

Francisco SÃ¡nchez-Madrid

List of Publications by Year in descending order

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Version: 2024-02-01

492
papers

46,121
citations

2427

97
h-index

2747

192
g-index

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. <i>Journal of Extracellular Vesicles</i> , 2015, 4, 27066. | 12.2 | 3,973 |
| 2 | Prevention of experimental autoimmune encephalomyelitis by antibodies against $\alpha 4 \beta 2$ integrin. <i>Nature</i> , 1992, 356, 63-66. | 27.8 | 1,668 |
| 3 | Unidirectional transfer of microRNA-loaded exosomes from T cells to antigen-presenting cells. <i>Nature Communications</i> , 2011, 2, 282. | 12.8 | 1,525 |
| 4 | Sumoylated hnRNPA2B1 controls the sorting of miRNAs into exosomes through binding to specific motifs. <i>Nature Communications</i> , 2013, 4, 2980. | 12.8 | 1,522 |
| 5 | Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450. | 5.6 | 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 C3b/i complement receptor (OKM1/Mac-1), and the p150,95 molecule.. <i>Journal of Experimental Medicine</i> , 1983, 158, 1785-1803. | 8.5 | 895 |
| 7 | Peritoneal Dialysis and Epithelial-to-Mesenchymal Transition of Mesothelial Cells. <i>New England Journal of Medicine</i> , 2003, 348, 403-413. | 27.0 | 694 |
| 8 | Three distinct antigens associated with human T-lymphocyte-mediated cytotoxicity: 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. | 7.1 | 687 |
| 9 | Sorting it out: Regulation of exosome loading. <i>Seminars in Cancer Biology</i> , 2014, 28, 3-13. | 9.6 | 592 |
| 10 | Intercellular communication: diverse structures for exchange of genetic information. <i>Nature Reviews Molecular Cell Biology</i> , 2012, 13, 328-335. | 37.0 | 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. | 5.2 | 540 |
| 12 | Leukocyte polarization in cell migration and immune interactions. <i>EMBO Journal</i> , 1999, 18, 501-511. | 7.8 | 535 |
| 13 | CD69: from activation marker to metabolic gatekeeper. <i>European Journal of Immunology</i> , 2017, 47, 946-953. | 2.9 | 534 |
| 14 | Tetraspanin-enriched microdomains: a functional unit in cell plasma membranes. <i>Trends in Cell Biology</i> , 2009, 19, 434-446. | 7.9 | 517 |
| 15 | HDAC6: a key regulator of cytoskeleton, cell migration and cell-cell interactions. <i>Trends in Cell Biology</i> , 2008, 18, 291-297. | 7.9 | 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. | 0.8 | 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. | 28.9 | 411 |
| 18 | CD69 is an immunoregulatory molecule induced following activation. <i>Trends in Immunology</i> , 2005, 26, 136-140. | 6.8 | 386 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 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. | 3.4 | 377 |
| 20 | ISGylation controls exosome secretion by promoting lysosomal degradation of MVB proteins. <i>Nature Communications</i> , 2016, 7, 13588. | 12.8 | 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. | 0.8 | 323 |
| 22 | Role of the cytoskeleton during leukocyte responses. <i>Nature Reviews Immunology</i> , 2004, 4, 110-122. | 22.7 | 318 |
| 23 | Mitochondria Know No Boundaries: Mechanisms and Functions of Intercellular Mitochondrial Transfer. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 107. | 3.7 | 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 $\beta 2$ Chain. <i>Journal of Biological Chemistry</i> , 1996, 271, 11067-11075. | 3.4 | 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. | 8.5 | 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. | 8.5 | 272 |
| 27 | Transfer of extracellular vesicles during immune cell-cell interactions. <i>Immunological Reviews</i> , 2013, 251, 125-142. | 6.0 | 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. | 8.5 | 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. | 5.2 | 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. | 8.5 | 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. | 5.2 | 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. | 12.8 | 242 |
| 33 | LFA-1 and L α 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. | 6.0 | 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. | 3.4 | 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. | 3.4 | 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. | 5.2 | 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. | 2.9 | 211 |
| 38 | Endothelial adhesion receptors are recruited to adherent leukocytes by inclusion in preformed tetraspanin nanoplateforms. <i>Journal of Cell Biology</i> , 2008, 183, 527-542. | 5.2 | 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. | 3.6 | 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. | 2.9 | 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. | 2.9 | 208 |
| 42 | ECM regulates MT1-MMP localization with $\alpha 1$ 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. | 5.2 | 206 |
| 43 | Regulation of the VLA integrin-ligand interactions through the beta 1 subunit.. <i>Journal of Cell Biology</i> , 1992, 117, 659-670. | 5.2 | 203 |
| 44 | Polarization of Chemokine Receptors to the Leading Edge during Lymphocyte Chemotaxis. <i>Journal of Experimental Medicine</i> , 1997, 186, 153-158. | 8.5 | 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. | 14.3 | 200 |
| 46 | Endothelial tetraspanin microdomains regulate leukocyte firm adhesion during extravasation. <i>Blood</i> , 2005, 105, 2852-2861. | 1.4 | 199 |
| 47 | Angiogenesis in chronic inflammatory liver disease. <i>Hepatology</i> , 2004, 39, 1185-1195. | 7.3 | 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. | 8.2 | 193 |
| 49 | HDAC6 Deacetylase Activity Links the Tubulin Cytoskeleton with Immune Synapse Organization. <i>Immunity</i> , 2004, 20, 417-428. | 14.3 | 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. | 3.4 | 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. | 3.4 | 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. | 5.2 | 175 |
| 53 | Regulatory T Cells in Human Autoimmune Thyroid Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3639-3646. | 3.6 | 175 |
| 54 | HIF2 α Acts as an mTORC1 Activator through the Amino Acid Carrier SLC7A5. <i>Molecular Cell</i> , 2012, 48, 681-691. | 9.7 | 170 |

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| 55 | Cell adhesion molecules: selectins and integrins. Critical Reviews in Immunology, 1999, 19, 389-429. | 0.5 | 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. | 2.9 | 166 |
| 57 | MTOC translocation modulates IS formation and controls sustained T cell signaling. Journal of Cell Biology, 2008, 182, 951-962. | 5.2 | 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. | 2.1 | 163 |
| 59 | Enhanced Antitumor Immunity in Mice Deficient in CD69. Journal of Experimental Medicine, 2003, 197, 1093-1106. | 8.5 | 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. | 5.2 | 157 |
| 61 | Tau “an inhibitor of deacetylase HDAC6 function. Journal of Neurochemistry, 2009, 109, 1756-1766. | 3.9 | 153 |
| 62 | CD69 downregulates autoimmune reactivity through active transforming growth factor- β production in collagen-induced arthritis. Journal of Clinical Investigation, 2003, 112, 872-882. | 8.2 | 150 |
| 63 | Tetraspanins CD9 and CD81 Modulate HIV-1-Induced Membrane Fusion. Journal of Immunology, 2006, 177, 5129-5137. | 0.8 | 149 |
| 64 | Thyocytes 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. | 3.6 | 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. | 3.7 | 147 |
| 66 | Bringing up the rear: defining the roles of the uropod. Nature Reviews Molecular Cell Biology, 2009, 10, 353-359. | 37.0 | 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. | 7.8 | 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. | 8.2 | 146 |
| 69 | Role of ICAM-3 in the initial interaction of T lymphocytes and APCs. Nature Immunology, 2002, 3, 159-168. | 14.5 | 142 |
| 70 | Cytoskeletal rearrangement during migration and activation of T lymphocytes. Trends in Cell Biology, 1999, 9, 228-233. | 7.9 | 140 |
| 71 | Is CD69 an effective brake to control inflammatory diseases?. Trends in Molecular Medicine, 2013, 19, 625-632. | 6.7 | 140 |
| 72 | Comparative analysis of EV isolation procedures for miRNAs detection in serum samples. Journal of Extracellular Vesicles, 2016, 5, 31655. | 12.2 | 131 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 73 | Relevance of CD6-Mediated Interactions in T Cell Activation and Proliferation. Journal of Immunology, 2004, 173, 2262-2270. | 0.8 | 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. | 0.8 | 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. | 7.1 | 128 |
| 76 | ISGylation “a key to lock the cell gates for preventing the spread of threats. Journal of Cell Science, 2017, 130, 2961-2969. | 2.0 | 124 |
| 77 | Vascular adhesion molecule expression in viral chronic hepatitis: Evidence of neoangiogenesis in portal tracts. Gastroenterology, 1995, 108, 231-241. | 1.3 | 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. | 5.2 | 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. | 2.1 | 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. | 0.8 | 117 |
| 82 | Similarities and Differences in RANTES- and (AOP)-RANTES“triggered Signals: Implications for Chemotaxis. Journal of Cell Biology, 1999, 144, 755-765. | 5.2 | 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. | 2.0 | 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. | 2.0 | 114 |
| 85 | Immunomodulatory role of microRNAs transferred by extracellular vesicles. Biology of the Cell, 2015, 107, 61-77. | 2.0 | 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. | 3.4 | 113 |
| 87 | A Novel Circulating Noncoding Small RNA for the Detection of Acute Myocarditis. New England Journal of Medicine, 2021, 384, 2014-2027. | 27.0 | 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. | 2.9 | 111 |
| 89 | CD69 Association with Jak3/Stat5 Proteins Regulates Th17 Cell Differentiation. Molecular and Cellular Biology, 2010, 30, 4877-4889. | 2.3 | 110 |
| 90 | Adhesion of Monocytes to Vascular Cell Adhesion Molecule-1“Transduced Human Endothelial Cells. Circulation Research, 1998, 82, 871-878. | 4.5 | 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. | 1.4 | 105 |
| 92 | MT1-MMP collagenolytic activity is regulated through association with tetraspanin CD151 in primary endothelial cells. Blood, 2008, 112, 3217-3226. | 1.4 | 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. | 0.8 | 104 |
| 94 | Regulatory role of tetraspanin CD9 in tumorâ€‘endothelial cell interaction during transendothelial invasion of melanoma cells. Blood, 2001, 98, 3717-3726. | 1.4 | 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. | 0.8 | 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. | 5.6 | 103 |
| 97 | Involvement of the CD4 molecule in a post-activation event on T cell proliferation. European Journal of Immunology, 1987, 17, 179-186. | 2.9 | 102 |
| 98 | The chemokine SDF-1 α triggers a chemotactic response and induces cell polarization in human B lymphocytes. European Journal of Immunology, 1998, 28, 2197-2207. | 2.9 | 102 |
| 99 | ROS-Triggered Phosphorylation of Complex II by Fgr Kinase Regulates Cellular Adaptation to Fuel Use. Cell Metabolism, 2014, 19, 1020-1033. | 16.2 | 101 |
| 100 | Miro-1 Links Mitochondria and Microtubule Dynein Motors To Control Lymphocyte Migration and Polarity. Molecular and Cellular Biology, 2014, 34, 1412-1426. | 2.3 | 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. | 0.7 | 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. | 6.0 | 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. | 3.6 | 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. | 14.5 | 98 |
| 105 | Post-translational add-ons mark the path in exosomal protein sorting. Cellular and Molecular Life Sciences, 2018, 75, 1-19. | 5.4 | 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. | 3.4 | 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. | 1.4 | 95 |
| 108 | Paxillin Localizes to the Lymphocyte Microtubule Organizing Center and Associates with the Microtubule Cytoskeleton. Journal of Biological Chemistry, 2000, 275, 26436-26440. | 3.4 | 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. | 0.8 | 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. | 5.1 | 95 |
| 111 | Intracellular location of T200 and Mo1 glycoproteins in human neutrophils.. <i>Journal of Biological Chemistry</i> , 1988, 263, 9946-9951. | 3.4 | 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. | 0.8 | 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. | 0.6 | 94 |
| 114 | Embryonic implantation and leukocyte transendothelial migration: different processes with similar players?. <i>FASEB Journal</i> , 2005, 19, 1056-1060. | 0.5 | 94 |
| 115 | When should we order a next generation sequencing test in a patient with cancer?. <i>EClinicalMedicine</i> , 2020, 25, 100487. | 7.1 | 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. | 8.5 | 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. | 2.9 | 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. | 5.4 | 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. | 1.4 | 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. | 5.2 | 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. | 0.8 | 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. | 7.8 | 90 |
| 124 | Cell adhesion and polarity during immune interactions. <i>Immunological Reviews</i> , 2002, 186, 68-82. | 6.0 | 90 |
| 125 | Metabolic Pathways That Control Skin Homeostasis and Inflammation. <i>Trends in Molecular Medicine</i> , 2020, 26, 975-986. | 6.7 | 90 |
| 126 | Post-Translational Modifications of Exosomal Proteins. <i>Frontiers in Immunology</i> , 2014, 5, 383. | 4.8 | 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. | 2.9 | 88 |
| 128 | Immune synapse: conductor of orchestrated organelle movement. <i>Trends in Cell Biology</i> , 2014, 24, 61-72. | 7.9 | 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. | 3.8 | 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. | 8.2 | 86 |
| 131 | Macrophage Oxygen Sensing Modulates Antigen Presentation and Phagocytic Functions Involving IFN- γ Production through the HIF-1 α Transcription Factor. <i>Journal of Immunology</i> , 2009, 182, 3155-3164. | 0.8 | 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. | 1.3 | 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. | 2.9 | 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. | 0.8 | 83 |
| 136 | The hepatitis B virus HBx protein induces adherens junction disruption in a src-dependent manner. <i>Oncogene</i> , 2001, 20, 3323-3331. | 5.9 | 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. | 8.2 | 82 |
| 138 | Nuclear Envelope Lamin-A Couples Actin Dynamics with Immunological Synapse Architecture and T Cell Activation. <i>Science Signaling</i> , 2014, 7, ra37. | 3.6 | 81 |
| 139 | Endosomal clathrin drives actin accumulation at the immunological synapse. <i>Journal of Cell Science</i> , 2011, 124, 820-830. | 2.0 | 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. | 2.1 | 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. | 2.3 | 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. | 0.9 | 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. | 5.2 | 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. | 7.3 | 78 |

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