

# Jose Luis Rodriguez-Fernandez

## List of Publications by Year in descending order

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64  
papers

4,265  
citations

109321

35  
h-index

123424

61  
g-index

69  
all docs

69  
docs citations

69  
times ranked

6221  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Actin Cytoskeleton at the Immunological Synapse of Dendritic Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679500.	3.7	10
2	The Chemokine Receptor CCR7 Uses Distinct Signaling Modules With Biased Functionality to Regulate Dendritic Cells. <i>Frontiers in Immunology</i> , 2020, 11, 528.	4.8	38
3	Editorial: Atypical Functions of Leukocyte Chemoattractant Receptors. <i>Frontiers in Immunology</i> , 2020, 11, 596902.	4.8	0
4	Immunological Synapse Formation Induces Mitochondrial Clustering and Mitophagy in Dendritic Cells. <i>Journal of Immunology</i> , 2019, 202, 1715-1723.	0.8	9
5	Liver X Receptor Nuclear Receptors Are Transcriptional Regulators of Dendritic Cell Chemotaxis. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	30
6	Remodeling our concept of chemokine receptor function: From monomers to oligomers. <i>Journal of Leukocyte Biology</i> , 2018, 104, 323-331.	3.3	25
7	Macrophage-specific MHCII expression is regulated by a remote <i>Ciita</i> enhancer controlled by NFAT5. <i>Journal of Experimental Medicine</i> , 2018, 215, 2901-2918.	8.5	47
8	Beyond Chemoattraction: Multifunctionality of Chemokine Receptors in Leukocytes. <i>Trends in Immunology</i> , 2017, 38, 927-941.	6.8	72
9	A Novel MEK-ERK-AMPK Signaling Axis Controls Chemokine Receptor CCR7-dependent Survival in Human Mature Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 827-840.	3.4	42
10	Plasma membrane-associated superstructure: Have we overlooked a new type of organelle in eukaryotic cells?. <i>Journal of Theoretical Biology</i> , 2015, 380, 346-358.	1.7	1
11	The Mammalian Sterile 20-like 1 Kinase Controls Selective CCR7-Dependent Functions in Human Dendritic Cells. <i>Journal of Immunology</i> , 2015, 195, 973-981.	0.8	16
12	CXCL12 Regulates through JAK1 and JAK2 Formation of Productive Immunological Synapses. <i>Journal of Immunology</i> , 2015, 194, 5509-5519.	0.8	26
13	Chemoattraction. , 2015, , 1-7.		0
14	Chemoattraction. , 2015, , 926-932.		0
15	CCL2 Shapes Macrophage Polarization by GM-CSF and M-CSF: Identification of CCL2/CCR2-Dependent Gene Expression Profile. <i>Journal of Immunology</i> , 2014, 192, 3858-3867.	0.8	364
16	Detecting apoptosis of leukocytes in mouse lymph nodes. <i>Nature Protocols</i> , 2014, 9, 1102-1112.	12.0	9
17	Clinicopathological Correlations of Podoplanin (gp38) Expression in Rheumatoid Synovium and Its Potential Contribution to Fibroblast Platelet Crosstalk. <i>PLoS ONE</i> , 2014, 9, e99607.	2.5	38
18	Aryl hydrocarbon receptor contributes to the MEK/ERK-dependent maintenance of the immature state of human dendritic cells. <i>Blood</i> , 2013, 121, e108-e117.	1.4	37

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19	Antigen Presentation by Dendritic Cells in Rheumatoid Arthritis. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 712-719.	2.1	18
20	CD3 $\beta$ -independent pathways in TCR-mediated signaling in mature T and iNKT lymphocytes. <i>Cellular Immunology</i> , 2011, 271, 62-66.	3.0	3
21	The neuronal protein Kidins220/ARMS associates with ICAM $\beta$ and other uropod components and regulates T $\beta$ cell motility. <i>European Journal of Immunology</i> , 2011, 41, 1035-1046.	2.9	16
22	CD69 Modulates Sphingosine-1-Phosphate-Induced Migration of Skin Dendritic Cells. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1503-1512.	0.7	43
23	Technical Advance: Surface plasmon resonance-based analysis of CXCL12 binding using immobilized lentiviral particles. <i>Journal of Leukocyte Biology</i> , 2011, 90, 399-408.	3.3	23
24	Polysialic acid is required for neuropilin-2a/b-mediated control of CCL21-driven chemotaxis of mature dendritic cells and for their migration in vivo. <i>Glycobiology</i> , 2011, 21, 655-662.	2.5	48
25	Chemokine CXCL12 Uses CXCR4 and a Signaling Core Formed by Bifunctional Akt, Extracellular Signal-regulated Kinase (ERK)1/2, and Mammalian Target of Rapamycin Complex 1 (mTORC1) Proteins to Control Chemotaxis and Survival Simultaneously in Mature Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 37222-37236.	3.4	68
26	Estradiol impairs the Th17 immune response against <i>Candida albicans</i> . <i>Journal of Leukocyte Biology</i> , 2011, 91, 159-165.	3.3	41
27	What is an immunological synapse?. <i>Microbes and Infection</i> , 2010, 12, 438-445.	1.9	16
28	Polysialylated neuropilin-2 enhances human dendritic cell migration through the basic C-terminal region of CCL21. <i>Glycobiology</i> , 2010, 20, 1139-1146.	2.5	53
29	What Is the Function of the Dendritic Cell Side of the Immunological Synapse?. <i>Science Signaling</i> , 2010, 3, re2.	3.6	16
30	CCR7-Dependent Stimulation of Survival in Dendritic Cells Involves Inhibition of GSK3 $\beta$ . <i>Journal of Immunology</i> , 2009, 183, 6282-6295.	0.8	42
31	Immunological synapse formation inhibits, via NF- $\kappa$ B and FOXO1, the apoptosis of dendritic cells. <i>Nature Immunology</i> , 2009, 10, 753-760.	14.5	69
32	The dendritic cell side of the immunological synapse: exploring terra incognita. <i>Discovery Medicine</i> , 2009, 8, 108-12.	0.5	1
33	DC-SIGN ligation on dendritic cells results in ERK and PI3K activation and modulates cytokine production. <i>Blood</i> , 2006, 107, 3950-3958.	1.4	216
34	The Multiple Personalities of the Chemokine Receptor CCR7 in Dendritic Cells. <i>Journal of Immunology</i> , 2006, 176, 5153-5159.	0.8	243
35	The Chemokine Receptor CCR7 Activates in Dendritic Cells Two Signaling Modules That Independently Regulate Chemotaxis and Migratory Speed. <i>Journal of Immunology</i> , 2005, 174, 4070-4080.	0.8	212
36	Role of the C-type lectins DC-SIGN and L-SIGN in Leishmania interaction with host phagocytes. <i>Immunobiology</i> , 2005, 210, 185-193.	1.9	38

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37	Adhesion molecules in human dendritic cells. <i>Current Opinion in Investigational Drugs</i> , 2005, 6, 1103-11.	2.3	12
38	Signaling through the Leukocyte Integrin LFA-1 in T Cells Induces a Transient Activation of Rac-1 That Is Regulated by Vav and PI3K/Akt-1. <i>Journal of Biological Chemistry</i> , 2004, 279, 16194-16205.	3.4	58
39	The neuronal protein Kidins220 localizes in a raft compartment at the leading edge of motile immature dendritic cells. <i>European Journal of Immunology</i> , 2004, 34, 108-118.	2.9	23
40	Chemokine receptor CCR7 induces intracellular signaling that inhibits apoptosis of mature dendritic cells. <i>Blood</i> , 2004, 104, 619-625.	1.4	158
41	Migration of human blood dendritic cells across endothelial cell monolayers: adhesion molecules and chemokines involved in subset-specific transmigration. <i>Journal of Leukocyte Biology</i> , 2003, 73, 639-649.	3.3	107
42	DC-SIGN (CD209) Expression Is IL-4 Dependent and Is Negatively Regulated by IFN, TGF- $\beta$ 2, and Anti-Inflammatory Agents. <i>Journal of Immunology</i> , 2002, 168, 2634-2643.	0.8	273
43	Contribution of CD3gamma to TCR regulation and signaling in human mature T lymphocytes. <i>International Immunology</i> , 2002, 14, 1357-1367.	4.0	13
44	LFA-1 integrin and the microtubular cytoskeleton are involved in the Ca(2)(+)-mediated regulation of the activity of the tyrosine kinase PYK2 in T cells. <i>Journal of Leukocyte Biology</i> , 2002, 71, 520-30.	3.3	13
45	Chemokine stromal cell-derived factor-1 $\alpha$ modulates VLA-4 integrin-dependent adhesion to fibronectin and VCAM-1 on bone marrow hematopoietic progenitor cells. <i>Experimental Hematology</i> , 2001, 29, 345-355.	0.4	109
46	Rho and Rho-associated Kinase Modulate the Tyrosine Kinase PYK2 in T-cells through Regulation of the Activity of the Integrin LFA-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 40518-40527.	3.4	56
47	Paxillin Localizes to the Lymphocyte Microtubule Organizing Center and Associates with the Microtubule Cytoskeleton. <i>Journal of Biological Chemistry</i> , 2000, 275, 26436-26440.	3.4	95
48	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
49	Signaling Through CD43 Induces Natural Killer Cell Activation, Chemokine Release, and PYK-2 Activation. <i>Blood</i> , 1999, 94, 2767-2777.	1.4	25
50	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. <i>Molecular Biology of the Cell</i> , 1999, 10, 1891-1907.	2.1	74
51	Ockham's razor. <i>Endeavour</i> , 1999, 23, 121-125.	0.4	17
52	Why do so many stimuli induce tyrosine phosphorylation of FAK?. <i>BioEssays</i> , 1999, 21, 1069-1075.	2.5	43
53	Bombesin, Vasopressin, Lysophosphatidic Acid, and Sphingosylphosphorylcholine Induce Focal Adhesion Kinase Activation in Intact Swiss 3T3 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 19321-19328.	3.4	68
54	Is "Sudden Illumination" the Result of the Activation of a Creative Center at the Human Brain?. <i>Perspectives in Biology and Medicine</i> , 1996, 39, 287-307.	0.5	0

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55	Bombesin, Bradykinin, Vasopressin, and Phorbol Esters Rapidly and Transiently Activate Src Family Tyrosine Kinases in Swiss 3T3 Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 27895-27901.	3.4	111
56	Targeted disruption of vinculin genes in F9 and embryonic stem cells changes cell morphology, adhesion, and locomotion.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 9161-9165.	7.1	194
57	Changes in Adhesion Plaque Protein Levels Regulate Cell Motility And Tumorigenicity. <i>Advances in Experimental Medicine and Biology</i> , 1994, 358, 147-157.	1.6	14
58	Suppression of vinculin expression by antisense transfection confers changes in cell morphology, motility, and anchorage-dependent growth of 3T3 cells. <i>Journal of Cell Biology</i> , 1993, 122, 1285-1294.	5.2	190
59	Suppression of tumorigenicity in transformed cells after transfection with vinculin cDNA.. <i>Journal of Cell Biology</i> , 1992, 119, 427-438.	5.2	221
60	Cytoplasmic Control of Cell Adhesion. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1992, 57, 631-642.	1.1	57
61	Regulation of adherens junction protein expression in growth-activated 3T3 cells and in regenerating liver. <i>Experimental Cell Research</i> , 1992, 202, 477-486.	2.6	46
62	Overexpression of vinculin suppresses cell motility in BALB/c 3T3 cells. <i>Cytoskeleton</i> , 1992, 22, 127-134.	4.4	145
63	Regulation of fibronectin, integrin and cytoskeleton expression in differentiating adipocytes: inhibition by extracellular matrix and polylysine. <i>Differentiation</i> , 1989, 42, 65-74.	1.9	128
64	Fructose-2,6-bisphosphate and other metabolites and enzymes in the process of cold-induced lethargy and starvation in lizard liver. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1988, 89, 131-135.	0.2	2