Peter Parham

List of Publications by Year
in descending order

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131	11,023	57681	36203
papers	citations	46	101
		h-index	g-index

136	136	136	11326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural LILRB1 D1-D2 variants show frequency differences in populations and bind to HLA class I with various avidities. Immunogenetics, 2022, 74, 513-525.	1.2	2
2	Adaptive Admixture of HLA Class I Allotypes Enhanced Genetically Determined Strength of Natural Killer Cells in East Asians. Molecular Biology and Evolution, 2021, 38, 2582-2596.	3.5	17
3	High-Resolution Characterization of KIR Genes in a Large North American Cohort Reveals Novel Details of Structural and Sequence Diversity. Frontiers in Immunology, 2021, 12, 674778.	2.2	21
4	Following Transplantation for Acute Myelogenous Leukemia, Donor KIR Cen B02 Better Protects against Relapse than KIR Cen B01. Journal of Immunology, 2021, 206, 3064-3072.	0.4	8
5	Abundant CpG-sequences in human genomes inhibit KIR3DL2-expressing NK cells. PeerJ, 2021, 9, e12258.	0.9	2
6	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.	1.2	17
7	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.	1.2	14
8	Killer Cell Immunoglobulin-like Receptor Variants Are Associated with Protection from Symptoms Associated with More Severe Course in Parkinson Disease. Journal of Immunology, 2020, 205, 1323-1330.	0.4	18
9	HLAs, TCRs, and KIRs, a Triumvirate of Human Cell-Mediated Immunity. Annual Review of Biochemistry, 2020, 89, 717-739.	5.0	49
10	Distinctive phenotypes and functions of innate lymphoid cells in human decidua during early pregnancy. Nature Communications, 2020, 11, 381.	5.8	110
11	KIR Variation in Iranians Combines High Haplotype and Allotype Diversity With an Abundance of Functional Inhibitory Receptors. Frontiers in Immunology, 2020, 11, 556.	2.2	18
12	KIR B donors improve the outcome for AML patients given reduced intensity conditioning and unrelated donor transplantation. Blood Advances, 2020, 4, 740-754.	2.5	42
13	A natural killer cell receptor takes sharp aim at the world of bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 12601-12603.	3.3	3
14	A specific amino acid motif of HLA-DRB1 mediates risk and interacts with smoking history in Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 7419-7424.	3.3	58
15	Diversity of KIR, HLA Class I, and Their Interactions in Seven Populations of Sub-Saharan Africans. Journal of Immunology, 2019, 202, 2636-2647.	0.4	26
16	Two to Tango: Co-evolution of Hominid Natural Killer Cell Receptors and MHC. Frontiers in Immunology, 2019, 10, 177.	2.2	59
17	Conservation, Extensive Heterozygosity, and Convergence of Signaling Potential All Indicate a Critical Role for KIR3DL3 in Higher Primates. Frontiers in Immunology, 2019, 10, 24.	2.2	31
18	KIR3DL1/S1 Allotypes Contribute Differentially to the Development of BehÃ§et Disease. Journal of Immunology, 2019, 203, 1629-1635.	0.4	20

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19	Genetic diversity affects the nanoscale membrane organization and signaling of natural killer cell receptors. Science Signaling, 2019, 12, .	1.6	16
20	Donor Killer Cell Immunoglobulin-Like Receptor Genotype Does Not Improve Graft-versus-Leukemia Responses in Chronic Lymphocytic Leukemia after Unrelated Donor Transplant: A Center for International Blood and Marrow Transplant Research Analysis. Biology of Blood and Marrow Transplantation, 2019, 25, 949-954.	2.0	8
21	In vitro education of human natural killer cells by KIR3DL1. Life Science Alliance, 2019, 2, e201900434.	1.3	7
22	Genetic diversity of CHC22 clathrin impacts its function in glucose metabolism. ELife, 2019, 8, .	2.8	22
23	Molecular definition of the transplantation antigens. FEBS Journal, 2018, 285, 2728-2745.	2.2	6
24	Genetics of Natural Killer Cells in Human Health, Disease, and Survival. Annual Review of Immunology, 2018, 36, 519-548.	9.5	86
25	Human NK Cells Downregulate Zap70 and Syk in Response to Prolonged Activation or DNA Damage. Journal of Immunology, 2018, 200, 1146-1158.	0.4	13
26	Elevated HLA-A expression impairs HIV control through inhibition of NKG2A-expressing cells. Science, 2018, 359, 86-90.	6.0	135
27	Different Selected Mechanisms Attenuated the Inhibitory Interaction of KIR2DL1 with C2+ HLA-C in Two Indigenous Human Populations in Southern Africa. Journal of Immunology, 2018, 200, 2640-2655.	0.4	32
28	HLA-B57 micropolymorphism defines the sequence and conformational breadth of the immunopeptidome. Nature Communications, 2018, 9, 4693.	5.8	31
29	High-Resolution Genetic and Phenotypic Analysis of KIR2DL1 Alleles and Their Association with Pre-Eclampsia. Journal of Immunology, 2018, 201, 2593-2601.	0.4	33
30	Nomenclature for the KIR of non-human species. Immunogenetics, 2018, 70, 571-583.	1.2	15
31	Resurrecting KIR2DP1: A Key Intermediate in the Evolution of Human Inhibitory NK Cell Receptors That Recognize HLA-C. Journal of Immunology, 2017, 198, 1961-1973.	0.4	8
32	Two Orangutan Species Have Evolved Different KIR Alleles and Haplotypes. Journal of Immunology, 2017, 198, 3157-3169.	0.4	13
33	Two alternate strategies for innate immunity to Epstein-Barr virus: One using NK cells and the other NK cells and Î³Î´ T cells. Journal of Experimental Medicine, 2017, 214, 1827-1841.	4.2	57
34	The Intergenic Recombinant HLA-Bâˆ—46:01 Has a Distinctive Peptidome that Includes KIR2DL3 Ligands. Cell Reports, 2017, 19, 1394-1405.	2.9	40
35	Sequences of 95 human MHC haplotypes reveal extreme coding variation in genes other than highly polymorphic HLA class I and II. Genome Research, 2017, 27, 813-823.	2.4	79
36	Bonobos Maintain Immune System Diversity with Three Functional Types of MHC-B. Journal of Immunology, 2017, 198, 3480-3493.	0.4	19

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37	KIR2DS5 allotypes that recognize the C2 epitope of HLAâ€€ are common among Africans and absent from Europeans. Immunity, Inflammation and Disease, 2017, 5, 461-468.	1.3	45
38	Missing or altered self: human NK cell receptors that recognize HLA-C. Immunogenetics, 2017, 69, 567-579.	1.2	73
39	Distinguishing functional polymorphism from random variation in the sequences of >10,000 HLA-A, -B and -C alleles. PLoS Genetics, 2017, 13, e1006862.	1.5	129
40	Hematopoietic stem cell transplantation: Improving alloreactive Bw4 donor selection by genotyping codon 86 of KIR3DL1/S1. European Journal of Immunology, 2016, 46, 1511-1517.	1.6	21
41	Donor KIR B Genotype Improves Progression-Free Survival of Non-Hodgkin Lymphoma Patients Receiving Unrelated Donor Transplantation. Biology of Blood and Marrow Transplantation, 2016, 22, 1602-1607.	2.0	41
42	How the codfish changed its immune system. Nature Genetics, 2016, 48, 1103-1104.	9.4	12
43	Reproduction, infection and killer-cell immunoglobulin-like receptor haplotype evolution. Immunogenetics, 2016, 68, 755-764.	1.2	21
44	Defining KIR and HLA Class I Genotypes at Highest Resolution via High-Throughput Sequencing. American Journal of Human Genetics, 2016, 99, 375-391.	2.6	156
45	Clathrin light chainsâ€™ role in selective endocytosis influences antibody isotype switching. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 9816-9821.	3.3	27
46	Class I HLA haplotypes form two schools that educate NK cells in different ways. Science Immunology, 2016, 1, .	5.6	189
47	Complex MHC Class I Gene Transcription Profiles and Their Functional Impact in Orangutans. Journal of Immunology, 2016, 196, 750-758.	0.4	15
48	Coâ€evolution of <scp>MHC</scp> class I and variable <scp>NK</scp> cell receptors in placental mammals. Immunological Reviews, 2015, 267, 259-282.	2.8	80
49	Race, Ethnicity and Ancestry in Unrelated Transplant Matching for the National Marrow Donor Program: A Comparison of Multiple Forms of Self-Identification with Genetics. PLoS ONE, 2015, 10, e0135960.	1.1	42
50	Adaptive Natural Killer Cell and Killer Cell Immunoglobulinâ€“Like Receptorâ€“Expressing T Cell Responses are Induced by Cytomegalovirus and Are Associated with Protection against Cytomegalovirus Reactivation after Allogeneic Donor Hematopoietic Cell Transplantation. Biology of Blood and Marrow Transplantation, 2015, 21, 1653-1662.	2.0	50
51	A KIR B centromeric region present in Africans but not Europeans protects pregnant women from pre-eclampsia. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 845-850.	3.3	134
52	Signature Patterns of MHC Diversity in Three Gombe Communities of Wild Chimpanzees Reflect Fitness in Reproduction and Immune Defense against SIVcpz. PLoS Biology, 2015, 13, e1002144.	2.6	31
53	The production of KIRâ€“Fc fusion proteins and their use in a multiplex HLA class I binding assay. Journal of Immunological Methods, 2015, 425, 79-87.	0.6	18
54	Genomic evidence for the Pleistocene and recent population history of Native Americans. Science, 2015, 349, aab3884.	6.0	449

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55	The IPD and IMGT/HLA database: allele variant databases. Nucleic Acids Research, 2015, 43, D423-D431.	6.5	1,712
56	Regulation of Adaptive NK Cells and CD8 T Cells by HLA-C Correlates with Allogeneic Hematopoietic Cell Transplantation and with Cytomegalovirus Reactivation. Journal of Immunology, 2015, 195, 4524-4536.	0.4	35
57	Polymorphic HLA-C Receptors Balance the Functional Characteristics of KIR Haplotypes. Journal of Immunology, 2015, 195, 3160-3170.	0.4	108
58	Chimpanzee susceptibility to hepatitis C virus infection correlates with presence of Pt-KIR3DS2 and Pt-KIR2DL9: paired activating and inhibitory natural killer cell receptors. Immunogenetics, 2015, 67, 625-628.	1.2	1
59	A Distinctive Cytoplasmic Tail Contributes to Low Surface Expression and Intracellular Retention of the Patr-AL MHC Class I Molecule. Journal of Immunology, 2015, 195, 3725-3736.	0.4	7
60	Loss and Gain of Natural Killer Cell Receptor Function in an African Hunter-Gatherer Population. PLoS Genetics, 2015, 11, e1005439.	1.5	42
61	Definition of the Cattle Killer Cell Igâ€“like Receptor Gene Family: Comparison with Aurochs and Human Counterparts. Journal of Immunology, 2014, 193, 6016-6030.	0.4	29
62	Coordinated Regulation of NK Receptor Expression in the Maturing Human Immune System. Journal of Immunology, 2014, 193, 4871-4879.	0.4	75
63	R. N. Perham at the helm: 1998-2013. FEBS Journal, 2013, 280, 6279-6279.	2.2	3
64	Variable NK cell receptors and their MHC class I ligands in immunity, reproduction and human evolution. Nature Reviews Immunology, 2013, 13, 133-144.	10.6	431
65	Human-specific evolution of killer cell immunoglobulin-like receptor recognition of major histocompatibility complex class I molecules. Philosophical Transactions of the Royal Society B: Biological Sciences, 2012, 367, 800-811.	1.8	171
66	Variable NK Cell Receptors Exemplified by Human KIR3DL1/S1. Journal of Immunology, 2011, 187, 11-19.	0.4	61
67	Primateâ€specific regulation of natural killer cells. Journal of Medical Primatology, 2010, 39, 194-212.	0.3	64
68	Pregnancy immunogenetics: NK cell education in the womb?. Journal of Clinical Investigation, 2010, 120, 3801-3804.	3.9	32
69	Rene Stet: 1954â€“2007. Immunogenetics, 2008, 60, 73-75.	1.2	0
70	The genetic and evolutionary balances in human NK cell receptor diversity. Seminars in Immunology, 2008, 20, 311-316.	2.7	90
71	Synergistic Polymorphism at Two Positions Distal to the Ligand-Binding Site Makes KIR2DL2 a Stronger Receptor for HLA-C Than KIR2DL3. Journal of Immunology, 2008, 180, 3969-3979.	0.4	350
72	Polymorphic Sites Away from the Bw4 Epitope That Affect Interaction of Bw4+ HLA-B with KIR3DL1. Journal of Immunology, 2008, 181, 6293-6300.	0.4	60

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73	Diverse human NK cell repertoires of polymorphic MHCâ€specific inhibitory receptor expression are structured by strength of receptorâ€ligand interactions towards equilibrium of missingâ€self response. FASEB Journal, 2008, 22, 550-550.	0.2	0
74	Taking license with natural killer cell maturation and repertoire development. Immunological Reviews, 2006, 214, 155-160.	2.8	95
75	Roles for HLA and KIR polymorphisms in natural killer cell repertoire selection and modulation of effector function. Journal of Experimental Medicine, 2006, 203, 633-645.	4.2	483
76	KIR Ligand Absence in Recipients of Unrelated Donor (URD) Allogeneic Hematopoietic Cell Transplantation (HCT) Is Associated with Less Relapse and Increased Graft Versus Host Disease (GVHD).. Blood, 2006, 108, 171-171.	0.6	4
77	MHC class I molecules and kirs in human history, health and survival. Nature Reviews Immunology, 2005, 5, 201-214.	10.6	1,019
78	Putting a Face to MHC Restriction. Journal of Immunology, 2005, 174, 3-5.	0.4	20
79	KIR3DL1 Polymorphisms That Affect NK Cell Inhibition by HLA-Bw4 Ligand. Journal of Immunology, 2005, 175, 5222-5229.	0.4	192
80	Immunogenetics of killer cell immunoglobulin-like receptors. Molecular Immunology, 2005, 42, 459-462.	1.0	80
81	Influence of KIR Diversity on Human Immunity. , 2005, 560, 47-50.		37
82	NK Cells and Trophoblasts. Journal of Experimental Medicine, 2004, 200, 951-955.	4.2	178
83	Killer cell immunoglobulin-like receptor diversity: balancing signals in the natural killer cell response. Immunology Letters, 2004, 92, 11-13.	1.1	64
84	IMMUNOLOGY: NK Cells Lose Their Inhibition. Science, 2004, 305, 786-787.	6.0	49
85	Innate immunity: The unsung heroes. Nature, 2003, 423, 20-20.	13.7	47
86	Alloreactive killer cells: hindrance and help for haematopoietic transplants. Nature Reviews Immunology, 2003, 3, 108-122.	10.6	150
87	Conserved organization of the ILT / LIR gene family within the polymorphic human leukocyte receptor complex. Immunogenetics, 2001, 53, 270-278.	1.2	39
88	Species-specific evolution ofMHCclass I genes in the higher primates. Immunological Reviews, 2001, 183, 41-64.	2.8	158
89	Distinguishing recombination and intragenic gene conversion by linkage disequilibrium patterns. Genetical Research, 2000, 75, 61-73.	0.3	28
90	Genes encoding human killer-cell Ig-like receptors with D1 and D2 extracellular domains all contain untranslated pseudoexons encoding a third Ig-like domain. Immunogenetics, 2000, 51, 639-646.	1.2	40

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91	Nomenclature for Factors of the HLA System, 1998. Vox Sanguinis, 1999, 77, 164-191.	0.7	6
92	Soaring costs in defence. Nature, 1999, 401, 870-871.	13.7	12
93	Phylogenetic relationships of the callitrichinae (Platyrrhini, Primates) based on ?2-microglobulin DNA sequences. American Journal of Primatology, 1999, 48, 225-236.	0.8	51
94	Nomenclature for Factors of the HLA System, 1998. , 1999, 77, 164.		2
95	CK-1, a putative chemokine of rainbow trout (Oncorhynchus mykiss). Immunological Reviews, 1998, 166, 341-348.	2.8	113
96	Comparative gene assignment in Ateles paniscus chamek (Platyrrhini, Primates) and man: association of three separate human syntenic groups and evolutionary considerations. Chromosoma, 1998, 107, 73-79.	1.0	7
97	The influence of exogenous peptide on Î² 2 -microglobulin exchange in the HLA complex: analysis in real-time. Immunogenetics, 1998, 48, 98-107.	1.2	9
98	Putting a hold on â€˜HLAâ€“Hâ€™. Nature Genetics, 1997, 15, 234-235.	9.4	59
99	Cw * 1701 defines a divergent African HLA-C allelic lineage. Immunogenetics, 1997, 46, 173-180.	1.2	9
100	Characterization of chimpanzee TCRV gene polymorphism: how old are human TCRV alleles?. Immunogenetics, 1997, 47, 115-123.	1.2	9
101	Evolution of MHC class I genes in higher primates. Immunology and Cell Biology, 1996, 74, 349-356.	1.0	28
102	Pictures of MHC restriction. Nature, 1996, 384, 109-110.	13.7	14
103	Killer Cell Inhibitory Receptor Recognition of Human Leukocyte Antigen (HLA) Class I Blocks Formation of a pp36/PLC-Î³ Signaling Complex in Human Natural Killer (NK) Cells. Journal of Experimental Medicine, 1996, 184, 2243-2250.	4.2	123
104	Antigen Presentation By Class I Major Histocompatibility Complex Molecules: A Context for Thinking About HLAâ€¢. American Journal of Reproductive Immunology, 1995, 34, 10-19.	1.2	37
105	HLA Class I nucleotide sequences, 1995. Tissue Antigens, 1995, 46, 217-257.	1.0	132
106	The duck's dilemma. Nature, 1995, 374, 16-17.	13.7	17
107	The enigma of the natural killer cell. Nature, 1995, 378, 245-248.	13.7	237
108	The Origins of HLA-A,B,C Polymorphism. Immunological Reviews, 1995, 143, 141-180.	2.8	279

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109	Chewing the fat. Nature, 1994, 372, 615-616.	13.7	9
110	Clathrin: Its Role in Receptor-Mediated Vesicular Transport and Specialized Functions in Neurons. Critical Reviews in Biochemistry and Molecular Biology, 1993, 28, 431-464.	2.3	82
111	Playing upon both sides. Nature, 1992, 359, 19-20.	13.7	3
112	Defence cuts begin to bite. Nature, 1992, 356, 291-292.	13.7	9
113	Flying the first class flag. Nature, 1992, 357, 193-194.	13.7	31
114	The box and the rod. Nature, 1992, 357, 538-539.	13.7	6
115	Deconstructing the MHC. Nature, 1992, 360, 300-301.	13.7	18
116	A ribosomal proteinâ€like sequence in the 3â€™ultranslated region of the HLAâ€F gene. Tissue Antigens, 1992, 40, 250-253.	1.0	1
117	Making just the right match. Nature, 1991, 350, 111-112.	13.7	5
118	Half of a peptide pump. Nature, 1991, 351, 271-272.	13.7	21
119	The case of the wonky mouse. Nature, 1991, 353, 503-504.	13.7	8
120	The HLAâ€Bw75 subtype of B15: Molecular characterization and comparison with crossreacting antigens. Tissue Antigens, 1991, 38, 186-190.	1.0	28
121	Protein instruction. Nature, 1990, 345, 122-122.	13.7	1
122	A diversity of diabetes. Nature, 1990, 345, 662-664.	13.7	22
123	Peptide feeding and cellular cookery. Nature, 1990, 346, 793-794.	13.7	24
124	T cells or T shirts?. Nature, 1990, 347, 589-590.	13.7	0
125	Transporters of delight. Nature, 1990, 348, 674-675.	13.7	122
126	Intolerable secretion in tolerant transgenic mice. Nature, 1988, 333, 500-503.	13.7	45

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127	HLA-A and B polymorphisms predate the divergence of humans and chimpanzees. Nature, 1988, 335, 268-271.	13.7	362
128	Inhibition of alloreactive cytotoxic T lymphocytes by peptides from the Î±2 domain of HLAâ€“A2. Nature, 1987, 325, 625-628.	13.7	150
129	Localization of clathrin light-chain sequences mediating heavy-chain binding and coated vesicle diversity. Nature, 1987, 326, 203-205.	13.7	64
130	HLA-A2 peptides can regulate cytolysis by human allogeneic T lymphocytes. Nature, 1987, 330, 763-765.	13.7	135
131	Monoclonal antibodies against two separate alloantigenic sites of HLA-1340. Immunogenetics, 1981, 13, 509-527.	1.2	77