

Zdenek Hel

List of Publications by Year in descending order

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39
papers

2,435
citations

236925

25
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

3139
citing authors

#	ARTICLE	IF	CITATIONS
1	Mucosal AIDS vaccine reduces disease and viral load in gut reservoir and blood after mucosal infection of macaques. <i>Nature Medicine</i> , 2001, 7, 1320-1326.	30.7	231
2	Immune Suppression by Neutrophils in HIV-1 Infection: Role of PD-L1/PD-1 Pathway. <i>PLoS Pathogens</i> , 2014, 10, e1003993.	4.7	217
3	Viremia control following antiretroviral treatment and therapeutic immunization during primary SIV251 infection of macaques. <i>Nature Medicine</i> , 2000, 6, 1140-1146.	30.7	174
4	Sex Steroid Hormones, Hormonal Contraception, and the Immunobiology of Human Immunodeficiency Virus-1 Infection. <i>Endocrine Reviews</i> , 2010, 31, 79-97.	20.1	151
5	Containment of Simian Immunodeficiency Virus Infection in Vaccinated Macaques: Correlation with the Magnitude of Virus-Specific Pre- and Postchallenge CD4+ and CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2002, 169, 4778-4787.	0.8	150
6	Hormonal Contraception and HIV-1 Infection: Medroxyprogesterone Acetate Suppresses Innate and Adaptive Immune Mechanisms. <i>Endocrinology</i> , 2013, 154, 1282-1295.	2.8	103
7	Hormonal Contraception and HIV-1 Acquisition: Biological Mechanisms. <i>Endocrine Reviews</i> , 2018, 39, 36-78.	20.1	97
8	Vaccination of Macaques with Long-Standing SIVmac251 Infection Lowers the Viral Set Point After Cessation of Antiretroviral Therapy. <i>Journal of Immunology</i> , 2002, 169, 5347-5357.	0.8	90
9	Potential of Simian Immunodeficiency Virus (SIV)-Specific CD4+ and CD8+ T Cell Responses by a DNA-SIV and NYVAC-SIV Prime/Boost Regimen. <i>Journal of Immunology</i> , 2001, 167, 7180-7191.	0.8	89
10	Fragile X-related Protein FXR1P Regulates Proinflammatory Cytokine Tumor Necrosis Factor Expression at the Post-transcriptional Level. <i>Journal of Biological Chemistry</i> , 2005, 280, 5750-5763.	3.4	87
11	The Neonatal Fc Receptor (FcRn) Enhances Human Immunodeficiency Virus Type 1 (HIV-1) Transcytosis across Epithelial Cells. <i>PLoS Pathogens</i> , 2013, 9, e1003776.	4.7	83
12	Polymorphism in the 3'-untranslated region of TNFalpha mRNA impairs binding of the post-transcriptional regulatory protein HuR to TNFalpha mRNA. <i>Nucleic Acids Research</i> , 2001, 29, 863-871.	14.5	74
13	Impairment of Gag-Specific CD8 + T-Cell Function in Mucosal and Systemic Compartments of Simian Immunodeficiency Virus mac251- and Simian-Human Immunodeficiency Virus KU2-Infected Macaques. <i>Journal of Virology</i> , 2001, 75, 11483-11495.	3.4	67
14	Systemic Immunization with an ALVAC-HIV-1/Protein Boost Vaccine Strategy Protects Rhesus Macaques from CD4 + T-Cell Loss and Reduces both Systemic and Mucosal Simian-Human Immunodeficiency Virus SHIV KU2 RNA Levels. <i>Journal of Virology</i> , 2006, 80, 3732-3742.	3.4	67
15	Improved Vaccine Protection from Simian AIDS by the Addition of Nonstructural Simian Immunodeficiency Virus Genes. <i>Journal of Immunology</i> , 2006, 176, 85-96.	0.8	61
16	Mucosal immunology of the genital and gastrointestinal tracts and HIV-1 infection. <i>Journal of Reproductive Immunology</i> , 2009, 83, 196-200.	1.9	60
17	HIV infection: first battle decides the war. <i>Trends in Immunology</i> , 2006, 27, 274-281.	6.8	58
18	Optimization of the Transductional Efficiency of Lentiviral Vectors: Effect of Sera and Polycations. <i>Molecular Biotechnology</i> , 2013, 53, 308-314.	2.4	57

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19	Effect of progestins on immunity: medroxyprogesterone but not norethisterone or levonorgestrel suppresses the function of T cells and pDCs. <i>Contraception</i> , 2014, 90, 123-129.	1.5	52
20	Cervicovaginal Lamina Propria Lymphocytes: Phenotypic Characterization and Their Importance in Cytotoxic T-Lymphocyte Responses to Simian Immunodeficiency Virus SIV mac251. <i>Journal of Virology</i> , 2002, 76, 9-18.	3.4	50
21	Altered Serum Cytokine Signature in Common Variable Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2014, 34, 971-978.	3.8	44
22	Equivalent Immunogenicity of the Highly Attenuated Poxvirus-Based ALVAC-SIV and NYVAC-SIV Vaccine Candidates in SIVmac251-Infected Macaques. <i>Virology</i> , 2002, 304, 125-134.	2.4	41
23	Effect of Hormonal Contraception on the Function of Plasmacytoid Dendritic Cells and Distribution of Immune Cell Populations in the Female Reproductive Tract. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2015, 68, 511-518.	2.1	40
24	A novel chimeric Rev, Tat, and Nef (Retanef) antigen as a component of an SIV/HIV vaccine. <i>Vaccine</i> , 2002, 20, 3171-3186.	3.8	39
25	Chronic immune activation in common variable immunodeficiency (CVID) is associated with elevated serum levels of soluble CD14 and CD25 but not endotoxaemia. <i>Clinical and Experimental Immunology</i> , 2012, 170, 321-332.	2.6	37
26	Neutrophil and Granulocytic Myeloid-Derived Suppressor Cell-Mediated T Cell Suppression Significantly Contributes to Immune Dysregulation in Common Variable Immunodeficiency Disorders. <i>Journal of Immunology</i> , 2019, 202, 93-104.	0.8	28
27	Delivery of DNA HIV-1 vaccine to the liver induces high and long-lasting humoral immune responses. <i>Vaccine</i> , 2008, 26, 1541-1551.	3.8	27
28	C-Reactive Protein Promotes the Expansion of Myeloid Derived Cells With Suppressor Functions. <i>Frontiers in Immunology</i> , 2019, 10, 2183.	4.8	27
29	Menstrual Blood as a Potential Source of Endometrial Derived CD3+ T Cells. <i>PLoS ONE</i> , 2011, 6, e28894.	2.5	26
30	Induction of protective cytotoxic T-cell responses by a B-cell-based cellular vaccine requires stable expression of antigen. <i>Gene Therapy</i> , 2009, 16, 1300-1313.	4.5	23
31	Immune intervention strategies for HIV-1 infection of humans in the SIV macaque model. <i>Vaccine</i> , 2002, 20, A52-A60.	3.8	21
32	Dysregulation of Systemic and Mucosal Humoral Responses to Microbial and Food Antigens as a Factor Contributing to Microbial Translocation and Chronic Inflammation in HIV-1 Infection. <i>PLoS Pathogens</i> , 2017, 13, e1006087.	4.7	19
33	Is a lower-dose, subcutaneous contraceptive injectable containing depot medroxyprogesterone acetate likely to impact women's risk of HIV?. <i>Contraception</i> , 2018, 97, 191-197.	1.5	18
34	Optimization of methods for the accurate characterization of whole blood neutrophils. <i>Scientific Reports</i> , 2022, 12, 3667.	3.3	10
35	Differences in time of virus appearance in the blood and virus-specific immune responses in intravenous and intrarectal primary SIVmac251 infection of rhesus macaques; a pilot study. <i>BMC Infectious Diseases</i> , 2001, 1, 9.	2.9	9
36	Common variable immunodeficiency patients display elevated plasma levels of granulocyte activation markers elastase and myeloperoxidase. <i>International Journal of Immunopathology and Pharmacology</i> , 2019, 33, 205873841984338.	2.1	4

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37	A model for testing the immunogenicity of simian immunodeficiency virus and simian-human immunodeficiency virus vaccine candidates in mice. Journal of Virological Methods, 2009, 158, 70-76.	2.1	1
38	Effect of depot medroxyprogesterone acetate on human β -defensin production and structural integrity of the human vaginal epithelium. Lancet, The, 2013, 382, S25.	13.7	1
39	Limited Transplantation of Antigen-Expressing Hematopoietic Stem Cells Induces Long-Lasting Cytotoxic T Cell Responses. PLoS ONE, 2011, 6, e16897.	2.5	1