Zdenek Hel

List of Publications by Year
in descending order

39 papers	2,435 citations	270111 25 h-index	340414 39 g-index
40 all docs	40 docs citations	40 times ranked	3408 citing authors

#	Article	IF	Citations
1	Optimization of methods for the accurate characterization of whole blood neutrophils. Scientific Reports, 2022, 12, 3667.	1.6	10
2	C-Reactive Protein Promotes the Expansion of Myeloid Derived Cells With Suppressor Functions. Frontiers in Immunology, 2019, 10, 2183.	2.2	27
3	Common variable immunodeficiency patients display elevated plasma levels of granulocyte activation markers elastase and myeloperoxidase. International Journal of Immunopathology and Pharmacology, 2019, 33, 205873841984338.	1.0	4
4	Neutrophil and Granulocytic Myeloid-Derived Suppressor Cellâ€“Mediated T Cell Suppression Significantly Contributes to Immune Dysregulation in Common Variable Immunodeficiency Disorders. Journal of Immunology, 2019, 202, 93-104.	0.4	28
5	Hormonal Contraception and HIV-1 Acquisition: Biological Mechanisms. Endocrine Reviews, 2018, 39, 36-78.	8.9	97
6	Is a lower-dose, subcutaneous contraceptive injectable containing depot medroxyprogesterone acetate likely to impact women's risk of HIV?. Contraception, 2018, 97, 191-197.	0.8	18
7	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. PLoS Pathogens, 2017, 13, e1006087.	2.1	19
8	Effect of Hormonal Contraception on the Function of Plasmacytoid Dendritic Cells and Distribution of Immune Cell Populations in the Female Reproductive Tract. Journal of Acquired Immune Deficiency Syndromes (1999), 2015, 68, 511-518.	0.9	40
9	Altered Serum Cytokine Signature in Common Variable Immunodeficiency. Journal of Clinical Immunology, 2014, 34, 971-978.	2.0	44
10	Immune Suppression by Neutrophils in HIV-1 Infection: Role of PD-L1/PD-1 Pathway. PLoS Pathogens, 2014, 10, e1003993.	2.1	217
11	Effect of progestins on immunity: medroxyprogesterone but not norethisterone or levonorgestrel suppresses the function of T cells and pDCs. Contraception, 2014, 90, 123-129.	0.8	52
12	Optimization of the Transductional Efficiency of Lentiviral Vectors: Effect of Sera and Polycations. Molecular Biotechnology, 2013, 53, 308-314.	1.3	57
13	Effect of depot medroxyprogesterone acetate on human Î²-defensin production and structural integrity of the human vaginal epithelium. Lancet, The, 2013, 382, S25.	6.3	1
14	Hormonal Contraception and HIV-1 Infection: Medroxyprogesterone Acetate Suppresses Innate and Adaptive Immune Mechanisms. Endocrinology, 2013, 154, 1282-1295.	1.4	103
15	The Neonatal Fc Receptor (FcRn) Enhances Human Immunodeficiency Virus Type 1 (HIV-1) Transcytosis across Epithelial Cells. PLoS Pathogens, 2013, 9, e1003776.	2.1	83
16	Chronic immune activation in common variable immunodeficiency (CVID) is associated with elevated serum levels of soluble CD14 and CD25 but not endotoxaemia. Clinical and Experimental Immunology, 2012, 170, 321-332.	1.1	37
17	Menstrual Blood as a Potential Source of Endometrial Derived CD3+ T Cells. PLoS ONE, 2011, 6, e28894.	1.1	26
18	Limited Transplantation of Antigen-Expressing Hematopoietic Stem Cells Induces Long-Lasting Cytotoxic T Cell Responses. PLoS ONE, 2011, 6, e16897.	1.1	1

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19	Sex Steroid Hormones, Hormonal Contraception, and the Immunobiology of Human Immunodeficiency Virus-1 Infection. Endocrine Reviews, 2010, 31, 79-97.	8.9	151
20	Mucosal immunology of the genital and gastrointestinal tracts and HIV-1 infection. Journal of Reproductive Immunology, 2009, 83, 196-200.	0.8	60
21	A model for testing the immunogenicity of simian immunodeficiency virus and simianâ€“human immunodeficiency virus vaccine candidates in mice. Journal of Virological Methods, 2009, 158, 70-76.	1.0	1
22	Induction of protective cytotoxic T-cell responses by a B-cell-based cellular vaccine requires stable expression of antigen. Gene Therapy, 2009, 16, 1300-1313.	2.3	23
23	Delivery of DNA HIV-1 vaccine to the liver induces high and long-lasting humoral immune responses. Vaccine, 2008, 26, 1541-1551.	1.7	27
24	HIV infection: first battle decides the war. Trends in Immunology, 2006, 27, 274-281.	2.9	58
25	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. Journal of Virology, 2006, 80, 3732-3742.	1.5	67
26	Improved Vaccine Protection from Simian AIDS by the Addition of Nonstructural Simian Immunodeficiency Virus Genes. Journal of Immunology, 2006, 176, 85-96.	0.4	61
27	Fragile X-related Protein FXR1P Regulates Proinflammatory Cytokine Tumor Necrosis Factor Expression at the Post-transcriptional Level. Journal of Biological Chemistry, 2005, 280, 5750-5763.	1.6	87
28	Vaccination of Macaques with Long-Standing SIVmac251 Infection Lowers the Viral Set Point After Cessation of Antiretroviral Therapy. Journal of Immunology, 2002, 169, 5347-5357.	0.4	90
29	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. Journal of Immunology, 2002, 169, 4778-4787.	0.4	150
30	Cervicovaginal Lamina Propria Lymphocytes: Phenotypic Characterization and Their Importance in Cytotoxic T-Lymphocyte Responses to Simian Immunodeficiency Virus SIV mac251. Journal of Virology, 2002, 76, 9-18.	1.5	50
31	A novel chimeric Rev, Tat, and Nef (Retanef) antigen as a component of an SIV/HIV vaccine. Vaccine, 2002, 20, 3171-3186.	1.7	39
32	Immune intervention strategies for HIV-1 infection of humans in the SIV macaque model. Vaccine, 2002, 20, A52-A60.	1.7	21
33	Equivalent Immunogenicity of the Highly Attenuated Poxvirus-Based ALVAC-SIV and NYVAC-SIV Vaccine Candidates in SIVmac251-Infected Macaques. Virology, 2002, 304, 125-134.	1.1	41
34	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. BMC Infectious Diseases, 2001, 1, 9.	1.3	9
35	Mucosal AIDS vaccine reduces disease and viral load in gut reservoir and blood after mucosal infection of macaques. Nature Medicine, 2001, 7, 1320-1326.	15.2	231
36	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. Journal of Virology, 2001, 75, 11483-11495.	1.5	67

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37	Polymorphism in the 3'-untranslated region of TNFalpha mRNA impairs binding of the post-transcriptional regulatory protein HuR to TNFalpha mRNA. Nucleic Acids Research, 2001, 29, 863-871.	6.5	74
38	Potentiation of Simian Immunodeficiency Virus (SIV)-Specific CD4+ and CD8+ T Cell Responses by a DNA-SIV and NYVAC-SIV Prime/Boost Regimen. Journal of Immunology, 2001, 167, 7180-7191.	0.4	89
39	Viremia control following antiretroviral treatment and therapeutic immunization during primary SIV251 infection of macaques. Nature Medicine, 2000, 6, 1140-1146.	15.2	174