

Botond Z Igyrt

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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 | 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 |
| 39 | Single-cell suspension preparation from murine organs following in vivo mRNA-LNP exposure. <i>STAR Protocols</i> , 2022 , 3, 101350 | 1.4 | 0 |
| 38 | 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 |
| 37 | 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 |
| 36 | The mRNA-LNP platform's lipid nanoparticle component used in preclinical vaccine studies is highly inflammatory 2021 , | | 11 |
| 35 | Future considerations for the mRNA-lipid nanoparticle vaccine platform. <i>Current Opinion in Virology</i> , 2021 , 48, 65-72 | 7.5 | 23 |
| 34 | Targeting human langerin promotes HIV-1 specific humoral immune responses. <i>PLoS Pathogens</i> , 2021 , 17, e1009749 | 7.6 | 0 |
| 33 | Langerhans cells and cDC1s play redundant roles in mRNA-LNP induced protective anti-influenza and anti-SARS-CoV-2 responses 2021 , | | 1 |
| 32 | Anti-CD40 Antibodies Fused to CD40 Ligand Have Superagonist Properties. <i>Journal of Immunology</i> , 2021 , 207, 2060-2076 | 5.3 | 4 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | Quantifying Memory CD8 T Cells Reveals Regionalization of Immunosurveillance. <i>Cell</i> , 2015 , 161, 737-49 | 56.2 | 428 |
| 24 | <i>Candida albicans</i> morphology and dendritic cell subsets determine T helper cell differentiation. <i>Immunity</i> , 2015 , 42, 356-366 | 32.3 | 136 |

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| 23 | Antigen presentation by Langerhans cells. <i>Current Opinion in Immunology</i> , 2013 , 25, 115-9 | 7.8 | 62 |
| 22 | 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 |
| 21 | 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 |
| 20 | Early immune events in the induction of allergic contact dermatitis. <i>Nature Reviews Immunology</i> , 2012 , 12, 114-24 | 36.5 | 368 |
| 19 | Langerhans cells require MyD88-dependent signals for <i>Candida albicans</i> response but not for contact hypersensitivity or migration. <i>Journal of Immunology</i> , 2012 , 188, 4334-9 | 5.3 | 49 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | The evolving function of Langerhans cells in adaptive skin immunity. <i>Immunology and Cell Biology</i> , 2010 , 88, 361-5 | 5 | 28 |
| 12 | Acute ablation of Langerhans cells enhances skin immune responses. <i>Journal of Immunology</i> , 2010 , 185, 4724-8 | 5.3 | 93 |
| 11 | 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 |
| 10 | Novel monoclonal antibodies recognise guinea fowl thrombocytes. <i>Acta Veterinaria Hungarica</i> , 2009 , 57, 239-46 | 1 | 2 |
| 9 | 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 |
| 8 | 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 |
| 7 | Identification of a novel population of Langerin+ dendritic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 3147-56 | 16.6 | 409 |
| 6 | 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 |

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|---|---|-----|----|
| 5 | Origin of follicular dendritic cell in the chicken spleen. <i>Cell and Tissue Research</i> , 2007 , 327, 83-92 | 4.2 | 32 |
| 4 | 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 |
| 3 | Characterization of chicken epidermal dendritic cells. <i>Immunology</i> , 2006 , 119, 278-88 | 7.8 | 38 |
| 2 | In ovo vitelline duct ligation results in transient changes of bursal microenvironments. <i>Immunology</i> , 2005 , 116, 267-75 | 7.8 | 9 |
| 1 | Oesophageal tonsil of the chicken. <i>Acta Veterinaria Hungarica</i> , 2005 , 53, 173-88 | 1 | 15 |