

# Andrew J Martins

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,091  
citations

394421

19  
h-index

526287

27  
g-index

35  
all docs

35  
docs citations

35  
times ranked

4179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Innate and adaptive lymphocytes sequentially shape the gut microbiota and lipid metabolism. <i>Nature</i> , 2018, 554, 255-259.	27.8	261
2	Resident Macrophages Cloak Tissue Microlesions to Prevent Neutrophil-Driven Inflammatory Damage. <i>Cell</i> , 2019, 177, 541-555.e17.	28.9	261
3	Time-resolved systems immunology reveals a late juncture linked to fatal COVID-19. <i>Cell</i> , 2021, 184, 1836-1857.e22.	28.9	167
4	Broad immune activation underlies shared set point signatures for vaccine responsiveness in healthy individuals and disease activity in patients with lupus. <i>Nature Medicine</i> , 2020, 26, 618-629.	30.7	144
5	Immunopathological signatures in multisystem inflammatory syndrome in children and pediatric COVID-19. <i>Nature Medicine</i> , 2022, 28, 1050-1062.	30.7	144
6	G-CSF-mediated inhibition of JNK is a key mechanism for <i>Lactobacillus rhamnosus</i> -induced suppression of TNF production in macrophages. <i>Cellular Microbiology</i> , 2006, 8, 1958-1971.	2.1	124
7	Intravenous nanoparticle vaccination generates stem-like TCF1+ neoantigen-specific CD8+ T cells. <i>Nature Immunology</i> , 2021, 22, 41-52.	14.5	110
8	Cathepsin B Is Involved in the Trafficking of TNF- $\alpha$ -Containing Vesicles to the Plasma Membrane in Macrophages. <i>Journal of Immunology</i> , 2008, 181, 690-697.	0.8	104
9	Distinct NF- $\kappa$ B and MAPK Activation Thresholds Uncouple Steady-State Microbe Sensing from Anti-pathogen Inflammatory Responses. <i>Cell Systems</i> , 2016, 2, 378-390.	6.2	97
10	The multifaceted effects of granulocyte colony-stimulating factor in immunomodulation and potential roles in intestinal immune homeostasis. <i>IUBMB Life</i> , 2010, 62, 611-617.	3.4	94
11	Effect of <i>Lactobacillus rhamnosus</i> GR-1 supernatant and fetal sex on lipopolysaccharide-induced cytokine and prostaglandin-regulating enzymes in human placental trophoblast cells: implications for treatment of bacterial vaginosis and prevention of preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2009, 200, 532.e1-532.e8.	1.3	86
12	Overexpression of T-bet in HIV infection is associated with accumulation of B cells outside germinal centers and poor affinity maturation. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	65
13	Normalizing and denoising protein expression data from droplet-based single cell profiling. <i>Nature Communications</i> , 2022, 13, 2099.	12.8	63
14	Differential Expression of the Transcription Factor GATA3 Specifies Lineage and Functions of Innate Lymphoid Cells. <i>Immunity</i> , 2020, 52, 83-95.e4.	14.3	52
15	<i>Lactobacillus rhamnosus</i> GR-1 Stimulates Colony-Stimulating Factor 3 (Granulocyte) (CSF3) Output in Placental Trophoblast Cells in a Fetal Sex-Dependent Manner <sup>1</sup> . <i>Biology of Reproduction</i> , 2011, 84, 18-25.	2.7	40
16	Transcriptional Response of Respiratory Epithelium to Nontuberculous Mycobacteria. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 241-252.	2.9	37
17	Environment Tunes Propagation of Cell-to-Cell Variation in the Human Macrophage Gene Network. <i>Cell Systems</i> , 2017, 4, 379-392.e12.	6.2	34
18	<i>Lactobacillus rhamnosus</i> GR-1-Induced IL-10 Production in Human Placental Trophoblast Cells Involves Activation of JAK/STAT and MAPK Pathways. <i>Reproductive Sciences</i> , 2010, 17, 1043-1051.	2.5	33

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19	Cancer prognosis with shallow tumor RNA sequencing. <i>Nature Medicine</i> , 2020, 26, 188-192.	30.7	33
20	Protective role of G-CSF in dextran sulfate sodium-induced acute colitis through generating gut-homing macrophages. <i>Cytokine</i> , 2016, 78, 69-78.	3.2	21
21	Pre-existing chromatin accessibility and gene expression differences among naive CD4+ T cells influence effector potential. <i>Cell Reports</i> , 2021, 37, 110064.	6.4	20
22	Reduced expression of basal and probiotic-inducible G-CSF in intestinal mononuclear cells is associated with inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2009, 15, 515-525.	1.9	19
23	Recent progress using systems biology approaches to better understand molecular mechanisms of immunity. <i>Seminars in Immunology</i> , 2013, 25, 201-208.	5.6	18
24	IFN-mediated negative feedback supports bacteria class-specific macrophage inflammatory responses. <i>ELife</i> , 2019, 8, .	6.0	16
25	The anti-inflammatory role of granulocyte colony-stimulating factor in macrophage-dendritic cell crosstalk after <i>Lactobacillus rhamnosus</i> GR-1 exposure. <i>Journal of Leukocyte Biology</i> , 2011, 89, 907-915.	3.3	9
26	Robust Inference of Cell-to-Cell Expression Variations from Single- and K-Cell Profiling. <i>PLoS Computational Biology</i> , 2016, 12, e1005016.	3.2	8
27	Random yet deterministic: convergent immunoglobulin responses to influenza. <i>Trends in Microbiology</i> , 2014, 22, 488-489.	7.7	3