

Juan Manuel Serrador

List of Publications by Year in descending order

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34
papers

3,717
citations

218592

26
h-index

395590

33
g-index

34
all docs

34
docs citations

34
times ranked

5055
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	HDAC6 Deacetylase Activity Links the Tubulin Cytoskeleton with Immune Synapse Organization. <i>Immunity</i> , 2004, 20, 417-428.	6.6	184
7	CD43 Interacts With Moesin and Ezrin and Regulates Its Redistribution to the Uropods of T Lymphocytes at the Cell-Cell Contacts. <i>Blood</i> , 1998, 91, 4632-4644.	0.6	169
8	Bringing up the rear: defining the roles of the uropod. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 353-359.	16.1	147
9	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
10	Cytoskeletal rearrangement during migration and activation of T lymphocytes. <i>Trends in Cell Biology</i> , 1999, 9, 228-233.	3.6	140
11	Nitric Oxide Signaling in T Cell-Mediated Immunity. <i>Trends in Molecular Medicine</i> , 2018, 24, 412-427.	3.5	128
12	Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. <i>Molecular Biology of the Cell</i> , 2005, 16, 5445-5454.	0.9	117
13	Polarization and interaction of adhesion molecules P-selectin glycoprotein ligand 1 and intercellular adhesion molecule 3 with moesin and ezrin in myeloid cells. <i>Blood</i> , 2000, 95, 2413-2419.	0.6	106
14	Complex I Dysfunction and Tolerance to Nitroglycerin. <i>Circulation Research</i> , 2006, 99, 1067-1075.	2.0	106
15	Specificity in S-Nitrosylation: A Short-Range Mechanism for NO Signaling?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1220-1235.	2.5	105
16	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
17	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
18	Endothelial Nitric Oxide Synthase Regulates T Cell Receptor Signaling at the Immunological Synapse. <i>Immunity</i> , 2006, 24, 753-765.	6.6	74

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19	The Two Poles of the Lymphocyte: Specialized Cell Compartments for Migration and Recruitment. <i>Cell Adhesion and Communication</i> , 1998, 6, 125-133.	1.7	72
20	Endothelial nitric oxide synthase regulates N-Ras activation on the Golgi complex of antigen-stimulated T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 10507-10512.	3.3	71
21	A juxta-membrane amino acid sequence of P-selectin glycoprotein ligand-1 is involved in moesin binding and ezrin/radixin/moesin-directed targeting at the trailing edge of migrating lymphocytes. <i>European Journal of Immunology</i> , 2002, 32, 1560.	1.6	66
22	A Novel Serine-rich Motif in the Intercellular Adhesion Molecule 3 Is Critical for Its Ezrin/Radixin/Moesin-directed Subcellular Targeting. <i>Journal of Biological Chemistry</i> , 2002, 277, 10400-10409.	1.6	64
23	Regulation of microtubule-organizing center orientation and actomyosin cytoskeleton rearrangement during immune interactions. <i>Immunological Reviews</i> , 2002, 189, 84-97.	2.8	64
24	Nitrosothiols in the Immune System: Signaling and Protection. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 288-308.	2.5	46
25	ERM Proteins at the Crossroad of Leukocyte Polarization, Migration and Intercellular Adhesion. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1502.	1.8	46
26	A Region of the Integrin VLA α 4 Subunit Involved in Homotypic Cell Aggregation and in Fibronectin but Not Vascular Cell Adhesion Molecule-1 Binding. <i>Journal of Biological Chemistry</i> , 1996, 271, 2696-2702.	1.6	28
27	eNOS S-nitrosylates β -actin on Cys374 and regulates PKC- δ at the immune synapse by impairing actin binding to profilin-1. <i>PLoS Biology</i> , 2017, 15, e2000653.	2.6	25
28	CD43 Interacts With Moesin and Ezrin and Regulates Its Redistribution to the Uropods of T Lymphocytes at the Cell-Cell Contacts. <i>Blood</i> , 1998, 91, 4632-4644.	0.6	15
29	Spontaneous Pulmonary Hypertension Associated With Systemic Sclerosis in P-selectin Glycoprotein Ligand 1-Deficient Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 477-487.	2.9	13
30	Mitochondrial redistribution: adding new players to the chemotaxis game. <i>Trends in Immunology</i> , 2007, 28, 193-196.	2.9	11
31	Smoothelin-like 2 Inhibits Coronin-1B to Stabilize the Apical Actin Cortex during Epithelial Morphogenesis. <i>Current Biology</i> , 2021, 31, 696-706.e9.	1.8	7
32	Polarization and interaction of adhesion molecules P-selectin glycoprotein ligand 1 and intercellular adhesion molecule 3 with moesin and ezrin in myeloid cells. <i>Blood</i> , 2000, 95, 2413-2419.	0.6	6
33	Nitric Oxide and Electrophilic Cyclopentenone Prostaglandins in Redox signaling, Regulation of Cytoskeleton Dynamics and Intercellular Communication. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 673973.	1.8	3
34	Coordination of Leukocyte Polarity and Migration. <i>Translational Research in Biomedicine</i> , 2009, , 40-53.	0.4	0