

# Jorge Domínguez-Andrés

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6745817/publications.pdf>

Version: 2024-02-01

47  
papers

4,169  
citations

279798

23  
h-index

214800

47  
g-index

56  
all docs

56  
docs citations

56  
times ranked

5106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defining trained immunity and its role in health and disease. <i>Nature Reviews Immunology</i> , 2020, 20, 375-388.	22.7	1,345
2	Trained Immunity: a Tool for Reducing Susceptibility to and the Severity of SARS-CoV-2 Infection. <i>Cell</i> , 2020, 181, 969-977.	28.9	358
3	Activate: Randomized Clinical Trial of BCG Vaccination against Infection in the Elderly. <i>Cell</i> , 2020, 183, 315-323.e9.	28.9	279
4	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
5	The Itaconate Pathway Is a Central Regulatory Node Linking Innate Immune Tolerance and Trained Immunity. <i>Cell Metabolism</i> , 2019, 29, 211-220.e5.	16.2	232
6	Trained Immunity: Reprogramming Innate Immunity in Health and Disease. <i>Annual Review of Immunology</i> , 2021, 39, 667-693.	21.8	146
7	The Intersection of Epigenetics and Metabolism in Trained Immunity. <i>Immunity</i> , 2021, 54, 32-43.	14.3	134
8	Long-term reprogramming of the innate immune system. <i>Journal of Leukocyte Biology</i> , 2019, 105, 329-338.	3.3	120
9	Induction of innate immune memory: the role of cellular metabolism. <i>Current Opinion in Immunology</i> , 2019, 56, 10-16.	5.5	109
10	Induction of trained immunity by influenza vaccination - impact on COVID-19. <i>PLoS Pathogens</i> , 2021, 17, e1009928.	4.7	93
11	The Set7 Lysine Methyltransferase Regulates Plasticity in Oxidative Phosphorylation Necessary for Trained Immunity Induced by $\beta$ -Glucan. <i>Cell Reports</i> , 2020, 31, 107548.	6.4	76
12	Rewiring monocyte glucose metabolism via C-type lectin signaling protects against disseminated candidiasis. <i>PLoS Pathogens</i> , 2017, 13, e1006632.	4.7	73
13	Inflammatory Ly6Chigh Monocytes Protect against Candidiasis through IL-15-Driven NK Cell/Neutrophil Activation. <i>Immunity</i> , 2017, 46, 1059-1072.e4.	14.3	72
14	Transmission of trained immunity and heterologous resistance to infections across generations. <i>Nature Immunology</i> , 2021, 22, 1382-1390.	14.5	72
15	New live attenuated tuberculosis vaccine MTBVAC induces trained immunity and confers protection against experimental lethal pneumonia. <i>PLoS Pathogens</i> , 2020, 16, e1008404.	4.7	58
16	Chronic stress and antidepressant induced changes in Hdac5 and Sirt2 affect synaptic plasticity. <i>European Neuropsychopharmacology</i> , 2015, 25, 2036-2048.	0.7	51
17	Advances in understanding molecular regulation of innate immune memory. <i>Current Opinion in Cell Biology</i> , 2020, 63, 68-75.	5.4	51
18	Overcoming immune dysfunction in the elderly: trained immunity as a novel approach. <i>International Immunology</i> , 2020, 32, 741-753.	4.0	46

#	ARTICLE	IF	CITATIONS
19	Impact of Historic Migrations and Evolutionary Processes on Human Immunity. <i>Trends in Immunology</i> , 2019, 40, 1105-1119.	6.8	42
20	In vitro induction of trained immunity in adherent human monocytes. <i>STAR Protocols</i> , 2021, 2, 100365.	1.2	42
21	Stronger induction of trained immunity by mucosal BCG or MTBVAC vaccination compared to standard intradermal vaccination. <i>Cell Reports Medicine</i> , 2021, 2, 100185.	6.5	41
22	The anti-inflammatory cytokine interleukin-37 is an inhibitor of trained immunity. <i>Cell Reports</i> , 2021, 35, 108955.	6.4	40
23	Single-cell RNA sequencing reveals induction of distinct trained-immunity programs in human monocytes. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	36
24	Trained immunity: implications for vaccination. <i>Current Opinion in Immunology</i> , 2022, 77, 102190.	5.5	31
25	Pulmonary BCG induces lung-resident macrophage activation and confers long-term protection against tuberculosis. <i>Science Immunology</i> , 2021, 6, eabc2934.	11.9	27
26	Bromodomain inhibitor BET151 suppresses immune responses during fungal-immune interaction. <i>European Journal of Immunology</i> , 2019, 49, 2044-2050.	2.9	23
27	Myeloid cell deficiency of p38 $\beta$ /p38 $\gamma$ protects against candidiasis and regulates antifungal immunity. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	20
28	Glutathione Metabolism Contributes to the Induction of Trained Immunity. <i>Cells</i> , 2021, 10, 971.	4.1	20
29	The Activin A-Peroxisome Proliferator-Activated Receptor Gamma Axis Contributes to the Transcriptome of GM-CSF-Conditioned Human Macrophages. <i>Frontiers in Immunology</i> , 2018, 9, 31.	4.8	18
30	Designing the Next Generation of Vaccines: Relevance for Future Pandemics. <i>MBio</i> , 2020, 11, .	4.1	17
31	Natural resistance against infections: focus on COVID-19. <i>Trends in Immunology</i> , 2022, 43, 106-116.	6.8	17
32	Immune Memory in Aging: a Wide Perspective Covering Microbiota, Brain, Metabolism, and Epigenetics. <i>Clinical Reviews in Allergy and Immunology</i> , 2022, 63, 499-529.	6.5	17
33	IgG Promote Cross-Tolerance against Inflammatory Stimuli In Vitro and In Vivo. <i>Journal of Immunology</i> , 2018, 201, 41-52.	0.8	16
34	The specifics of innate immune memory. <i>Science</i> , 2020, 368, 1052-1053.	12.6	15
35	Evolution of cytokine production capacity in ancient and modern European populations. <i>ELife</i> , 2021, 10, .	6.0	15
36	Oncogene-induced maladaptive activation of trained immunity in the pathogenesis and treatment of Erdheim-Chester disease. <i>Blood</i> , 2021, 138, 1554-1569.	1.4	10

#	ARTICLE	IF	CITATIONS
37	Trained Immunity as a Preventive Measure for Surgical Site Infections. <i>Clinical Microbiology Reviews</i> , 2021, 34, e0004921.	13.6	10
38	Multi-Omics Integration Reveals Only Minor Long-Term Molecular and Functional Sequelae in Immune Cells of Individuals Recovered From COVID-19. <i>Frontiers in Immunology</i> , 2022, 13, 838132.	4.8	10
39	The Immunological Factors Predisposing to Severe Covid-19 Are Already Present in Healthy Elderly and Men. <i>Frontiers in Immunology</i> , 2021, 12, 720090.	4.8	9
40	Reply to: "Lack of evidence for intergenerational inheritance of immune resistance to infections". <i>Nature Immunology</i> , 2022, 23, 208-209.	14.5	9
41	Immune recognition of putative alien microbial structures: Host-pathogen interactions in the age of space travel. <i>PLoS Pathogens</i> , 2020, 16, e1008153.	4.7	7
42	Itaconate as an immune modulator. <i>Aging</i> , 2019, 11, 3898-3899.	3.1	6
43	Growth on Carbohydrates from Carbonaceous Meteorites Alters the Immunogenicity of Environment-Derived Bacterial Pathogens. <i>Astrobiology</i> , 2020, 20, 1353-1362.	3.0	3
44	Metabolic Adaptation Sets the Fate of Regulatory Macrophages. <i>Cell Metabolism</i> , 2019, 29, 1240-1242.	16.2	2
45	Limited role of the spleen in a mouse model of trained immunity: Impact on neutrophilia. <i>Journal of Leukocyte Biology</i> , 2021, , .	3.3	2
46	Evolutionary Trajectories of Complex Traits in European Populations of Modern Humans. <i>Frontiers in Genetics</i> , 2022, 13, 833190.	2.3	2
47	When platelets meet candidalysin: "We just Wnt to have fun". <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1927-1928.	5.7	0