

# Juan Manuel Serrador

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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         |
| 2  | 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         |
| 3  | Spontaneous Pulmonary Hypertension Associated With Systemic Sclerosis in P-selectin Glycoprotein Ligand Deficient Mice. <i>Arthritis and Rheumatology</i> , 2020, 72, 477-487.  | 2.9  | 13        |
| 4  | 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        |
| 5  | Nitric Oxide Signaling in T Cell-Mediated Immunity. <i>Trends in Molecular Medicine</i> , 2018, 24, 412-427.  | 3.5  | 128       |
| 6  | eNOS S-nitrosylates $\beta$ -actin on Cys374 and regulates PKC- $\delta$ at the immune synapse by impairing actin binding to profilin-1. <i>PLoS Biology</i> , 2017, 15, e2000653.  | 2.6  | 25        |
| 7  | Specificity in S-Nitrosylation: A Short-Range Mechanism for NO Signaling?. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1220-1235.   | 2.5  | 105       |
| 8  | Nitrosothiols in the Immune System: Signaling and Protection. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 288-308.  | 2.5  | 46        |
| 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 | Bringing up the rear: defining the roles of the uropod. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 353-359.   | 16.1 | 147       |
| 11 | Coordination of Leukocyte Polarity and Migration. <i>Translational Research in Biomedicine</i> , 2009, , 40-53.   | 0.4  | 0         |
| 12 | 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       |
| 13 | 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        |
| 14 | Mitochondrial redistribution: adding new players to the chemotaxis game. <i>Trends in Immunology</i> , 2007, 28, 193-196.   | 2.9  | 11        |
| 15 | Endothelial Nitric Oxide Synthase Regulates T Cell Receptor Signaling at the Immunological Synapse. <i>Immunity</i> , 2006, 24, 753-765.  | 6.6  | 74        |
| 16 | Complex I Dysfunction and Tolerance to Nitroglycerin. <i>Circulation Research</i> , 2006, 99, 1067-1075.  | 2.0  | 106       |
| 17 | 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        |
| 18 | Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. <i>Molecular Biology of the Cell</i> , 2005, 16, 5445-5454.  | 0.9  | 117       |

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|----|---|-----|-----------|
| 19 | HDAC6 Deacetylase Activity Links the Tubulin Cytoskeleton with Immune Synapse Organization. <i>Immunity</i> , 2004, 20, 417-428.  | 6.6 | 184       |
| 20 | 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        |
| 21 | 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       |
| 22 | 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       |
| 23 | 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        |
| 24 | Regulation of microtubule-organizing center orientation and actomyosin cytoskeleton rearrangement during immune interactions. <i>Immunological Reviews</i> , 2002, 189, 84-97.  | 2.8 | 64        |
| 25 | 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        |
| 26 | 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       |
| 27 | 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         |
| 28 | Cytoskeletal rearrangement during migration and activation of T lymphocytes. <i>Trends in Cell Biology</i> , 1999, 9, 228-233.  | 3.6 | 140       |
| 29 | 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       |
| 30 | 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        |
| 31 | 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       |
| 32 | 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        |
| 33 | 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       |
| 34 | A Region of the Integrin VLAÎ±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        |