

Botond Z Igyrt

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

3,433
citations

24
h-index

46
g-index

46
ext. papers

4,054
ext. citations

10.4
avg, IF

5.23
L-index

#	Paper	IF	Citations
40	Quantifying Memory CD8 T Cells Reveals Regionalization of Immunosurveillance. <i>Cell</i> , 2015 , 161, 737-49	56.2	428
39	Identification of a novel population of Langerin+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 3147-56	16.6	409
38	Early immune events in the induction of allergic contact dermatitis. <i>Nature Reviews Immunology</i> , 2012 , 12, 114-24	36.5	368
37	Opposing signals from the Bcl6 transcription factor and the interleukin-2 receptor generate T helper 1 central and effector memory cells. <i>Immunity</i> , 2011 , 35, 583-95	32.3	320
36	Skin-resident murine dendritic cell subsets promote distinct and opposing antigen-specific T helper cell responses. <i>Immunity</i> , 2011 , 35, 260-72	32.3	318
35	Langerhans cells are critical in epicutaneous sensitization with protein antigen via thymic stromal lymphopoietin receptor signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 1048-55.e6	11.5	190
34	Candida albicans morphology and dendritic cell subsets determine T helper cell differentiation. <i>Immunity</i> , 2015 , 42, 356-366	32.3	136
33	Stromal cells control the epithelial residence of DCs and memory T cells by regulated activation of TGF- β . <i>Nature Immunology</i> , 2016 , 17, 414-21	19.1	132
32	Protective T cell immunity in mice following protein-TLR7/8 agonist-conjugate immunization requires aggregation, type I IFN, and multiple DC subsets. <i>Journal of Clinical Investigation</i> , 2011 , 121, 1782-96	15.9	129
31	Intestinal lamina propria dendritic cells maintain T cell homeostasis but do not affect commensalism. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2011-24	16.6	121
30	Langerhans cells suppress contact hypersensitivity responses via cognate CD4 interaction and langerhans cell-derived IL-10. <i>Journal of Immunology</i> , 2009 , 183, 5085-93	5.3	107
29	Acute ablation of Langerhans cells enhances skin immune responses. <i>Journal of Immunology</i> , 2010 , 185, 4724-8	5.3	93
28	Autocrine/paracrine TGF- β inhibits Langerhans cell migration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 10492-7	11.5	75
27	Cancer-associated epithelial cell adhesion molecule (EpcAM; CD326) enables epidermal Langerhans cell motility and migration in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E889-97	11.5	70
26	Three different coping styles in police dogs exposed to a short-term challenge. <i>Hormones and Behavior</i> , 2007 , 52, 621-30	3.7	67
25	Antigen presentation by Langerhans cells. <i>Current Opinion in Immunology</i> , 2013 , 25, 115-9	7.8	62
24	Langerhans cells require MyD88-dependent signals for Candida albicans response but not for contact hypersensitivity or migration. <i>Journal of Immunology</i> , 2012 , 188, 4334-9	5.3	49

23	The mRNA-LNP platform's lipid nanoparticle component used in preclinical vaccine studies is highly inflammatory. <i>IScience</i> , 2021 , 24, 103479	6.1	44
22	Skin dendritic cells induce follicular helper T cells and protective humoral immune responses. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 1387-97.e1-7	11.5	43
21	Characterization of chicken epidermal dendritic cells. <i>Immunology</i> , 2006 , 119, 278-88	7.8	38
20	Origin of follicular dendritic cell in the chicken spleen. <i>Cell and Tissue Research</i> , 2007 , 327, 83-92	4.2	32
19	The evolving function of Langerhans cells in adaptive skin immunity. <i>Immunology and Cell Biology</i> , 2010 , 88, 361-5	5	28
18	Caveolin-1 is transported to multi-vesicular bodies after albumin-induced endocytosis of caveolae in HepG2 cells. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 1632-9	5.6	25
17	Identification of the avian B-cell-specific Bu-1 alloantigen by a novel monoclonal antibody. <i>Poultry Science</i> , 2008 , 87, 351-5	3.9	25
16	DC Subsets Regulate Humoral Immune Responses by Supporting the Differentiation of Distinct Tfh Cells. <i>Frontiers in Immunology</i> , 2019 , 10, 1134	8.4	23
15	Future considerations for the mRNA-lipid nanoparticle vaccine platform. <i>Current Opinion in Virology</i> , 2021 , 48, 65-72	7.5	23
14	Oesophageal tonsil of the chicken. <i>Acta Veterinaria Hungarica</i> , 2005 , 53, 173-88	1	15
13	Keratinocytes Share Gene Expression Fingerprint with Epidermal Langerhans Cells via mRNA Transfer. <i>Journal of Investigative Dermatology</i> , 2019 , 139, 2313-2323.e8	4.3	14
12	The mRNA-LNP platform's lipid nanoparticle component used in preclinical vaccine studies is highly inflammatory 2021 ,		11
11	In ovo vitelline duct ligation results in transient changes of bursal microenvironments. <i>Immunology</i> , 2005 , 116, 267-75	7.8	9
10	Impact of heterophil granulocyte depletion caused by 5-fluorouracil on infectious bursal disease virus infection in specific pathogen free chickens. <i>Avian Pathology</i> , 2006 , 35, 341-8	2.4	7
9	One-step artificial antigen presenting cell-based vaccines induce potent effector CD8 T cell responses. <i>Scientific Reports</i> , 2019 , 9, 18949	4.9	6
8	Brief communication: Long-term absence of Langerhans cells alters the gene expression profile of keratinocytes and dendritic epidermal T cells. <i>PLoS ONE</i> , 2020 , 15, e0223397	3.7	5
7	Anti-CD40 Antibodies Fused to CD40 Ligand Have Superagonist Properties. <i>Journal of Immunology</i> , 2021 , 207, 2060-2076	5.3	4
6	Novel monoclonal antibodies recognise guinea fowl thrombocytes. <i>Acta Veterinaria Hungarica</i> , 2009 , 57, 239-46	1	2

5	Langerhans cells and cDC1s play redundant roles in mRNA-LNP induced protective anti-influenza and anti-SARS-CoV-2 immune responses.. <i>PLoS Pathogens</i> , 2022 , 18, e1010255	7.6	2
4	Langerhans cells and cDC1s play redundant roles in mRNA-LNP induced protective anti-influenza and anti-SARS-CoV-2 responses 2021 ,		1
3	Anti-CD40 Antibody Fused to CD40 Ligand Is a Superagonist Platform for Adjuvant Intrinsic DC-Targeting Vaccines.. <i>Frontiers in Immunology</i> , 2021 , 12, 786144	8.4	0
2	Targeting human langerin promotes HIV-1 specific humoral immune responses. <i>PLoS Pathogens</i> , 2021 , 17, e1009749	7.6	0
1	Single-cell suspension preparation from murine organs following in vivo mRNA-LNP exposure. <i>STAR Protocols</i> , 2022 , 3, 101350	1.4	0