and recruitment of intracellular CD38 to the immunologic synapse. Blood, 2008, 111, 3653-3664.	0.6	74
158	Tetraspanins in intercellular adhesion of polarized epithelial cells: spatial and functional relationship to integrins and cadherins. Journal of Cell Science, 2001, 114, 577-587.	1.2	74
159	The Î±4Î²1/VCAM-1 adhesion pathway in physiology and disease. Research in Immunology, 1993, 144, 723-735.	0.9	73
160	The Two Poles of the Lymphocyte: Specialized Cell Compartments for Migration and Recruitment. Cell Adhesion and Communication, 1998, 6, 125-133.	1.7	72
161	Distribution of ICAM-3-bearing cells in normal human tissues. Expression of a novel counter-receptor for LFA-1 in epidermal Langerhans cells. American Journal of Pathology, 1993, 143, 774-83.	1.9	72
162	Effect of the hepatitis B virus HBx protein on integrin-mediated adhesion to and migration on extracellular matrix. Journal of Hepatology, 2001, 34, 409-415.	1.8	71

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163	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 10507-10512.	3.3	71
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