

# Santiago Partida-Sanchez

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

4,352  
citations

159585

30  
h-index

149698

56  
g-index

60  
all docs

60  
docs citations

60  
times ranked

7894  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Markers to Delineate Murine M1 and M2 Macrophages. PLoS ONE, 2015, 10, e0145342.	2.5	788
2	Cyclic ADP-ribose production by CD38 regulates intracellular calcium release, extracellular calcium influx and chemotaxis in neutrophils and is required for bacterial clearance in vivo. Nature Medicine, 2001, 7, 1209-1216.	30.7	413
3	Migration of Dendritic Cell Subsets and their Precursors. Annual Review of Immunology, 2008, 26, 293-316.	21.8	412
4	Interleukin 12p40 is required for dendritic cell migration and T cell priming after Mycobacterium tuberculosis infection. Journal of Experimental Medicine, 2006, 203, 1805-1815.	8.5	276
5	TRPM2 Functions as a Lysosomal Ca <sup>2+</sup> -Release Channel in $\hat{1}^2$ Cells. Science Signaling, 2009, 2, ra23.	3.6	253
6	Regulation of Dendritic Cell Trafficking by the ADP-Ribosyl Cyclase CD38. Immunity, 2004, 20, 279-291.	14.3	194
7	Chemotaxis of Mouse Bone Marrow Neutrophils and Dendritic Cells Is Controlled by ADP-Ribose, the Major Product Generated by the CD38 Enzyme Reaction. Journal of Immunology, 2007, 179, 7827-7839.	0.8	140
8	Dendritic cell maturation and chemotaxis is regulated by TRPM2-mediated lysosomal Ca <sup>2+</sup> release. FASEB Journal, 2011, 25, 3529-3542.	0.5	123
9	Morphological plasticity promotes resistance to phagocyte killing of uropathogenic Escherichia coli. Microbes and Infection, 2011, 13, 426-437.	1.9	111
10	Chemotaxis and Calcium Responses of Phagocytes to Formyl Peptide Receptor Ligands Is Differentially Regulated by Cyclic ADP Ribose. Journal of Immunology, 2004, 172, 1896-1906.	0.8	99
11	TRPM2 channel-mediated regulation of autophagy maintains mitochondrial function and promotes gastric cancer cell survival via the JNK-signaling pathway. Journal of Biological Chemistry, 2018, 293, 3637-3650.	3.4	89
12	Lymphotoxin- $\hat{1}$ -Deficient Mice Make Delayed, But Effective, T and B Cell Responses to Influenza. Journal of Immunology, 2002, 169, 5236-5243.	0.8	86
13	Innate immunity is regulated by CD38, an ecto-enzyme with ADP-ribosyl cyclase activity. Microbes and Infection, 2003, 5, 49-58.	1.9	85
14	TRPM channels, calcium and redox sensors during innate immune responses. Seminars in Cell and Developmental Biology, 2006, 17, 654-666.	5.0	84
15	Ribonucleases 6 and 7 have antimicrobial function in the human and murine urinary tract. Kidney International, 2015, 87, 151-161.	5.2	75
16	Identification of an alternative G $\hat{1}$ -q-dependent chemokine receptor signal transduction pathway in dendritic cells and granulocytes. Journal of Experimental Medicine, 2007, 204, 2705-2718.	8.5	72
17	TRPM2 ion channels regulate macrophage polarization and gastric inflammation during Helicobacter pylori infection. Mucosal Immunology, 2017, 10, 493-507.	6.0	60
18	Inhibition of Notch1 Signaling Reduces Abdominal Aortic Aneurysm in Mice by Attenuating Macrophage-Mediated Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 3012-3023.	2.4	58

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19	CXCL10 induces the recruitment of monocyte-derived macrophages into kidney, which aggravate puromycin aminonucleoside nephrosis. <i>Clinical and Experimental Immunology</i> , 2015, 180, 305-315.	2.6	57
20	CD38: An Ecto-Enzyme at the Crossroads of Innate and Adaptive Immune Responses. <i>Advances in Experimental Medicine and Biology</i> , 2007, 590, 171-183.	1.6	57
21	Caspase-11 Mediates Neutrophil Chemotaxis and Extracellular Trap Formation During Acute Gouty Arthritis Through Alteration of Cofilin Phosphorylation. <i>Frontiers in Immunology</i> , 2019, 10, 2519.	4.8	50
22	Inflammation drives renal scarring in experimental pyelonephritis. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F43-F53.	2.7	42
23	Dysregulated Calcium Homeostasis in Cystic Fibrosis Neutrophils Leads to Deficient Antimicrobial Responses. <i>Journal of Immunology</i> , 2018, 201, 2016-2027.	0.8	42
24	CD38 induces apoptosis of a murine pro-B leukemic cell line by a tyrosine kinase-dependent but ADP-ribosyl cyclase- and NAD glycohydrolase-independent mechanism. <i>International Immunology</i> , 2006, 18, 1029-1042.	4.0	37
25	Human Cystic Fibrosis Macrophages Have Defective Calcium-Dependent Protein Kinase C Activation of the NADPH Oxidase, an Effect Augmented by <i>Burkholderia cenocepacia</i> . <i>Journal of Immunology</i> , 2017, 198, 1985-1994.	0.8	36
26	CD44-stimulated dendrite formation (spreading <sup>TM</sup> ) in activated B cells. <i>Immunology</i> , 1997, 90, 147-153.	4.4	35
27	IgG Antibody Subclasses, Tumor Necrosis Factor and IFN- $\gamma$ Levels in Patients with Type II Lepra Reaction on Thalidomide Treatment. <i>International Archives of Allergy and Immunology</i> , 1998, 116, 60-66.	2.1	35
28	Whole-blood transcriptomic responses to lumacaftor/ivacaftor therapy in cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 245-254.	0.7	35
29	Intrauterine Growth Restriction Is a Direct Consequence of Localized Maternal Uropathogenic <i>Escherichia coli</i> Cystitis. <i>PLoS ONE</i> , 2012, 7, e33897.	2.5	34
30	Expression and Function of CD22, a B-cell Restricted Molecule*. <i>Scandinavian Journal of Immunology</i> , 2002, 55, 343-351.	2.7	33
31	The ModA2 Phasevarion of nontypeable <i>Haemophilus influenzae</i> Regulates Resistance to Oxidative Stress and Killing by Human Neutrophils. <i>Scientific Reports</i> , 2017, 7, 3161.	3.3	31
32	Liver X Receptor Nuclear Receptors Are Transcriptional Regulators of Dendritic Cell Chemotaxis. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	30
33	Helminth-induced Ly6Chi monocyte-derived alternatively activated macrophages suppress experimental autoimmune encephalomyelitis. <i>Scientific Reports</i> , 2017, 7, 40814.	3.3	28
34	TGF $\beta$ 2 receptor 1 inhibition prevents stenosis of tissue-engineered vascular grafts by reducing host mononuclear phagocyte activation. <i>FASEB Journal</i> , 2016, 30, 2627-2636.	0.5	26
35	Intranasal Administration of dsRNA Analog Poly(I:C) Induces Interferon- $\gamma$ Receptor-Dependent Accumulation of Antigen Experienced T Cells in the Airways. <i>PLoS ONE</i> , 2012, 7, e51351.	2.5	25
36	Caspase-4/11 exacerbates disease severity in SARS-CoV-2 infection by promoting inflammation and immunothrombosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2202012119.	7.1	25

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37	The expression of Mirc1/Mir17â€™92 cluster in sputum samples correlates with pulmonary exacerbations in cystic fibrosis patients. <i>Journal of Cystic Fibrosis</i> , 2018, 17, 454-461.	0.7	24
38	Early natural history of neotissue formation in tissue-engineered vascular grafts in a murine model. <i>Regenerative Medicine</i> , 2019, 14, 389-408.	1.7	23
39	Pharmacological inhibition of Notch signaling regresses pre-established abdominal aortic aneurysm. <i>Scientific Reports</i> , 2019, 9, 13458.	3.3	22
40	CD38 is expressed as noncovalently associated homodimers on the surface of murine Bâ€™lymphocytes. <i>FEBS Journal</i> , 2004, 271, 1025-1034.	0.2	20
41	MIF Promotes Classical Activation and Conversion of Inflammatory Ly6ChighMonocytes into TipDCs during Murine Toxoplasmosis. <i>Mediators of Inflammation</i> , 2016, 2016, 1-18.	3.0	19
42	The TRPM2 Ion Channel Regulates Inflammatory Functions of Neutrophils During <i>Listeria monocytogenes</i> Infection. <i>Frontiers in Immunology</i> , 2020, 11, 97.	4.8	18
43	Cilostazol, Not Aspirin, Prevents Stenosis of Bioresorbable Vascular Grafts in a Venous Model. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2003-2010.	2.4	17
44	CD31 Acts as a Checkpoint Molecule and Is Modulated by FcÎ³R-Mediated Signaling in Monocytes. <i>Journal of Immunology</i> , 2019, 203, 3216-3224.	0.8	15
45	Differential Uptake and Processing of a <i>Haemophilus influenzae</i> P5-Derived Immunogen by Chinchilla Dendritic Cells. <i>Infection and Immunity</i> , 2008, 76, 967-977.	2.2	14
46	Angiotensin II receptor I blockade prevents stenosis of tissue engineered vascular grafts. <i>FASEB Journal</i> , 2018, 32, 6822-6832.	0.5	13
47	Editorial: TRP Channels in Inflammation and Immunity. <i>Frontiers in Immunology</i> , 2021, 12, 684172.	4.8	12
48	CD45R, CD44 and MHC class II are signaling molecules for the cytoskeleton-dependent induction of dendrites and motility in activated B cells. <i>European Journal of Immunology</i> , 2000, 30, 2723-2728.	2.9	11
49	A Bacterial Epigenetic Switch in Non-typeable <i>Haemophilus influenzae</i> Modifies Host Immune Response During Otitis Media. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 512743.	3.9	11
50	The extracellular innate-immune effector HMGB1 limits pathogenic bacterial biofilm proliferation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	11
51	<i>Taenia crassiceps</i> -Excreted/Secreted Products Induce a Defined MicroRNA Profile that Modulates Inflammatory Properties of Macrophages. <i>Journal of Immunology Research</i> , 2019, 2019, 1-24.	2.2	9
52	AR-13 reduces antibiotic-resistant bacterial burden in cystic fibrosis phagocytes and improves cystic fibrosis transmembrane conductance regulator function. <i>Journal of Cystic Fibrosis</i> , 2019, 18, 622-629.	0.7	9
53	Neutrophil-Macrophage Imbalance Drives the Development of Renal Scarring during Experimental Pyelonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 69-85.	6.1	9
54	CFTR Modulators Restore Acidification of Autophago-Lysosomes and Bacterial Clearance in Cystic Fibrosis Macrophages. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 819554.	3.9	8

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55	Antibody-Mediated Protection against Staphylococcus aureus Dermonecrosis: Synergy of Toxin Neutralization and Neutrophil Recruitment. Journal of Investigative Dermatology, 2021, 141, 810-820.e8.	0.7	4
56	Regulation of Immune Responses by CD38 and cADPR. , 2002, , 217-240.		3
57	Reply to 'Does neutrophil CD38 have a role in Ca <sup>++</sup> signaling triggered by $\beta$ 2 integrin?'. Nature Medicine, 2002, 8, 307-308.	30.7	1
58	383: Cystic fibrosis macrophage function after elexacaftor/tezacaftor/ivacaftor initiation. Journal of Cystic Fibrosis, 2021, 20, S181.	0.7	0
59	8Br-ADPR: a novel antagonist of TRPM2 channels. , 0, 2007, .		0