Jianming Tang

List of Publications by Year
in descending order

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124 papers	4,765 citations	117625 34 h-index	110387 64 g-index
132 all docs	132 docs citations	132 times ranked	5287 citing authors

#	Article	IF	Citations
1	Therapeutic DNA Vaccines against HPV-Related Malignancies: Promising Leads from Clinical Trials. Viruses, 2022, 14, 239.	3.3	18
2	Cross-reactivity of glycan-reactive HIV-1 broadly neutralizing antibodies with parasite glycans. Cell Reports, 2022, 38, 110611.	6.4	3
3	Cohort Profile: IAVIâ€™s HIV epidemiology and early infection cohort studies in Africa to support vaccine discovery. International Journal of Epidemiology, 2021, 50, 29-30.	1.9	11
4	Comprehensive epitope mapping using polyclonally expanded human CD8 T cells and a two-step ELISpot assay for testing large peptide libraries. Journal of Immunological Methods, 2021, 491, 112970.	1.4	8
5	Immunogenetic determinants of heterosexual HIV-1 transmission: key findings and lessons from two distinct African cohorts. Genes and Immunity, 2021, 22, 65-74.	4.1	0
6	HLA-Eâ€“restricted HIV-1â€“specific CD8+ T cell responses in natural infection. Journal of Clinical Investigation, 2021, 131, .	8.2	12
7	Rates and Correlates of Incident Type 2 Diabetes Mellitus Among Persons Living With HIV-1 Infection. Frontiers in Endocrinology, 2020, 11, 555401.	3.5	4
8	Identifying the immune interactions underlying HLA class I disease associations. ELife, 2020, 9, .	6.0	17
9	Protective HLA alleles are associated with reduced LPS levels in acute HIV infection with implications for immune activation and pathogenesis. PLoS Pathogens, 2019, 15, e1007981.	4.7	7
10	Control of the HIV-1 Load Varies by Viral Subtype in a Large Cohort of African Adults With Incident HIV-1 Infection. Journal of Infectious Diseases, 2019, 220, 432-441.	4.0	15
11	HLA-DQB1*06 is a risk marker for chlamydia reinfection in African American women. Genes and Immunity, 2019, 20, 69-73.	4.1	10
12	Immunogenetic factors in early immune control of human immunodeficiency virus type 1 (HIV-1) infection: Evaluation of HLA class I amino acid variants in two African populations. Human Immunology, 2018, 79, 166-171.	2.4	1
13	Fc-gamma receptor IIA and IIIA variants in two African cohorts: Lack of consistent impact on heterosexual HIV acquisition, viral control, and disease progression. Virology, 2018, 525, 132-142.	2.4	3
14	Herpes Zoster in Persons Living with HIV-1 Infection: Viremia and Immunological Defects Are Strong Risk Factors in the Era of Combination Antiretroviral Therapy. Frontiers in Public Health, 2018, 6, 70.	2.7	8
15	Brief Report. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 493-497.	2.1	2
16	Balance between transmitted HLA preadapted and nonassociated polymorphisms is a major determinant of HIV-1 disease progression. Journal of Experimental Medicine, 2016, 213, 2049-2063.	8.5	30
17	Dynamics and Correlates of CD8 T-Cell Counts in Africans with Primary Human Immunodeficiency Virus Type 1 Infection. Journal of Virology, 2016, 90, 10423-10430.	3.4	2
18	Broadly Neutralizing Antibody Responses in a Large Longitudinal Sub-Saharan HIV Primary Infection Cohort. PLoS Pathogens, 2016, 12, e1005369.	4.7	241

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19	CD4:CD8 lymphocyte ratio as a quantitative measure of immunologic health in HIV-1 infection: findings from an African cohort with prospective data. Frontiers in Microbiology, 2015, 6, 670.	3.5	12
20	Transmitted Virus Fitness and Host T Cell Responses Collectively Define Divergent Infection Outcomes in Two HIV-1 Recipients. PLoS Pathogens, 2015, 11, e1004565.	4.7	44
21	Imputation of class <scp>I</scp> and <scp>II HLA</scp> loci using highâ€density <scp>SNP</scp>s from <scp>I</scp>mmuno<scp>C</scp>hip and their associations with <scp>K</scp>awasaki disease in familyâ€based study. International Journal of Immunogenetics, 2015, 42, 140-146.	1.8	14
22	Immunogenetic influences on acquisition of HIV-1 infection: consensus findings from two African cohorts point to an enhancer element in IL19 (1q32.2). Genes and Immunity, 2015, 16, 213-220.	4.1	2
23	Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4 ⁺ T cells, and disease progression. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E1480-9.	7.1	87
24	HLA Class-II Associated HIV Polymorphisms Predict Escape from CD4+ T Cell Responses. PLoS Pathogens, 2015, 11, e1005111.	4.7	20
25	Protective HLA Alleles Reduce Markers of Gut Damage and Microbial Translocation and Preserve the Cellular Immune Response during Acute HIV-1 Infection. AIDS Research and Human Retroviruses, 2014, 30, A39-A39.	1.1	0
26	HIV Replicative Capacity of Transmitted Viruses Is Associated with Early Immune Activation, Exhaustion and Establishment of the Viral Reservoir. AIDS Research and Human Retroviruses, 2014, 30, A56-A57.	1.1	0
27	Mitochondrial DNA variation and virologic and immunological HIV outcomes in African Americans. Aids, 2014, 28, 1871-1878.	2.2	1
28	Dynamics of viremia in primary HIV-1 infection in Africans: Insights from analyses of host and viral correlates. Virology, 2014, 449, 254-262.	2.4	13
29	Selection bias at the heterosexual HIV-1 transmission bottleneck. Science, 2014, 345, 1254031.	12.6	225
30	African Early Infection Cohort as a Platform for Vaccine Discovery: The IAVI Protocol C Experience. AIDS Research and Human Retroviruses, 2014, 30, A31-A31.	1.1	0
31	Host genetics and immune control of HIV-1 infection: fine mapping for the extended human MHC region in an African cohort. Genes and Immunity, 2014, 15, 275-281.	4.1	9
32	Host genetics and viral load in primary HIV-1 infection: clear evidence for gene by sex interactions. Human Genetics, 2014, 133, 1187-1197.	3.8	10
33	KIR2DS4 Promotes HIV-1 Pathogenesis: New Evidence from Analyses of Immunogenetic Data and Natural Killer Cell Function. PLoS ONE, 2014, 9, e99353.	2.5	28
34	Recent Advances in Research of HIV Infection: Implications of Viral and Host Genetics on Treatment and Prevention. Public Health Genomics, 2013, 16, 31-36.	1.0	7
35	Variants in interleukin family of cytokines genes influence clearance of high risk HPV in HIV-1 coinfected Africanâ€“American adolescents. Human Immunology, 2013, 74, 1696-1700.	2.4	9
36	Cumulative Impact of Host and Viral Factors on HIV-1 Viral-Load Control during Early Infection. Journal of Virology, 2013, 87, 708-715.	3.4	49

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37	HLA-B*57 versus HLA-B*81 in HIV-1 Infection: Slow and Steady Wins the Race?. Journal of Virology, 2013, 87, 4043-4051.	3.4	21
38	Dimorphic HLA-B signal peptides differentially influence HLA-E- and natural killer cell-mediated cytolysis of HIV-1-infected target cells. Clinical and Experimental Immunology, 2013, 174, 414-423.	2.6	36
39	Genetic associations with 25-hydroxyvitamin D deficiency in HIV-1-infected youth: fine-mapping for the GC/DBP gene that encodes the vitamin D-binding protein. Frontiers in Genetics, 2013, 4, 234.	2.3	5
40	Genomic Copy Number Variants: Evidence for Association with Antibody Response to Anthrax Vaccine Adsorbed. PLoS ONE, 2013, 8, e64813.	2.5	8
41	HIVâ€“1 Dynamics: A Reappraisal of Host and Viral Factors, as well as Methodological Issues. Viruses, 2012, 4, 2080-2096.	3.3	10
42	Genetic variations and heterosexual HIV-1 infection: analysis of clustered genes encoding CC-motif chemokine ligands. Genes and Immunity, 2012, 13, 202-205.	4.1	7
43	Protocol for Analyzing Human Leukocyte Antigen Variants and Sexually Transmitted Infections: From Genotyping to Immunoassays. Methods in Molecular Biology, 2012, 903, 359-380.	0.9	7
44	Toll-like receptor gene variants associated with bacterial vaginosis among HIV-1 infected adolescents. Journal of Reproductive Immunology, 2012, 96, 84-89.	1.9	24
45	A genome-wide association study of host genetic determinants of the antibody response to Anthrax Vaccine Adsorbed. Vaccine, 2012, 30, 4778-4784.	3.8	24
46	Impact of transmitted CTL escape mutations on replicative capacity and HIV pathogenesis in early infection. Retrovirology, 2012, 9, .	2.0	0
47	Dynamics and frequency of Gag transmitted polymorphisms in Zambia. Retrovirology, 2012, 9, .	2.0	0
48	HLA-B Signal Peptide Polymorphism Influences the Rate of HIV-1 Acquisition but Not Viral Load. Journal of Infectious Diseases, 2012, 205, 1797-1805.	4.0	33
49	The influence of human leukocyte antigen class I alleles and their population frequencies on human immunodeficiency virus type 1 control among African Americans. Human Immunology, 2011, 72, 312-318.	2.4	29
50	Disparate Associations of HLA Class I Markers with HIV-1 Acquisition and Control of Viremia in an African Population. PLoS ONE, 2011, 6, e23469.	2.5	21
51	The role of HLAâ€“DRâ€“DQ haplotypes in variable antibody responses to Anthrax Vaccine Adsorbed. Genes and Immunity, 2011, 12, 457-465.	4.1	37
52	Association of chemokine receptor gene (CCR2-CCR5) haplotypes with acquisition and control of HIV-1 infection in Zambians. Retrovirology, 2011, 8, 22.	2.0	25
53	Impact of a Functional KIR2DS4 Allele on Heterosexual HIV-1 Transmission among Discordant Zambian Couples. Journal of Infectious Diseases, 2011, 203, 487-495.	4.0	47
54	Human Leukocyte Antigen Variants B*44 and B*57 Are Consistently Favorable during Two Distinct Phases of Primary HIV-1 Infection in Sub-Saharan Africans with Several Viral Subtypes. Journal of Virology, 2011, 85, 8894-8902.	3.4	25

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55	Identification of Three Immunologic Correlates for HIV Type 1 Pathogenesis in Youth. AIDS Research and Human Retroviruses, 2011, 27, 639-646.	1.1	6
56	Interleukin-21-Producing HIV-1-Specific CD8 T Cells Are Preferentially Seen in Elite Controllers. Journal of Virology, 2011, 85, 2316-2324.	3.4	81
57	Killer immunoglobulin-like receptor genes and heterosexual HIV-1 transmission. Retrovirology, 2010, 7, .	2.0	0
58	Human Leukocyte Antigens and HIV Type 1 Viral Load in Early and Chronic Infection: Predominance of Evolving Relationships. PLoS ONE, 2010, 5, e9629.	2.5	36
59	Interleukin-10 (IL-10) Pathway: Genetic Variants and Outcomes of HIV-1 Infection in African American Adolescents. PLoS ONE, 2010, 5, e13384.	2.5	18
60	CD8 T cell response and evolutionary pressure to HIV-1 cryptic epitopes derived from antisense transcription. Journal of Experimental Medicine, 2010, 207, 51-59.	8.5	69
61	Human Leukocyte Antigen Class I Supertypes and HIV-1 Control in African Americans. Journal of Virology, 2010, 84, 2610-2617.	3.4	32
62	Genetic Epidemiology of Glioblastoma Multiforme: Confirmatory and New Findings from Analyses of Human Leukocyte Antigen Alleles and Motifs. PLoS ONE, 2009, 4, e7157.	2.5	29
63	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703â€“positive individuals and their transmission recipients. Journal of Experimental Medicine, 2009, 206, 909-921.	8.5	165
64	Host genetics and HIV-1 viral load set-point in Africanâ€“Americans. Aids, 2009, 23, 673-677.	2.2	31
65	Clear and independent associations of several HLA-DRB1 alleles with differential antibody responses to hepatitis B vaccination in youth. Human Genetics, 2009, 126, 685-696.	3.8	30
66	Adaptation of HIV-1 to human leukocyte antigen class I. Nature, 2009, 458, 641-645.	27.8	408
67	Gene copy number: learning to count past two. Nature Medicine, 2009, 15, 1127-1129.	30.7	19
68	OA06-03. Dynamics of CTL epitope escape and reversion in an African subtype C cohort. Retrovirology, 2009, 6, .	2.0	1
69	The Major Histocompatibility Complex Conserved Extended Haplotype 8.1 in AIDS-Related Non-Hodgkin Lymphoma. Journal of Acquired Immune Deficiency Syndromes (1999), 2009, 52, 170-179.	2.1	19
70	Predictors of Suboptimal Virologic Response to Highly Active Antiretroviral Therapy Among Human Immunodeficiency Virusâ€“Infected Adolescents. JAMA Pediatrics, 2009, 163, 1100-5.	3.0	35
71	Transmission of HIV-1 Gag immune escape mutations is associated with reduced viral load in linked recipients. Journal of Experimental Medicine, 2008, 205, 1009-1017.	8.5	203
72	Human Leukocyte Antigen Class I Genotypes in Relation to Heterosexual HIV Type 1 Transmission within Discordant Couples. Journal of Immunology, 2008, 181, 2626-2635.	0.8	44

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73	Immunogenetic Correlates of Neisseria gonorrhoeae Infection in Adolescents. Sexually Transmitted Diseases, 2008, 35, 656-661.	1.7	12
74	Haplotype inference for presentâ€“absent genotype data using previously identified haplotypes and haplotype patterns. Bioinformatics, 2007, 23, 2399-2406.	4.1	23
75	Interleukin-10 Gene (IL10) Polymorphisms and Human Papillomavirus Clearance among Immunosuppressed Adolescents. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1626-1632.	2.5	36
76	Immunological control of chronic HIV-1 infection: HLA-mediated immune function and viral evolution in adolescents. Aids, 2007, 21, 2387-2397.	2.2	32
77	CCL3L1 and CCL4L1: variable gene copy number in adolescents with and without human immunodeficiency virus type 1 (HIV-1) infection. Genes and Immunity, 2007, 8, 224-231.	4.1	50
78	Tight linkage disequilibrium between HLA-G and HLA-A alleles in native africans. Human Immunology, 2006, 67, S118.	2.4	4
79	Interleukin 18 and human immunodeficiency virus type I infection in adolescents and adults. Clinical and Experimental Immunology, 2006, 144, 117-124.	2.6	28
80	Conserved extended haplotypes of the major histocompatibility complex: further characterization. Genes and Immunity, 2006, 7, 450-467.	4.1	66
81	Cohort- and time-specific associations of CTLA4 genotypes with HIV-1 disease progression. Aids, 2006, 20, 1583-1590.	2.2	6
82	Human Leukocyte Antigen B58 Supertype and Human Immunodeficiency Virus Type 1 Infection in Native Africans. Journal of Virology, 2006, 80, 6056-6060.	3.4	60
83	Interleukin (IL)-2 and IL-12 responses to Chlamydia trachomatis infection in adolescents. Clinical and Experimental Immunology, 2005, 142, 051006055454006.	2.6	25
84	HLA-B, -DRB1/3/4/5, and -DQB1 gene polymorphisms in human immunodeficiency virus-related Kaposi's sarcoma. Journal of Medical Virology, 2005, 76, 302-310.	5.0	26
85	Association between Human Leukocyte Antigen Class II Alleles and Genotype ofBorrelia burgdorferiin Patients with Early Lyme Disease. Journal of Infectious Diseases, 2005, 192, 2020-2026.	4.0	7
86	A Caseâ€Control Study to Examine HLA Haplotype Associations in Patients with Posttreatment Chronic Lyme Disease. Journal of Infectious Diseases, 2005, 192, 1010-1013.	4.0	14
87	Positive and Negative Associations of Human Leukocyte Antigen Variants with the Onset and Prognosis of Adult Glioblastoma Multiforme. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2040-2044.	2.5	50
88	Human Leukocyte Antigen and Cytokine Gene Variants as Predictors of RecurrentChlamydia trachomatisInfection in Highâ€Risk Adolescents. Journal of Infectious Diseases, 2005, 191, 1084-1092.	4.0	44
89	HLAâ€ÐRB1andâ€ÐQB1Alleles and Haplotypes in Zambian Couples and Their Associations with Heterosexual Transmission of HIV Type 1. Journal of Infectious Diseases, 2004, 189, 1696-1704.	4.0	31
90	Cytokine and Chemokine Gene Polymorphisms Among Ethnically Diverse North Americans With HIV-1 Infection. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 35, 446-454.	2.1	37

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91	HLA Allele Sharing and HIV Type 1 Viremia in Seroconverting Zambians with Known Transmitting Partners. AIDS Research and Human Retroviruses, 2004, 20, 19-25.	1.1	52
92	Epidemiological and Genetic Correlates of IncidentChlamydia trachomatisInfection in North American Adolescents. Journal of Infectious Diseases, 2004, 190, 1723-1729.	4.0	27
93	Molecular typing of human leukocyte antigen and related polymorphisms following whole genome amplification. Tissue Antigens, 2004, 64, 286-292.	1.0	24
94	Pharmacogenomic perspectives of chronic hepatitis C virus (HCV) infection. Pharmacogenomics Journal, 2004, 4, 171-174.	2.0	8
95	HLA and cytokine gene polymorphisms are independently associated with responses to hepatitis B vaccination. Hepatology, 2004, 39, 978-988.	7.3	168
96	Transmission of HIV-1 and HLA-B allele-sharing within serodiscordant heterosexual Zambian couples. Lancet, The, 2004, 363, 2137-2139.	13.7	56
97	Influence of Human Leukocyte Antigenâ€“B22 Alleles on the Course of Human Immunodeficiency Virus Type 1 Infection in 3 Cohorts of White Men. Journal of Infectious Diseases, 2003, 188, 856-863.	4.0	33
98	Association ofCTLA4Polymorphisms with Sustained Response to Interferon and Ribavirin Therapy for Chronic Hepatitis C Virus Infection. Journal of Infectious Diseases, 2003, 187, 1264-1271.	4.0	62
99	The Complexity of HLA Class II (DRB1, DQB1, DM) Associations With Disseminated Mycobacterium Avium Complex Infection Among HIV-1â€“Seropositive Whites. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 140-145.	2.1	11
100	Cross-Reactive CD8+ T Cell Epitopes Identified in US Adolescent Minorities. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 426-438.	2.1	33
101	The impact of host genetics on HIV infection and disease progression in the era of highly active antiretroviral therapy. Aids, 2003, 17, S51-S60.	2.2	42
102	Polymorphic chemokine receptor and ligand genes in HIV infection. , 2003, , 185-220.		0
103	Favorable and Unfavorable HLA Class I Alleles and Haplotypes in Zambians Predominantly Infected with Clade C Human Immunodeficiency Virus Type 1. Journal of Virology, 2002, 76, 8276-8284.	3.4	137
104	CCR2andCCR5Genotypes in HIV Type 1-Infected Adolescents: Limited Contributions to Variability in Plasma HIV Type 1 RNA Concentration in the Absence of Antiretroviral Therapy. AIDS Research and Human Retroviruses, 2002, 18, 403-412.	1.1	18
105	Distribution of Chemokine Receptor CCR2 and CCR5 Genotypes and Their Relative Contribution to Human Immunodeficiency Virus Type 1 (HIV-1) Seroconversion, Early HIV-1 RNA Concentration in Plasma, and Later Disease Progression. Journal of Virology, 2002, 76, 662-672.	3.4	90
106	Host genetic profiles predict virological and immunological control of HIV-1 infection in adolescents. Aids, 2002, 16, 2275-2284.	2.2	58
107	C-C Chemokine Receptor 2 and C-C Chemokine Receptor 5 Genotypes in Patients Treated for Chronic Hepatitis C Virus Infection. Immunologic Research, 2002, 26, 167-176.	2.9	13
108	Novel alleles at the lymphotoxin alpha (LTÎ±) locus mark extended HLA haplotypes in native Africans. Human Immunology, 2001, 62, 269-278.	2.4	4

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109	TAPI polymorphisms in several human ethnic groups: characteristics, evolution, and genotyping strategies. Human Immunology, 2001, 62, 256-268.	2.4	17
110	Interleukin 10 polymorphisms as predictors of sustained response in antiviral therapy for chronic hepatitis C infection. Hepatology, 2001, 33, 708-712.	7.3	173
111	Polymorphisms in HLA Class I Genes Associated with both Favorable Prognosis of Human Immunodeficiency Virus (HIV) Type 1 Infection and Positive Cytotoxic T-Lymphocyte Responses to ALVAC-HIV Recombinant Canarypox Vaccines. Journal of Virology, 2001, 75, 8681-8689.	3.4	101
112	Characteristics of HLA Class I and Class II Polymorphisms in Rwandan Women. Experimental and Clinical Immunogenetics, 2000, 17, 185-198.	1.2	29
113	Identification of bloodmeals in haematophagous Diptera by cytochrome B heteroduplex analysis. Medical and Veterinary Entomology, 1999, 13, 282-287.	1.5	163
114	HLA Class I Homozygosity Accelerates Disease Progression in Human Immunodeficiency Virus Type 1 Infection. AIDS Research and Human Retroviruses, 1999, 15, 317-324.	1.1	167
115	HLA-B*5703 independently associated with slower HIV-1 disease progression in Rwandan women. Aids, 1999, 13, 1990.	2.2	95
116	Genetic variation in North American black flies in the subgenus Psilopelmia (Simulium: Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	1.0	6
117	Genetic variation in North American black flies in the subgenus Psilopelmia (Simulium:) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	5
118	Vector-parasite transmission complexes for onchocerciasis in West Africa. Lancet, The, 1997, 349, 163-166.	13.7	35
119	Heteroduplex analysis in medical entomology: A rapid and sensitive sequence-based tool for population and phylogenetic studies. Parasitology Today, 1997, 13, 271-274.	3.0	17
120	Molecular phytogeny and typing of blackflies (Diptera: Simuliidae) that serve as vectors of human or bovine onchocerciasis. Medical and Veterinary Entomology, 1996, 10, 228-234.	1.5	20
121	Genotyping North American black flies by means of mitochondrial ribosomal RNA sequences. Canadian Journal of Zoology, 1996, 74, 39-46.	1.0	15
122	Phenotypes of Heligmosomoides polygyrus Selected to Survive Protective Immunity in Quackenbush Mice. Journal of Parasitology, 1995, 81, 900.	0.7	5
123	Antigens in phenotypes of Heligmosomoides polygyrus raised selectively from different strains of mice. International Journal for Parasitology, 1995, 25, 847-852.	3.1	10
124	Mitochondrial alleles of Simulium damnosum sensu lato infected with Onchocerca volvulus. International Journal for Parasitology, 1995, 25, 1251-1254.	3.1	13