Ilka Hoof

List of Publications by Year
in descending order

35 papers	6,687 citations	394286 19 h-index	395590 33 g-index
36 all docs	36 docs citations	36 times ranked	15091 citing authors

#	Article	IF	Citations
1	An atlas of active enhancers across human cell types and tissues. Nature, 2014, 507, 455-461.	13.7	2,269
2	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	13.7	1,838
3	NetMHCpan, a method for MHC class I binding prediction beyond humans. Immunogenetics, 2009, 61, 1-13.	1.2	725
4	The Immune Epitope Database 2.0. Nucleic Acids Research, 2010, 38, D854-D862.	6.5	538
5	Phylogenetic analysis of condensation domains in NRPS sheds light on their functional evolution. BMC Evolutionary Biology, 2007, 7, 78.	3.2	301
6	Polyadenylation siteâ€"induced decay of upstream transcripts enforces promoter directionality. Nature Structural and Molecular Biology, 2013, 20, 923-928.	3.6	258
7	Analysis of the DNA methylome and transcriptome in granulopoiesis reveals timed changes and dynamic enhancer methylation. Blood, 2014, 123, e79-e89.	0.6	72
8	MHC motif viewer. Immunogenetics, 2008, 60, 759-765.	1.2	60
9	Comprehensive Analysis of the Naturally Processed Peptide Repertoire: Differences between HLA-A and B in the Immunopeptidome. PLoS ONE, 2015, 10, e0136417.	1.1	55
10	State of the art and challenges in sequence based T-cell epitope prediction. Immunome Research, 2010, 6, S3.	0.1	52
11	Allergen-specific IgG+ memory B cells are temporally linked to IgE memory responses. Journal of Allergy and Clinical Immunology, 2020, 146, 180-191.	1.5	46
12	HLA class I allele promiscuity revisited. Immunogenetics, 2011, 63, 691-701.	1.2	44
13	Identification of CD8+ T Cell Epitopes in the West Nile Virus Polyprotein by Reverse-Immunology Using NetCTL. PLoS ONE, 2010, 5, e12697.	1.1	41
14	Proteome Sampling by the HLA Class I Antigen Processing Pathway. PLoS Computational Biology, 2012, 8, e1002517.	1.5	41
15	CD8+ TCR Repertoire Formation Is Guided Primarily by the Peptide Component of the Antigenic Complex. Journal of Immunology, 2013, 190, 931-939.	0.4	35
16	Interdisciplinary Analysis of HIV-Specific CD8+ T Cell Responses against Variant Epitopes Reveals Restricted TCR Promiscuity. Journal of Immunology, 2010, 184, 5383-5391.	0.4	34
17	The MHC Motif Viewer: A Visualization Tool for MHC Binding Motifs. Current Protocols in Immunology, 2010, 88, Unit 18.17.	3.6	32
18	Immunoproteomic analysis of house dust mite antigens reveals distinct classes of dominant T cell antigens according to function and serological reactivity. Clinical and Experimental Allergy, 2017, 47, 577-592.	1.4	26

#	Article	IF	Citations
19	The most common Chinese rhesus macaque MHC class I molecule shares peptide binding repertoire with the HLA-B7 supertype. Immunogenetics, 2010, 62, 451-464.	1.2	25
20	Measles Virus Epitope Presentation by HLA: Novel Insights into Epitope Selection, Dominance, and Microvariation. Frontiers in Immunology, 2015, 6, 546.	2.2	23
21	Evolution of HLA-DRB Genes. Molecular Biology and Evolution, 2012, 29, 3843-3853.	3.5	22
22	Peptide-binding motifs associated with MHC molecules common in Chinese rhesus macaques are analogous to those of human HLA supertypes and include HLA-B27-like alleles. Immunogenetics, 2013, 65, 371-386.	1.2	20
23	Purification and molecular characterization of phospholipase, antigen 5 and hyaluronidases from the venom of the Asian hornet (Vespa velutina). PLoS ONE, 2020, 15, e0225672.	1.1	19
24	Functional analysis of frequently expressed Chinese rhesus macaque MHC class I molecules Mamu-A1*02601 and Mamu-B*08301 reveals HLA-A2 and HLA-A3 supertypic specificities. Immunogenetics, 2011, 63, 275-290.	1.2	18
25	SigniSite: Identification of residue-level genotype-phenotype correlations in protein multiple sequence alignments. Nucleic Acids Research, 2013, 41, W286-W291.	6.5	18
26	Estimating the Fitness Cost of Escape from HLA Presentation in HIV-1 Protease and Reverse Transcriptase. PLoS Computational Biology, 2012, 8, e1002525.	1.5	13
27	HLA Preferences for Conserved Epitopes: A Potential Mechanism for Hepatitis C Clearance. Frontiers in Immunology, 2015, 6, 552.	2.2	13
28	Identification of TNF-Â-Responsive Promoters and Enhancers in the Intestinal Epithelial Cell Model Caco-2. DNA Research, 2014, 21, 569-583.	1.5	12
29	A Comparative Analysis of Viral Peptides Presented by Contemporary Human and Chimpanzee MHC Class I Molecules. Journal of Immunology, 2011, 187, 5995-6001.	0.4	11
30	A shared MHC supertype motif emerges by convergent evolution in macaques and mice, but is totally absent in human MHC molecules. Immunogenetics, 2012, 64, 421-434.	1.2	9
31	Diverse and highly crossâ€reactive Tâ€cell responses in ragweed allergic patients independent of geographical region. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 137-147.	2.7	8
32	Humans with chimpanzee-like major histocompatibility complex-specificities control HIV-1 infection. Aids, 2008, 22, 1299-1303.	1.0	7
33	Reply. Journal of Allergy and Clinical Immunology, 2020, 146, 457-458.	1.5	1
34	Profiling the Atopic Dermatitis Epidermal Transcriptome by Tape Stripping and BRB-seq. International Journal of Molecular Sciences, 2022, 23, 6140.	1.8	1
35	Computational cleaning of noisy 5' end tag sequencing data sets from rare in vivo cells. EMBnet Journal, 2013, 19, 94.	0.2	0