Ronald Bontrop

List of Publications by Year
in descending order

278 papers	19,406 citations	17440 63 h-index	13770 129 g-index
307 all docs	307 docs citations	307 times ranked	14294 citing authors

#	Article	IF	Citations
1	Dynamic evolution of Mhc haplotypes in cynomolgus macaques of different geographic origins. Immunogenetics, 2022, , 1.	2.4	6
2	Medical imaging of pulmonary disease in SARS-CoV-2-exposed non-human primates. Trends in Molecular Medicine, 2022, 28, 123-142.	6.7	10
3	Comparative genetics of KIR haplotype diversity in humans and rhesus macaques: the balancing act. Immunogenetics, 2022, , 1.	2.4	4
4	Brain Inflammation and Intracellular Î±-Synuclein Aggregates in Macaques after SARS-CoV-2 Infection. Viruses, 2022, 14, 776.	3.3	23
5	Two Human Monoclonal HLA-Reactive Antibodies Cross-React with Mamu-B*008, a Rhesus Macaque MHC Allotype Associated with Control of Simian Immunodeficiency Virus Replication. Journal of Immunology, 2021, 206, 1957-1965.	0.8	1
6	The Post-Acute Phase of SARS-CoV-2 Infection in Two Macaque Species Is Associated with Signs of Ongoing Virus Replication and Pathology in Pulmonary and Extrapulmonary Tissues. Viruses, 2021, 13, 1673.	3.3	28
7	Rapid Characterization of Complex Killer Cell Immunoglobulin-Like Receptor (KIR) Regions Using Cas9 Enrichment and Nanopore Sequencing. Frontiers in Immunology, 2021, 12, 722181.	4.8	15
8	The Genomic Organization of the LILR Region Remained Largely Conserved Throughout Primate Evolution: Implications for Health And Disease. Frontiers in Immunology, 2021, 12, 716289.	4.8	8
9	Nomenclature report 2019: major histocompatibility complex genes and alleles of Great and Small Ape and Old and New World monkey species. Immunogenetics, 2020, 72, 25-36.	2.4	17
10	Fullâ€length MHC class II alleles in three New World monkey species. Hla, 2020, 95, 163-165.	0.6	0
11	Immunogenetics special issue 2020: nomenclature, databases, and bioinformatics in immunogenetics. Immunogenetics, 2020, 72, 1-3.	2.4	1
12	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
13	The Genetic Mechanisms Driving Diversification of the KIR Gene Cluster in Primates. Frontiers in Immunology, 2020, 11, 582804.	4.8	15
14	Evolution of HLA-F and its orthologues in primate species: a complex tale of conservation, diversification and inactivation. Immunogenetics, 2020, 72, 475-487.	2.4	2
15	How the COVID-19 pandemic highlights the necessity of animal research. Current Biology, 2020, 30, R1014-R1018.	3.9	26
16	Similar patterns of genetic diversity and linkage disequilibrium in Western chimpanzees (Pan) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 BMC Evolutionary Biology, 2020, 20, 119.	3.2	2
17	Comparative genetics of the major histocompatibility complex in humans and nonhuman primates. International Journal of Immunogenetics, 2020, 47, 243-260.	1.8	24
18	COVID-19 pandemic: is a gender-defined dosage effect responsible for the high mortality rate among males?. Immunogenetics, 2020, 72, 275-277.	2.4	36

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19	Unparalleled Rapid Evolution of KIR Genes in Rhesus and Cynomolgus Macaque Populations. Journal of Immunology, 2020, 204, 1770-1786.	0.8	12
20	Differential DNA methylation of vocal and facial anatomy genes in modern humans. Nature Communications, 2020, 11, 1189.	12.8	69
21	Editorial: Comparative Genetics of NK Cell Receptor Families in Relation to MHC Class I Ligands and Their Function. Frontiers in Immunology, 2020, 11, 561.	4.8	0
22	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
23	Analysis of macaque BTN3A genes and transcripts in the extended MHC: conserved orthologs of human Î³Î´ T cell modulators. Immunogenetics, 2019, 71, 545-559.	2.4	3
24	Determining Mhc-DRB profiles in wild populations of three congeneric true lemur species by noninvasive methods. Immunogenetics, 2019, 71, 97-107.	2.4	3
25	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
26	Human and Rhesus MacaqueKIRHaplotypes Defined by Their Transcriptomes. Journal of Immunology, 2018, 200, ji1701480.	0.8	23
27	MHC class I diversity of olive baboons (Papio anubis) unravelled by next-generation sequencing. Immunogenetics, 2018, 70, 439-448.	2.4	8
28	In memoriam Johannes Joseph van Rood (1926â€“2017). Immunogenetics, 2018, 70, 1-4.	2.4	1
29	Extensive Alternative Splicing of KIR Transcripts. Frontiers in Immunology, 2018, 9, 2846.	4.8	32
30	Cell Type and Species-specific Patterns in Neuronal and Non-neuronal Methylomes of Human and Chimpanzee Cortices. Cerebral Cortex, 2018, 28, 3724-3739.	2.9	7
31	Comparative MHC nomenclature: report from the ISAG/IUIS-VIC committee 2018. Immunogenetics, 2018, 70, 625-632.	2.4	32
32	IPD-MHC: nomenclature requirements for the non-human major histocompatibility complex in the next-generation sequencing era. Immunogenetics, 2018, 70, 619-623.	2.4	40
33	Nomenclature for the KIR of non-human species. Immunogenetics, 2018, 70, 571-583.	2.4	15
34	Does the MHC Confer Protection against Malaria in Bonobos?. Trends in Immunology, 2018, 39, 768-771.	6.8	13
35	A quick and robust MHC typing method for free-ranging and captive primate species. Immunogenetics, 2017, 69, 231-240.	2.4	7
36	Two Orangutan Species Have Evolved Different KIR Alleles and Haplotypes. Journal of Immunology, 2017, 198, 3157-3169.	0.8	13

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37	Major histocompatibility complex haplotyping and long-amplicon allele discovery in cynomolgus macaques from Chinese breeding facilities. Immunogenetics, 2017, 69, 211-229.	2.4	40
38	Limited MHC class I intron 2 repertoire variation in bonobos. Immunogenetics, 2017, 69, 677-688.	2.4	15
39	Prof Dr. Johannes Joseph (Jon) van Rood (1926â€“2017). Human Immunology, 2017, 78, 523-525.	2.4	0
40	A Specialist Macaque MHC Class I Molecule with HLA-B*27â€“like Peptide-Binding Characteristics. Journal of Immunology, 2017, 199, 3679-3690.	0.8	11
41	RNA editing independently occurs at three mir-376a-1 sites and may compromise the stability of the microRNA hairpin. Gene, 2017, 628, 109-116.	2.2	4
42	AIDS in chimpanzees: the role of MHC genes. Immunogenetics, 2017, 69, 499-509.	2.4	10
43	Foreword: Immunogenetics special issue 2017. Immunogenetics, 2017, 69, 479-480.	2.4	1
44	Non-human primate models for disease and human biology: The impact of the Major Histocompatibility Complex. Drug Discovery Today: Disease Models, 2017, 23, 25-29.	1.2	0
45	The orthologs of HLA-DQ and -DP genes display abundant levels of variability in macaque species. Immunogenetics, 2017, 69, 87-99.	2.4	15
46	Transcription start site profiling of 15 anatomical regions of the Macaca mulatta central nervous system. Scientific Data, 2017, 4, 170163.	5.3	4
47	IPD-MHC 2.0: an improved inter-species database for the study of the major histocompatibility complex. Nucleic Acids Research, 2017, 45, D860-D864.	14.5	168
48	No postcopulatory selection against <scp>MHC</scp>â€homozygous offspring: Evidence from a pedigreed captive rhesus macaque colony. Molecular Ecology, 2017, 26, 3785-3793.	3.9	7
49	Spontaneous endometriosis in rhesus macaques: evidence for a genetic association with specific Mamu-A1 alleles. Primate Biology, 2017, 4, 117-125.	1.0	1
50	S0117 Development of the ipd-MHC Database. Journal of Animal Science, 2016, 94, 9-9.	0.5	0
51	Human Oocyte-Derived Methylation Differences Persist in the Placenta Revealing Widespread Transient Imprinting. PLoS Genetics, 2016, 12, e1006427.	3.5	94
52	Fiftyâ€one fullâ€length major histocompatibility complex class II alleles in the olive baboon (<i>Papio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.6	3
53	Epigenomic annotation of gene regulatory alterations during evolution of the primate brain. Nature Neuroscience, 2016, 19, 494-503.	14.8	113
54	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. Journal of Immunology, 2016, 196, 750-758.	0.8	15

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55	The Time Scale of Recombination Rate Evolution in Great Apes. Molecular Biology and Evolution, 2016, 33, 928-945.	8.9	92
56	Functional Implications of Human-Specific Changes in Great Ape microRNAs. PLoS ONE, 2016, 11, e0154194.	2.5	12
57	Extreme selective sweeps independently targeted the X chromosomes of the great apes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 6413-6418.	7.1	75
58	Coâ€evolution of the <scp>MHC</scp> class I and <scp>KIR</scp> gene families in rhesus macaques: ancestry and plasticity. Immunological Reviews, 2015, 267, 228-245.	6.0	35
59	Novel <scp>DRA</scp> alleles extracted from seven macaque cohorts. Tissue Antigens, 2015, 85, 146-148.	1.0	2
60	Origins of De Novo Genes in Human and Chimpanzee. PLoS Genetics, 2015, 11, e1005721.	3.5	123
61	Strong Vaccine-Induced CD8 T-Cell Responses Have Cytolytic Function in a Chimpanzee Clearing HCV Infection. PLoS ONE, 2014, 9, e95103.	2.5	10
62	Widespread differences in cortex DNA methylation of the â€œlanguage geneâ€CNTNAP2between humans and chimpanzees. Epigenetics, 2014, 9, 533-545.	2.7	30
63	High diversity of MIC genes in non-human primates. Immunogenetics, 2014, 66, 581-587.	2.4	13
64	Differential recombination dynamics within the MHC of macaque species. Immunogenetics, 2014, 66, 535-544.	2.4	14
65	Strong male bias drives germline mutation in chimpanzees. Science, 2014, 344, 1272-1275.	12.6	146
66	The HIV-1 pandemic: does the selective sweep in chimpanzees mirror humankindâ€™s future?. Retrovirology, 2013, 10, 53.	2.0	39
67	Haplotype diversity generated by ancient recombination-like events in the MHC of Indian rhesus macaques. Immunogenetics, 2013, 65, 569-584.	2.4	44
68	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
69	The repertoire of MHC class I genes in the common marmoset: evidence for functional plasticity. Immunogenetics, 2013, 65, 841-849.	2.4	21
70	Multiple Instances of Ancient Balancing Selection Shared Between Humans and Chimpanzees. Science, 2013, 339, 1578-1582.	12.6	253
71	Great ape genetic diversity and population history. Nature, 2013, 499, 471-475.	27.8	768
72	DNA/long peptide vaccination against conserved regions of SIV induces partial protection against SIVmac251 challenge. Aids, 2013, 27, 2841-2851.	2.2	21

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73	Evolution and diversity of copy number variation in the great ape lineage. Genome Research, 2013, 23, 1373-1382.	5.5	161
74	Insights on the functional interactions between miRNAs and copy number variations in the aging brain. Frontiers in Molecular Neuroscience, 2013, 6, 32.	2.9	18
75	Genomic Tools for Evolution and Conservation in the Chimpanzee: Pan troglodytes ellioti Is a Genetically Distinct Population. PLoS Genetics, 2012, 8, e1002504.	3.5	53
76	Evolution of HLA-DRB Genes. Molecular Biology and Evolution, 2012, 29, 3843-3853.	8.9	22
77	Methylation and Expression Analyses of the 7q Autism Susceptibility Locus Genes <i>MEST</i>, <i>COPG2,</i> and <i>TSGA14</i> in Human and Anthropoid Primate Cortices. Cytogenetic and Genome Research, 2012, 136, 278-287.	1.1	22
78	A High Density of Human Communication-Associated Genes in Chromosome 7q31-q36: Differential Expression in Human and Non-Human Primate Cortices. Cytogenetic and Genome Research, 2012, 136, 97-106.	1.1	12
79	The Impact of MicroRNAs on Brain Aging and Neurodegeneration. Current Gerontology and Geriatrics Research, 2012, 2012, 1-9.	1.6	48
80	Multilocus definition of MHC haplotypes in pedigreed cynomolgus macaques (Macaca fascicularis). Immunogenetics, 2012, 64, 755-765.	2.4	15
81	A Fine-Scale Chimpanzee Genetic Map from Population Sequencing. Science, 2012, 336, 193-198.	12.6	273
82	Evaluation of IL-28B Polymorphisms and Serum IP-10 in Hepatitis C Infected Chimpanzees. PLoS ONE, 2012, 7, e46645.	2.5	4
83	Functional Annotation of Small Noncoding RNAs Target Genes Provides Evidence for a Deregulated Ubiquitin-Proteasome Pathway in Spinocerebellar Ataxia Type 1. Journal of Nucleic Acids, 2012, 2012, 1-11.	1.2	8
84	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
85	DR haplotype diversity of the cynomolgus macaque as defined by its transcriptome. Immunogenetics, 2012, 64, 31-37.	2.4	14
86	123-P The IPD-MHC NHP database: New nomenclature for the non-human primate MHC alleles. Human Immunology, 2011, 72, S100.	2.4	0
87	Genome-wide analysis of miRNA expression reveals a potential role for miR-144 in brain aging and spinocerebellar ataxia pathogenesis. Neurobiology of Aging, 2011, 32, 2316.e17-2316.e27.	3.1	108
88	Novel major histocompatibility complex class I alleles extracted from two rhesus macaque populations. Tissue Antigens, 2011, 77, 79-80.	1.0	6
89	<i>TRIM5</i> allelic polymorphism in macaque species/populations of different geographic origins: its impact on SIV vaccine studies. Tissue Antigens, 2011, 78, 256-262.	1.0	24
90	The extreme plasticity of killer cell Igâ€like receptor (KIR) haplotypes differentiates rhesus macaques from humans. European Journal of Immunology, 2011, 41, 2719-2728.	2.9	27

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91	Genomic plasticity of the MHC class I A region in rhesus macaques: extensive haplotype diversity at the population level as revealed by microsatellites. Immunogenetics, 2011, 63, 73-83.	2.4	42
92	A Comparative Analysis of Viral Peptides Presented by Contemporary Human and Chimpanzee MHC Class I Molecules. Journal of Immunology, 2011, 187, 5995-6001.	0.8	11
93	Immunization with Recombinant HLA Classes I and II, HIV-1 gp140, and SIV p27 Elicits Protection against Heterologous SHIV Infection in Rhesus Macaques. Journal of Virology, 2011, 85, 6442-6452.	3.4	16
94	Extensive DRB region diversity in cynomolgus macaques: recombination as a driving force. Immunogenetics, 2010, 62, 137-147.	2.4	22
95	The mosaic of KIR haplotypes in rhesus macaques. Immunogenetics, 2010, 62, 295-306.	2.4	57
96	Nomenclature for factors of the HLA system, 2010. Tissue Antigens, 2010, 75, 291-455.	1.0	3,121
97	AIDS-protective HLA-B*27/B*57 and chimpanzee MHC class I molecules target analogous conserved areas of HIV-1/SIV_{cpz}. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 15175-15180.	7.1	49
98	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
99	An update to HLA Nomenclature, 2010. Bone Marrow Transplantation, 2010, 45, 846-848.	2.4	48
100	A Novel Gastrokine, Gkn3, Marks Gastric Atrophy and Shows Evidence of Adaptive Gene Loss in Humans. Gastroenterology, 2010, 138, 1823-1835.	1.3	57
101	Drive Against Hotspot Motifs in Primates Implicates the PRDM9 Gene in Meiotic Recombination. Science, 2010, 327, 876-879.	12.6	607
102	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
103	Differences in DNA Methylation Patterns and Expression of the CCRK Gene in Human and Nonhuman Primate Cortices. Molecular Biology and Evolution, 2009, 26, 1379-1389.	8.9	47
104	Patterns of Diversity in HIV-Related Loci among Subspecies of Chimpanzee: Concordance at CCR5 and Differences at CXCR4 and CX3CR1. Molecular Biology and Evolution, 2009, 26, 719-727.	8.9	17
105	Correlated evolution of nucleotide substitution rates and allelic variation in Mhc-DRB lineages of primates. BMC Evolutionary Biology, 2009, 9, 73.	3.2	9
106	Evidence for balancing selection acting on KIR2DL4 genotypes in rhesus macaques of Indian origin. Immunogenetics, 2009, 61, 503-512.	2.4	17
107	Definition of Mafa-A and -B haplotypes in pedigreed cynomolgus macaques (Macaca fascicularis). Immunogenetics, 2009, 61, 745-753.	2.4	23
108	High resolution definition of HLAâ€ÐRB haplotypes by a simplified microsatellite typing technique. Tissue Antigens, 2009, 74, 486-493.	1.0	7

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109	The action of falciparum malaria on the human and chimpanzee genomes compared: Absence of evidence for a genomic signature of malaria at HBB and G6PD in three subspecies of chimpanzee. Infection, Genetics and Evolution, 2009, 9, 1248-1252.	2.3	5
110	A splice site mutation converts an inhibitory killer cell Ig-like receptor into an activating one. Molecular Immunology, 2009, 46, 640-648.	2.2	24
111	The chimpanzee Mhc-DRB region revisited: Gene content, polymorphism, pseudogenes, and transcripts. Molecular Immunology, 2009, 47, 381-389.	2.2	20
112	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
113	Comparative genetics of a highly divergent DRB microsatellite in different macaque species. Immunogenetics, 2008, 60, 737-748.	2.4	27
114	Pinpointing a selective sweep to the chimpanzee MHC class I region by comparative genomics. Molecular Ecology, 2008, 17, 2074-2088.	3.9	44
115	Genomic plasticity of the immune-related Mhc class I B region in macaque species. BMC Genomics, 2008, 9, 514.	2.8	20
116	10-OR: A splice site mutation converts an inhibitory KIR gene into an activating one. Human Immunology, 2008, 69, S5.	2.4	0
117	Reshuffling of ancient peptide binding motifs between HLA-DRB multigene family members: Old wine served in new skins. Molecular Immunology, 2008, 45, 2743-2751.	2.2	19
118	Impact of Endogenous Intronic Retroviruses on Major Histocompatibility Complex Class II Diversity and Stability. Journal of Virology, 2008, 82, 6667-6677.	3.4	33
119	A highly divergent microsatellite facilitating fast and accurate DRB haplotyping in humans and rhesus macaques. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 8907-8912.	7.1	46
120	Molecular evolution of the human SRPX2 gene that causes brain disorders of the Rolandic and Sylvian speech areas. BMC Genetics, 2007, 8, 72.	2.7	25
121	MIC gene polymorphism and haplotype diversity in rhesus macaques. Tissue Antigens, 2007, 69, 212-219.	1.0	17
122	MHC class I A region diversity and polymorphism in macaque species. Immunogenetics, 2007, 59, 367-375.	2.4	98
123	Comparative Genetics of MHC Polymorphisms in Different Primate Species: Duplications and Deletions. Human Immunology, 2006, 67, 388-397.	2.4	74
124	The diallelic locus encoding the minor histocompatibility antigen HA-1 is evolutionarily conserved. Tissue Antigens, 2006, 68, 62-65.	1.0	3
125	Diversity of microRNAs in human and chimpanzee brain. Nature Genetics, 2006, 38, 1375-1377.	21.4	457
126	Extensive sharing of MHC class II alleles between rhesus and cynomolgus macaques. Immunogenetics, 2006, 58, 259-268.	2.4	64

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127	Reactivation by exon shuffling of a conservedHLA-DR3-like pseudogene segment in a New World primate species. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5864-5868.	7.1	42
128	An unusual mode of concerted evolution of the EGFâ€TM7 receptor chimera EMR2. FASEB Journal, 2006, 20, 2582-2584.	0.5	41
129	Allelic polymorphism in introns 1 and 2 of the HLA-DQA1 gene. Tissue Antigens, 2005, 65, 56-66.	1.0	5
130	Nomenclature for factors of the HLA system, 2004. Tissue Antigens, 2005, 65, 301-369.	1.0	491
131	Nomenclature for factors of the HLA system, 2004. International Journal of Immunogenetics, 2005, 32, 107-159.	1.8	89
132	Microsatellite typing of the rhesus macaque MHC region. Immunogenetics, 2005, 57, 198-209.	2.4	92
133	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
134	Comparison of Fine-Scale Recombination Rates in Humans and Chimpanzees. Science, 2005, 308, 107-111.	12.6	335
135	Reduced MIC Gene Repertoire Variation in West African Chimpanzees as Compared to Humans. Molecular Biology and Evolution, 2005, 22, 1375-1385.	8.9	34
136	MHC polymorphism: AIDS susceptibility in non-human primates. Trends in Immunology, 2005, 26, 227-233.	6.8	70
137	Nomenclature for Factors of the HLA System, 2004. Human Immunology, 2005, 66, 571-636.	2.4	179
138	Modeling human arthritic diseases in nonhuman primates. Arthritis Research and Therapy, 2005, 7, 145.	3.5	59
139	Genetic Makeup of theDRRegion in Rhesus Macaques: Gene Content, Transcripts, and Pseudogenes. Journal of Immunology, 2004, 172, 6152-6157.	0.8	49
140	Metastable Tolerance to Rhesus Monkey Renal Transplants Is Correlated with Allograft TGF-Î²1+CD4+T Regulatory Cell Infiltrates. Journal of Immunology, 2004, 172, 5753-5764.	0.8	76
141	A prevalent POLG CAG microsatellite length allele in humans and African great apes. Mammalian Genome, 2004, 15, 492-502.	2.2	22
142	Evolutionary stability of MHC classÂII haplotypes in diverse rhesus macaque populations. Immunogenetics, 2003, 55, 540-551.	2.4	70
143	Chronic hepatitis C virus infection established and maintained in chimpanzees independent of dendritic cell impairment. Hepatology, 2003, 38, 851-858.	7.3	53
144	IMGT/HLA and IMGT/MHC: sequence databases for the study of the major histocompatibility complex. Nucleic Acids Research, 2003, 31, 311-314.	14.5	738

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145	Specific nature of cellular immune responses elicited by chimpanzees against HIV-1. Human Immunology, 2003, 64, 681-688.	2.4	9
146	Major Histocompatibility Complex Class I Alleles Associated with Slow Simian Immunodeficiency Virus Disease Progression Bind Epitopes Recognized by Dominant Acute-Phase Cytotoxic-T-Lymphocyte Responses. Journal of Virology, 2003, 77, 9029-9040.	3.4	170
147	Microarray analysis of nonhuman primates: validation of experimental models in neurological disorders. FASEB Journal, 2003, 17, 1-19.	0.5	69
148	Chronic hepatitis C virus infection established and maintained in chimpanzees independent of dendritic cell impairment. Hepatology, 2003, 38, 851-858.	7.3	42
149	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
150	Effects of MHC Class I on HIV/SIV Disease in Primates. Aids, 2002, 16, S105-S114.	2.2	29
151	Intra- and Interspecific Variation in Primate Gene Expression Patterns. Science, 2002, 296, 340-343.	12.6	813
152	Nomenclature for factors of the HLA system, 2002. Human Immunology, 2002, 63, 1213-1268.	2.4	103
153	Nomenclature for factors of the HLA system, 2002. International Journal of Immunogenetics, 2002, 29, 463-515.	1.2	47
154	Extensive Mhc-DQB variation in humans and non-human primate species. Immunogenetics, 2002, 54, 230-239.	2.4	69
155	Demyelination and axonal damage in a non-human primate model of multiple sclerosis. Journal of the Neurological Sciences, 2001, 184, 41-49.	0.6	74
156	Nomenclature for factors of the hla system, 2000. Human Immunology, 2001, 62, 419-468.	2.4	61
157	The major histocompatibility complex influences the ethiopathogenesis of MS-like disease in primates at multiple levels. Human Immunology, 2001, 62, 1371-1381.	2.4	19
158	Prophylactic and therapeutic effects of a humanized monoclonal antibody againstÂthe IL-2 receptor (DACLIZUMAB) on collagen-induced arthritis (CIA) inÂrhesus monkeys. Clinical and Experimental Immunology, 2001, 124, 134-141.	2.6	41
159	Non-human primates: essential partners in biomedical research. Immunological Reviews, 2001, 183, 5-9.	6.0	77
160	Differential evolutionary MHC class II strategies in humans and rhesus macaques: relevance for biomedical studies. Immunological Reviews, 2001, 183, 76-85.	6.0	62
161	Nonâ€human primate models of multiple sclerosis. Immunological Reviews, 2001, 183, 173-185.	6.0	75
162	Nomenclature for factors of the HLA system, 2000. International Journal of Immunogenetics, 2001, 28, 377-424.	1.2	18

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163	Allelic diversity of Mhc-DRB alleles in rhesus macaques. Tissue Antigens, 2000, 56, 58-68.	1.0	28
164	A new primate model for multiple sclerosis in the common marmoset. Trends in Immunology, 2000, 21, 290-297.	7.5	108
165	MHC diversity in Caucasians, investigated using highly heterogeneous noncoding sequence motifs at the DQB1 locus including a retroviral long terminal repeat element, and its comparison to nonhuman primate homologues. Immunogenetics, 2000, 51, 898-904.	2.4	11
166	Major histocompatibility complex class I diversity in a West African chimpanzee population: implications for HIV research. Immunogenetics, 2000, 51, 398-409.	2.4	53
167	Unprecedented Polymorphism of Mhc-DRB Region Configurations in Rhesus Macaques. Journal of Immunology, 2000, 164, 3193-3199.	0.8	77
168	Myelin/Oligodendrocyte Glycoprotein-Induced Autoimmune Encephalomyelitis in Common Marmosets: The Encephalitogenic T Cell Epitope pMOG24â€“36 Is Presented by a Monomorphic MHC Class II Molecule. Journal of Immunology, 2000, 165, 1093-1101.	0.8	123
169	IMGT, the international ImMunoGeneTics database. Nucleic Acids Research, 2000, 28, 219-221.	14.5	366
170	Mamu-I: A Novel Primate MHC Class IB-Related Locus with Unusually Low Variability. Journal of Immunology, 2000, 164, 1386-1398.	0.8	63
171	Definition of Five New Simian Immunodeficiency Virus Cytotoxic T-Lymphocyte Epitopes and Their Restricting Major Histocompatibility Complex Class I Molecules: Evidence for an Influence on Disease Progression. Journal of Virology, 2000, 74, 7400-7410.	3.4	72
172	The Evolution of the Major Histocompatibility Complex: Insights from Phylogeny. , 2000, , 163-169.		0
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