

Nel Otting

List of Publications by Year in descending order

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49
papers

2,117
citations

236925

25
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233421

45
g-index

51
all docs

51
docs citations

51
times ranked

1289
citing authors

#	ARTICLE	IF	CITATIONS
1	Unparalleled complexity of the MHC class I region in rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1626-1631.	7.1	204
2	Major histocompatibility complex class II polymorphisms in primates. Immunological Reviews, 1999, 167, 339-350.	6.0	169
3	Evidence for an ancient selective sweep in the MHC class I gene repertoire of chimpanzees. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11748-11753.	7.1	143
4	Evolution of Major Histocompatibility Complex Polymorphisms and T-Cell Receptor Diversity in Primates. Immunological Reviews, 1995, 143, 33-62.	6.0	133
5	MHC class I A region diversity and polymorphism in macaque species. Immunogenetics, 2007, 59, 367-375.	2.4	98
6	Microsatellite typing of the rhesus macaque MHC region. Immunogenetics, 2005, 57, 198-209.	2.4	92
7	Nomenclature report on the major histocompatibility complex genes and alleles of Great Ape, Old and New World monkey species. Immunogenetics, 2012, 64, 615-631.	2.4	82
8	Unprecedented Polymorphism of Mhc-DRB Region Configurations in Rhesus Macaques. Journal of Immunology, 2000, 164, 3193-3199.	0.8	77
9	Evolutionary stability of MHC class II haplotypes in diverse rhesus macaque populations. Immunogenetics, 2003, 55, 540-551.	2.4	70
10	Extensive Mhc-DQB variation in humans and non-human primate species. Immunogenetics, 2002, 54, 230-239.	2.4	69
11	Extensive sharing of MHC class II alleles between rhesus and cynomolgus macaques. Immunogenetics, 2006, 58, 259-268.	2.4	64
12	Mamu-I: A Novel Primate MHC Class I-Related Locus with Unusually Low Variability. Journal of Immunology, 2000, 164, 1386-1398.	0.8	63
13	Differential evolutionary MHC class II strategies in humans and rhesus macaques: relevance for biomedical studies. Immunological Reviews, 2001, 183, 76-85.	6.0	62
14	Characterization of the rhesus macaque (Macaca mulatta) equivalent of HLA-F. Immunogenetics, 1993, 38, 141-5.	2.4	50
15	Genetic Makeup of the DR Region in Rhesus Macaques: Gene Content, Transcripts, and Pseudogenes. Journal of Immunology, 2004, 172, 6152-6157.	0.8	49
16	A snapshot of the Mamu-B genes and their allelic repertoire in rhesus macaques of Chinese origin. Immunogenetics, 2008, 60, 507-514.	2.4	47
17	Pinpointing a selective sweep to the chimpanzee MHC class I region by comparative genomics. Molecular Ecology, 2008, 17, 2074-2088.	3.9	44
18	Haplotype diversity generated by ancient recombination-like events in the MHC of Indian rhesus macaques. Immunogenetics, 2013, 65, 569-584.	2.4	44

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19	Reactivation by exon shuffling of a conserved HLA-DR3-like pseudogene segment in a New World primate species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 5864-5868.	7.1	42
20	Genomic plasticity of the MHC class I A region in rhesus macaques: extensive haplotype diversity at the population level as revealed by microsatellites. <i>Immunogenetics</i> , 2011, 63, 73-83.	2.4	42
21	Co-evolution of the MHC class I and KIR gene families in rhesus macaques: ancestry and plasticity. <i>Immunological Reviews</i> , 2015, 267, 228-245.	6.0	35
22	Major histocompatibility haplotypes in a breeding colony of chimpanzees (<i>Pan troglodytes</i>). <i>Tissue Antigens</i> , 1993, 42, 55-61.	1.0	34
23	Reduced MHC Gene Repertoire Variation in West African Chimpanzees as Compared to Humans. <i>Molecular Biology and Evolution</i> , 2005, 22, 1375-1385.	8.9	34
24	Extensive Alternative Splicing of KIR Transcripts. <i>Frontiers in Immunology</i> , 2018, 9, 2846.	4.8	32
25	Characterization and distribution of Mhc-DPB1 alleles in chimpanzee and rhesus macaque populations. <i>Human Immunology</i> , 1998, 59, 656-664.	2.4	26
26	Definition of Mafa-A and -B haplotypes in pedigreed cynomolgus macaques (<i>Macaca fascicularis</i>). <i>Immunogenetics</i> , 2009, 61, 745-753.	2.4	23
27	Human and Rhesus Macaque KIR Haplotypes Defined by Their Transcriptomes. <i>Journal of Immunology</i> , 2018, 200, j1701480.	0.8	23
28	Evolution of the major histocompatibility complex DPA1 locus in primates. <i>Human Immunology</i> , 1995, 42, 184-187.	2.4	22
29	The repertoire of MHC class I genes in the common marmoset: evidence for functional plasticity. <i>Immunogenetics</i> , 2013, 65, 841-849.	2.4	21
30	Genomic plasticity of the immune-related Mhc class I B region in macaque species. <i>BMC Genomics</i> , 2008, 9, 514.	2.8	20
31	The chimpanzee Mhc-DRB region revisited: Gene content, polymorphism, pseudogenes, and transcripts. <i>Molecular Immunology</i> , 2009, 47, 381-389.	2.2	20
32	Nomenclature report 2019: major histocompatibility complex genes and alleles of Great and Small Ape and Old and New World monkey species. <i>Immunogenetics</i> , 2020, 72, 25-36.	2.4	17
33	Immunization with Recombinant HLA Classes I and II, HIV-1 gp140, and SIV p27 Elicits Protection against Heterologous SHIV Infection in Rhesus Macaques. <i>Journal of Virology</i> , 2011, 85, 6442-6452.	3.4	16
34	Multilocus definition of MHC haplotypes in pedigreed cynomolgus macaques (<i>Macaca fascicularis</i>). <i>Immunogenetics</i> , 2012, 64, 755-765.	2.4	15
35	Limited MHC class I intron 2 repertoire variation in bonobos. <i>Immunogenetics</i> , 2017, 69, 677-688.	2.4	15
36	The orthologs of HLA-DQ and -DP genes display abundant levels of variability in macaque species. <i>Immunogenetics</i> , 2017, 69, 87-99.	2.4	15

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37	DR haplotype diversity of the cynomolgus macaque as defined by its transcriptome. Immunogenetics, 2012, 64, 31-37.	2.4	14
38	Differential recombination dynamics within the MHC of macaque species. Immunogenetics, 2014, 66, 535-544.	2.4	14
39	Nomenclature report for killer-cell immunoglobulin-like receptors (KIR) in macaque species: new genes/alleles, renaming recombinant entities and IPD-NHKIR updates. Immunogenetics, 2020, 72, 37-47.	2.4	14
40	Unparalleled Rapid Evolution of KIR Genes in Rhesus and Cynomolgus Macaque Populations. Journal of Immunology, 2020, 204, 1770-1786.	0.8	12
41	Major Histocompatibility Complex class II <i>DQ</i> diversity in Rhesus macaques. Tissue Antigens, 1993, 41, 178-185.	1.0	11
42	A Specialist Macaque MHC Class I Molecule with HLA-B*27-like Peptide-Binding Characteristics. Journal of Immunology, 2017, 199, 3679-3690.	0.8	11
43	Compound Evolutionary History of the Rhesus Macaque Mhc Class I B Region Revealed by Microsatellite Analysis and Localization of Retroviral Sequences. PLoS ONE, 2009, 4, e4287.	2.5	10
44	Limited MHC class II gene polymorphism in the West African chimpanzee is distributed maximally by haplotype diversity. Immunogenetics, 2019, 71, 13-23.	2.4	8
45	Unique peptide-binding motif for Mamu-B*037:01: an MHC class I allele common to Indian and Chinese rhesus macaques. Immunogenetics, 2013, 65, 897-900.	2.4	5
46	No difference in Gag and Env immune-response profiles between vaccinated and non-vaccinated rhesus macaques that control immunodeficiency virus replication. Journal of General Virology, 2010, 91, 2974-2984.	2.9	2
47	The HLA A03 Supertype and Several Pan Species Major Histocompatibility Complex Class I A Allotypes Share a Preference for Binding Positively Charged Residues in the F Pocket: Implications for Controlling Retroviral Infections. Journal of Virology, 2020, 94, .	3.4	2
48	Spontaneous endometriosis in rhesus macaques: evidence for a genetic association with specific Mamu-A1 alleles. Primate Biology, 2017, 4, 117-125.	1.0	1
49	Full-length MHC class II alleles in three New World monkey species. Hla, 2020, 95, 163-165.	0.6	0