Rafael J ArgÃ¼ello

List of Publications by Year
in descending order

20 papers	876 citations	687335 13 h-index	752679 20 g-index
28 all docs	28 docs citations	28 times ranked	1169 citing authors

#	Article	IF	Citations
1	SCENITH: A Flow Cytometry-Based Method to Functionally Profile Energy Metabolism with Single-Cell Resolution. Cell Metabolism, 2020, 32, 1063-1075.e7.	16.2	189
2	Distinct metabolic programs established in the thymus control effector functions of Î³Î´ T cell subsets in tumor microenvironments. Nature Immunology, 2021, 22, 179-192.	14.5	99
3	Discovering dominant tumor immune archetypes in a pan-cancer census. Cell, 2022, 185, 184-203.e19.	28.9	70
4	At the crossway of <scp>ER</scp>â€stress and proinflammatory responses. FEBS Journal, 2019, 286, 297-310.	4.7	67
5	Protein synthesis inhibition and GADD34 control IFNâ€Î² heterogeneous expression in response toÂdsRNA. EMBO Journal, 2017, 36, 761-782.	7.8	64
6	Inhibitory Receptors Are Expressed by Trypanosoma cruzi-Specific Effector T Cells and in Hearts of Subjects with Chronic Chagas Disease. PLoS ONE, 2012, 7, e35966.	2.5	58
7	BAD-LAMP controls TLR9 trafficking and signalling in human plasmacytoid dendritic cells. Nature Communications, 2017, 8, 913.	12.8	52
8	Mitochondrial inhibitors circumvent adaptive resistance to venetoclax and cytarabine combination therapy in acute myeloid leukemia. Nature Cancer, 2021, 2, 1204-1223.	13.2	42
9	SunRiSE: measuring translation elongation at single cell resolution by flow cytometry. Journal of Cell Science, 2018, 131, .	2.0	32
10	Presence of Antigen-Experienced T Cells with Low Grade of Differentiation and Proliferative Potential in Chronic Chagas Disease Myocarditis. PLoS Neglected Tropical Diseases, 2014, 8, e2989.	3.0	31
11	Holistic Characterization of Tumor Monocyte-to-Macrophage Differentiation Integrates Distinct Immune Phenotypes in Kidney Cancer. Cancer Immunology Research, 2022, 10, 403-419.	3.4	22
12	Regulation of protein synthesis and autophagy in activated dendritic cells: implications for antigen processing and presentation. Immunological Reviews, 2016, 272, 28-38.	6.0	20
13	ILC precursors differentiate into metabolically distinct ILC1-like cells during Mycobacterium tuberculosis infection. Cell Reports, 2022, 39, 110715.	6.4	19
14	An integrated toolbox to profile macrophage immunometabolism. Cell Reports Methods, 2022, 2, 100192.	2.9	18
15	Altered frequency and phenotype of CD4+ forkhead box protein 3+ T cells and its association with autoantibody production in human immunodeficiency virus-infected paediatric patients. Clinical and Experimental Immunology, 2012, 168, 224-233.	2.6	16
16	Polymerase III transcription is necessary for T cell priming by dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22721-22729.	7.1	15
17	Unravelling the sex-specific diversity and functions of adrenal gland macrophages. Cell Reports, 2022, 39, 110949.	6.4	13
18	Protein synthesis regulation, a pillar of strength for innate immunity?. Current Opinion in Immunology, 2015, 32, 28-35.	5.5	12

#	Article	IF	Citations
19	Detection of a Subset of Posttranscriptional Transfer RNA Modificationsin Vivowith a Restriction Fragment Length Polymorphism-Based Method. Biochemistry, 2017, 56, 4029-4038.	2.5	12
20	Proteostasis in dendritic cells is controlled by the PERK signaling axis independently of ATF4. Life Science Alliance, 2021, 4, e202000865.	2.8	9