

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	Immunopathological signatures in multisystem inflammatory syndrome in children and pediatric COVID-19. <i>Nature Medicine</i> , 2022, 28, 1050-1062.	30.7	144
2	Normalizing and denoising protein expression data from droplet-based single cell profiling. <i>Nature Communications</i> , 2022, 13, 2099.	12.8	63
3	Intravenous nanoparticle vaccination generates stem-like TCF1+ neoantigen-specific CD8+ T cells. <i>Nature Immunology</i> , 2021, 22, 41-52.	14.5	110
4	Time-resolved systems immunology reveals a late juncture linked to fatal COVID-19. <i>Cell</i> , 2021, 184, 1836-1857.e22.	28.9	167
5	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
6	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
7	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
8	Cancer prognosis with shallow tumor RNA sequencing. <i>Nature Medicine</i> , 2020, 26, 188-192.	30.7	33
9	Resident Macrophages Cloak Tissue Microlesions to Prevent Neutrophil-Driven Inflammatory Damage. <i>Cell</i> , 2019, 177, 541-555.e17.	28.9	261
10	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
11	IFN-mediated negative feedback supports bacteria class-specific macrophage inflammatory responses. <i>ELife</i> , 2019, 8, .	6.0	16
12	Innate and adaptive lymphocytes sequentially shape the gut microbiota and lipid metabolism. <i>Nature</i> , 2018, 554, 255-259.	27.8	261
13	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
14	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
15	Distinct NF- κ 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
16	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
17	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
18	Random yet deterministic: convergent immunoglobulin responses to influenza. <i>Trends in Microbiology</i> , 2014, 22, 488-489.	7.7	3

#	ARTICLE	IF	CITATIONS
19	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
20	Lactobacillus rhamnosus GR-1 Stimulates Colony-Stimulating Factor 3 (Granulocyte) (CSF3) Output in Placental Trophoblast Cells in a Fetal Sex-Dependent Manner ¹ . <i>Biology of Reproduction</i> , 2011, 84, 18-25.	2.7	40
21	The anti-inflammatory role of granulocyte colony-stimulating factor in macrophage-dendritic cell crosstalk after Lactobacillus rhamnosus GR-1 exposure. <i>Journal of Leukocyte Biology</i> , 2011, 89, 907-915.	3.3	9
22	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
23	Lactobacillus rhamnosus 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
24	Effect of Lactobacillus rhamnosus 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
25	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
26	Cathepsin B Is Involved in the Trafficking of TNF- α -Containing Vesicles to the Plasma Membrane in Macrophages. <i>Journal of Immunology</i> , 2008, 181, 690-697.	0.8	104
27	G-CSF-mediated inhibition of JNK is a key mechanism for Lactobacillus rhamnosus-induced suppression of TNF production in macrophages. <i>Cellular Microbiology</i> , 2006, 8, 1958-1971.	2.1	124