

Francisco SÃ¡nchez-Madrid

List of Publications by Year in descending order

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492
papers

46,121
citations

2832

97
h-index

3171

192
g-index

504
all docs

504
docs citations

504
times ranked

48487
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological properties of extracellular vesicles and their physiological functions. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066.	5.5	3,973
2	Prevention of experimental autoimmune encephalomyelitis by antibodies against $\alpha 4 \beta 2$ integrin. <i>Nature</i> , 1992, 356, 63-66.	13.7	1,668
3	Unidirectional transfer of microRNA-loaded exosomes from T cells to antigen-presenting cells. <i>Nature Communications</i> , 2011, 2, 282.	5.8	1,525
4	Sumoylated hnRNPA2B1 controls the sorting of miRNAs into exosomes through binding to specific motifs. <i>Nature Communications</i> , 2013, 4, 2980.	5.8	1,522
5	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 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.. <i>Journal of Experimental Medicine</i> , 1983, 158, 1785-1803.	4.2	895
7	Peritoneal Dialysis and Epithelial-to-Mesenchymal Transition of Mesothelial Cells. <i>New England Journal of Medicine</i> , 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.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1982, 79, 7489-7493.	3.3	687
9	Sorting it out: Regulation of exosome loading. <i>Seminars in Cancer Biology</i> , 2014, 28, 3-13.	4.3	592
10	Intercellular communication: diverse structures for exchange of genetic information. <i>Nature Reviews Molecular Cell Biology</i> , 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. <i>Journal of Cell Biology</i> , 2002, 157, 1233-1245.	2.3	540
12	Leukocyte polarization in cell migration and immune interactions. <i>EMBO Journal</i> , 1999, 18, 501-511.	3.5	535
13	CD69: from activation marker to metabolic gatekeeper. <i>European Journal of Immunology</i> , 2017, 47, 946-953.	1.6	534
14	Tetraspanin-enriched microdomains: a functional unit in cell plasma membranes. <i>Trends in Cell Biology</i> , 2009, 19, 434-446.	3.6	517
15	HDAC6: a key regulator of cytoskeleton, cell migration and cell-cell interactions. <i>Trends in Cell Biology</i> , 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. <i>Journal of Immunology</i> , 1983, 131, 611-6.	0.4	435
17	Recruitment of Nck by CD3 ζ Reveals a Ligand-Induced Conformational Change Essential for T Cell Receptor Signaling and Synapse Formation. <i>Cell</i> , 2002, 109, 901-912.	13.5	411
18	CD69 is an immunoregulatory molecule induced following activation. <i>Trends in Immunology</i> , 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. <i>Journal of Biological Chemistry</i> , 2013, 288, 11649-11661.	1.6	377
20	ISGylation controls exosome secretion by promoting lysosomal degradation of MVB proteins. <i>Nature Communications</i> , 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. <i>Journal of Immunology</i> , 1984, 132, 3011-8.	0.4	323
22	Role of the cytoskeleton during leukocyte responses. <i>Nature Reviews Immunology</i> , 2004, 4, 110-122.	10.6	318
23	Mitochondria Know No Boundaries: Mechanisms and Functions of Intercellular Mitochondrial Transfer. <i>Frontiers in Cell and Developmental Biology</i> , 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 $\beta 1$ Chain. <i>Journal of Biological Chemistry</i> , 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.. <i>Journal of Experimental Medicine</i> , 1993, 178, 537-547.	4.2	274
26	Triggering of T cell proliferation through AIM, an activation inducer molecule expressed on activated human lymphocytes.. <i>Journal of Experimental Medicine</i> , 1988, 168, 1621-1637.	4.2	272
27	Transfer of extracellular vesicles during immune cell-cell interactions. <i>Immunological Reviews</i> , 2013, 251, 125-142.	2.8	271
28	Induction of tumor necrosis factor alpha production by human hepatocytes in chronic viral hepatitis.. <i>Journal of Experimental Medicine</i> , 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 $\beta 1$ Integrin Localized at Endothelial Lateral Junctions. <i>Journal of Cell Biology</i> , 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.. <i>Journal of Experimental Medicine</i> , 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.. <i>Journal of Cell Biology</i> , 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. <i>Nature Communications</i> , 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. <i>Immunological Reviews</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Cell Biology</i> , 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. <i>European Journal of Immunology</i> , 1999, 29, 3609-3620.	1.6	211
38	Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplatforms. <i>Journal of Cell Biology</i> , 2008, 183, 527-542.	2.3	211
39	Increased Circulating Pro-Inflammatory Cytokines and Th17 Lymphocytes in Hashimoto's Thyroiditis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 953-962.	1.8	209
40	VLA-3: A novel polypeptide association within the VLA molecular complex: cell distribution and biochemical characterization. <i>European Journal of Immunology</i> , 1986, 16, 1343-1349.	1.6	208
41	Regulated expression on human macrophages of endoglin, an Arg-Gly-Asp-containing surface antigen. <i>European Journal of Immunology</i> , 1992, 22, 393-397.	1.6	208
42	ECM regulates MT1-MMP localization with $\alpha 21$ or $\alpha 23$ integrins at distinct cell compartments modulating its internalization and activity on human endothelial cells. <i>Journal of Cell Biology</i> , 2002, 159, 509-521.	2.3	206
43	Regulation of the VLA integrin-ligand interactions through the beta 1 subunit.. <i>Journal of Cell Biology</i> , 1992, 117, 659-670.	2.3	203
44	Polarization of Chemokine Receptors to the Leading Edge during Lymphocyte Chemotaxis. <i>Journal of Experimental Medicine</i> , 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. <i>Immunity</i> , 2002, 17, 401-412.	6.6	200
46	Endothelial tetraspanin microdomains regulate leukocyte firm adhesion during extravasation. <i>Blood</i> , 2005, 105, 2852-2861.	0.6	199
47	Angiogenesis in chronic inflammatory liver disease. <i>Hepatology</i> , 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.. <i>Journal of Clinical Investigation</i> , 1991, 88, 546-552.	3.9	193
49	HDAC6 Deacetylase Activity Links the Tubulin Cytoskeleton with Immune Synapse Organization. <i>Immunity</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Biological Chemistry</i> , 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.. <i>Journal of Cell Biology</i> , 1990, 110, 2157-2165.	2.3	175
53	Regulatory T Cells in Human Autoimmune Thyroid Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3639-3646.	1.8	175
54	HIF2 α Acts as an mTORC1 Activator through the Amino Acid Carrier SLC7A5. <i>Molecular Cell</i> , 2012, 48, 681-691.	4.5	170

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

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73	Relevance of CD6-Mediated Interactions in T Cell Activation and Proliferation. <i>Journal of Immunology</i> , 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. <i>Journal of Immunology</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 11058-11063.	3.3	128
76	ISGylation â€œ a key to lock the cell gates for preventing the spread of threats. <i>Journal of Cell Science</i> , 2017, 130, 2961-2969.	1.2	124
77	Vascular adhesion molecule expression in viral chronic hepatitis: Evidence of neoangiogenesis in portal tracts. <i>Gastroenterology</i> , 1995, 108, 231-241.	0.6	121
78	ICAMs Redistributed by Chemokines to Cellular Uropods as a Mechanism for Recruitment of T Lymphocytes. <i>Journal of Cell Biology</i> , 1997, 137, 493-508.	2.3	119
79	Acidic Ribosomal Proteins from Eukaryotic Cells. Effect on Ribosomal Functions. <i>FEBS Journal</i> , 1979, 98, 409-416.	0.2	118
80	Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. <i>Molecular Biology of the Cell</i> , 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. <i>Journal of Immunology</i> , 1999, 163, 4001-12.	0.4	117
82	Similarities and Differences in RANTES- and (AOP)-RANTESâ€œtriggered Signals: Implications for Chemotaxis. <i>Journal of Cell Biology</i> , 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. <i>Journal of Cell Science</i> , 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. <i>Journal of Cell Science</i> , 2004, 117, 1009-1016.	1.2	114
85	Immunomodulatory role of microRNAs transferred by extracellular vesicles. <i>Biology of the Cell</i> , 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. <i>Journal of Biological Chemistry</i> , 1995, 270, 21545-21551.	1.6	113
87	A Novel Circulating Noncoding Small RNA for the Detection of Acute Myocarditis. <i>New England Journal of Medicine</i> , 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. <i>European Journal of Immunology</i> , 1991, 21, 3045-3048.	1.6	111
89	CD69 Association with Jak3/Stat5 Proteins Regulates Th17 Cell Differentiation. <i>Molecular and Cellular Biology</i> , 2010, 30, 4877-4889.	1.1	110
90	Adhesion of Monocytes to Vascular Cell Adhesion Molecule-1â€œTransduced Human Endothelial Cells. <i>Circulation Research</i> , 1998, 82, 871-878.	2.0	105

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91	Membrane type 1 matrix metalloproteinase is involved in migration of human monocytes and is regulated through their interaction with fibronectin or endothelium. <i>Blood</i> , 2005, 105, 3956-3964.	0.6	105
92	MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. <i>Blood</i> , 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. <i>Journal of Immunology</i> , 1993, 151, 2471-83.	0.4	104
94	Regulatory role of tetraspanin CD9 in tumor endothelial cell interaction during transendothelial invasion of melanoma cells. <i>Blood</i> , 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. <i>Journal of Immunology</i> , 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. <i>Nanoscale</i> , 2019, 11, 18825-18836.	2.8	103
97	Involvement of the CD4 molecule in a post-activation event on T cell proliferation. <i>European Journal of Immunology</i> , 1987, 17, 179-186.	1.6	102
98	The chemokine SDF-1 α triggers a chemotactic response and induces cell polarization in human B lymphocytes. <i>European Journal of Immunology</i> , 1998, 28, 2197-2207.	1.6	102
99	ROS-Triggered Phosphorylation of Complex II by Fgr Kinase Regulates Cellular Adaptation to Fuel Use. <i>Cell Metabolism</i> , 2014, 19, 1020-1033.	7.2	101
100	Miro-1 Links Mitochondria and Microtubule Dynein Motors To Control Lymphocyte Migration and Polarity. <i>Molecular and Cellular Biology</i> , 2014, 34, 1412-1426.	1.1	100
101	Tetraspanins are Localized at Motility-Related Structures and Involved in Normal Human Keratinocyte Wound Healing Migration. <i>Journal of Investigative Dermatology</i> , 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. <i>Immunological Reviews</i> , 2007, 218, 147-164.	2.8	98
103	The Rho Exchange Factors Vav2 and Vav3 Control a Lung Metastasis-Specific Transcriptional Program in Breast Cancer Cells. <i>Science Signaling</i> , 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. <i>Nature Immunology</i> , 2016, 17, 985-996.	7.0	98
105	Post-translational add-ons mark the path in exosomal protein sorting. <i>Cellular and Molecular Life Sciences</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Blood</i> , 1995, 86, 2228-2239.	0.6	95
108	Paxillin Localizes to the Lymphocyte Microtubule Organizing Center and Associates with the Microtubule Cytoskeleton. <i>Journal of Biological Chemistry</i> , 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-1 α -Induced Lymphocyte Actomyosin and Microtubular Organization and Chemotaxis. <i>Journal of Immunology</i> , 2002, 168, 400-410.	0.4	95
110	The tetraspanin CD9 inhibits the proliferation and tumorigenicity of human colon carcinoma cells. <i>International Journal of Cancer</i> , 2007, 121, 2140-2152.	2.3	95
111	Intracellular location of T200 and Mo1 glycoproteins in human neutrophils.. <i>Journal of Biological Chemistry</i> , 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. <i>Journal of Immunology</i> , 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. <i>Hybridoma</i> , 1982, 1, 257-273.	0.9	94
114	Embryonic implantation and leukocyte transendothelial migration: different processes with similar players?. <i>FASEB Journal</i> , 2005, 19, 1056-1060.	0.2	94
115	When should we order a next generation sequencing test in a patient with cancer?. <i>EClinicalMedicine</i> , 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.. <i>Journal of Experimental Medicine</i> , 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. <i>European Journal of Immunology</i> , 1993, 23, 2799-2806.	1.6	93
118	Cellular polarization induced by chemokines: a mechanism for leukocyte recruitment?. <i>Trends in Immunology</i> , 1996, 17, 127-131.	7.5	93
119	The sheddase activity of ADAM17/TACE is regulated by the tetraspanin CD9. <i>Cellular and Molecular Life Sciences</i> , 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. <i>Journal of Immunological Methods</i> , 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.. <i>Journal of Cell Biology</i> , 1994, 126, 1277-1286.	2.3	92
122	Rapamycin attenuates atherosclerosis induced by dietary cholesterol in apolipoprotein-deficient mice through a p27Kip1-independent pathway. <i>Atherosclerosis</i> , 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.. <i>EMBO Journal</i> , 1991, 10, 903-912.	3.5	90
124	Cell adhesion and polarity during immune interactions. <i>Immunological Reviews</i> , 2002, 186, 68-82.	2.8	90
125	Metabolic Pathways That Control Skin Homeostasis and Inflammation. <i>Trends in Molecular Medicine</i> , 2020, 26, 975-986.	3.5	90
126	Post-Translational Modifications of Exosomal Proteins. <i>Frontiers in Immunology</i> , 2014, 5, 383.	2.2	89

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127	Tumor necrosis factor- α production induced in T lymphocytes through the AIM/CD69 activation pathway. <i>European Journal of Immunology</i> , 1992, 22, 1253-1259.	1.6	88
128	Immune synapse: conductor of orchestrated organelle movement. <i>Trends in Cell Biology</i> , 2014, 24, 61-72.	3.6	86
129	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 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). <i>Journal of Clinical Investigation</i> , 1992, 89, 1445-1452.	3.9	86
131	Macrophage Oxygen Sensing Modulates Antigen Presentation and Phagocytic Functions Involving IFN- β Production through the HIF-1 α Transcription Factor. <i>Journal of Immunology</i> , 2009, 182, 3155-3164.	0.4	85
132	Expression of a novel activation antigen on intrahepatic CD8+ T lymphocytes in viral chronic active hepatitis. <i>Gastroenterology</i> , 1990, 98, 1029-1035.	0.6	84
133	CD69 Limits the Severity of Cardiomyopathy After Autoimmune Myocarditis. <i>Circulation</i> , 2010, 122, 1396-1404.	1.6	84
134	NSAIDs: Learning new tricks from old drugs. <i>European Journal of Immunology</i> , 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. <i>Journal of Immunology</i> , 1990, 144, 3238-47.	0.4	83
136	The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner. <i>Oncogene</i> , 2001, 20, 3323-3331.	2.6	82
137	CD69 downregulates autoimmune reactivity through active transforming growth factor- β production in collagen-induced arthritis. <i>Journal of Clinical Investigation</i> , 2003, 112, 872-882.	3.9	82
138	Nuclear Envelope Lamin-A Couples Actin Dynamics with Immunological Synapse Architecture and T Cell Activation. <i>Science Signaling</i> , 2014, 7, ra37.	1.6	81
139	Endosomal clathrin drives actin accumulation at the immunological synapse. <i>Journal of Cell Science</i> , 2011, 124, 820-830.	1.2	80
140	Lymphocyte Chemotaxis Is Regulated by Histone Deacetylase 6, Independently of Its Deacetylase Activity. <i>Molecular Biology of the Cell</i> , 2006, 17, 3435-3445.	0.9	79
141	The Leukocyte Activation Receptor CD69 Controls T Cell Differentiation through Its Interaction with Galectin-1. <i>Molecular and Cellular Biology</i> , 2014, 34, 2479-2487.	1.1	79
142	Heterogeneity in human melanoma cell adhesion to cytokine activated endothelial cells correlates with VLA-4 expression. <i>Cancer Research</i> , 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. <i>Journal of Cell Biology</i> , 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. <i>Hepatology</i> , 2001, 33, 1270-1281.	3.6	78

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145	Comparative biochemical and tissue distribution study of four distinct CD45 antigen specificities. <i>Journal of Immunology</i> , 1988, 140, 3851-7.	0.4	78
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