## Jianming Tang

List of Publications by Year in descending order

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

#	Article	IF	CITATIONS
1	Adaptation of HIV-1 to human leukocyte antigen class I. Nature, 2009, 458, 641-645.	27.8	408
2	Broadly Neutralizing Antibody Responses in a Large Longitudinal Sub-Saharan HIV Primary Infection Cohort. PLoS Pathogens, 2016, 12, e1005369.	4.7	241
3	Selection bias at the heterosexual HIV-1 transmission bottleneck. Science, 2014, 345, 1254031.	12.6	225
4	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
5	Interleukin 10 polymorphisms as predictors of sustained response in antiviral therapy for chronic hepatitis C infection. Hepatology, 2001, 33, 708-712.	7.3	173
6	HLA and cytokine gene polymorphisms are independently associated with responses to hepatitis B vaccination. Hepatology, 2004, 39, 978-988.	7.3	168
7	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
8	Evolution of HLA-B*5703 HIV-1 escape mutations in HLA-B*5703–positive individuals and their transmission recipients. Journal of Experimental Medicine, 2009, 206, 909-921.	8.5	165
9	Identification of bloodmeals in haematophagous Diptera by cytochrome B heteroduplex analysis. Medical and Veterinary Entomology, 1999, 13, 282-287.	1.5	163
10	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
11	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
12	HLA-B*5703 independently associated with slower HIV-1 disease progression in Rwandan women. Aids, 1999, 13, 1990.	2.2	95
13	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
14	Replicative fitness of transmitted HIV-1 drives acute immune activation, proviral load in memory CD4 <sup>+</sup> 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
15	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
16	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
17	Conserved extended haplotypes of the major histocompatibility complex: further characterization. Genes and Immunity, 2006, 7, 450-467.	4.1	66
18	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

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19	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
20	Host genetic profiles predict virological and immunological control of HIV-1 infection in adolescents. Aids, 2002, 16, 2275-2284.	2.2	58
21	Transmission of HIV-1 and HLA-B allele-sharing within serodiscordant heterosexual Zambian couples. Lancet, The, 2004, 363, 2137-2139.	13.7	56
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	The role of HLA–DR–DQ haplotypes in variable antibody responses to Anthrax Vaccine Adsorbed. Genes and Immunity, 2011, 12, 457-465.	4.1	37
33	Interleukin-10 Gene ( <i>IL10</i> ) Polymorphisms and Human Papillomavirus Clearance among Immunosuppressed Adolescents. Cancer Epidemiology Biomarkers and Prevention, 2007, 16, 1626-1632.	2.5	36
34	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
35	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
36	Vector-parasite transmission complexes for onchocerciasis in West Africa. Lancet, The, 1997, 349, 163-166.	13.7	35

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37	Predictors of Suboptimal Virologic Response to Highly Active Antiretroviral Therapy Among Human Immunodeficiency Virus–Infected Adolescents. JAMA Pediatrics, 2009, 163, 1100-5.	3.0	35
38	Influence of Human Leukocyte Antigen–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
39	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
40	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
41	Immunological control of chronic HIV-1 infection: HLA-mediated immune function and viral evolution in adolescents. Aids, 2007, 21, 2387-2397.	2.2	32
42	Human Leukocyte Antigen Class I Supertypes and HIV-1 Control in African Americans. Journal of Virology, 2010, 84, 2610-2617.	3.4	32
43	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
44	Host genetics and HIV-1 viral load set-point in African–Americans. Aids, 2009, 23, 673-677.	2.2	31
45	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
46	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
47	Characteristics of HLA Class I and Class II Polymorphisms in Rwandan Women. Experimental and Clinical Immunogenetics, 2000, 17, 185-198.	1.2	29
48	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
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	Interleukin 18 and human immunodeficiency virus type I infection in adolescents and adults. Clinical and Experimental Immunology, 2006, 144, 117-124.	2.6	28
51	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
52	Epidemiological and Genetic Correlates of IncidentChlamydia trachomatisInfection in North American Adolescents. Journal of Infectious Diseases, 2004, 190, 1723-1729.	4.0	27
53	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
54	Interleukin (IL)-2 and IL-12 responses to Chlamydia trachomatis infection in adolescents. Clinical and Experimental Immunology, 2005, 142, 051006055454006.	2.6	25

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55	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
56	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
57	Molecular typing of human leukocyte antigen and related polymorphisms following whole genome amplification. Tissue Antigens, 2004, 64, 286-292.	1.0	24
58	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
59	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
60	Haplotype inference for present–absent genotype data using previously identified haplotypes and haplotype patterns. Bioinformatics, 2007, 23, 2399-2406.	4.1	23
61	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
62	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
63	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
64	HLA Class-II Associated HIV Polymorphisms Predict Escape from CD4+ T Cell Responses. PLoS Pathogens, 2015, 11, e1005111.	4.7	20
65	Gene copy number: learning to count past two. Nature Medicine, 2009, 15, 1127-1129.	30.7	19
66	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
67	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
68	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
69	Therapeutic DNA Vaccines against HPV-Related Malignancies: Promising Leads from Clinical Trials. Viruses, 2022, 14, 239.	3.3	18
70	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
71	TAPI polymorphisms in several human ethnic groups: characteristics, evolution, and genotyping strategies. Human Immunology, 2001, 62, 256-268.	2.4	17
72	Identifying the immune interactions underlying HLA class I disease associations. ELife, 2020, 9, .	6.0	17

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73	Genotyping North American black flies by means of mitochondrial ribosomal RNA sequences. Canadian Journal of Zoology, 1996, 74, 39-46.	1.0	15
74	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
75	A Case ontrol Study to Examine HLA Haplotype Associations in Patients with Posttreatment Chronic Lyme Disease. Journal of Infectious Diseases, 2005, 192, 1010-1013.	4.0	14
76	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
77	Mitochondrial alleles of Simulium damnosum sensu lato infected with Onchocerca volvulus. International Journal for Parasitology, 1995, 25, 1251-1254.	3.1	13
78	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
79	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
80	Immunogenetic Correlates of Neisseria gonorrhoeae Infection in Adolescents. Sexually Transmitted Diseases, 2008, 35, 656-661.	1.7	12
81	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
82	HLA-E–restricted HIV-1–specific CD8+ T cell responses in natural infection. Journal of Clinical Investigation, 2021, 131, .	8.2	12
83	The Complexity of HLA Class II (DRB1, DQB1, DM) Associations With Disseminated Mycobacterium Avium Complex Infection Among HIV-1–Seropositive Whites. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 140-145.	2.1	11
84	Cohort Profile: IAVI'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
85	Antigens in phenotypes of Heligmosomoides polygyrus raised selectively from different strains of mice. International Journal for Parasitology, 1995, 25, 847-852.	3.1	10
86	HIV–1 Dynamics: A Reappraisal of Host and Viral Factors, as well as Methodological Issues. Viruses, 2012, 4, 2080-2096.	3.3	10
87	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
88	HLA-DQB1*06 is a risk marker for chlamydia reinfection in African American women. Genes and Immunity, 2019, 20, 69-73.	4.1	10
89	Variants in interleukin family of cytokines genes influence clearance of high risk HPV in HIV-1 coinfected African–American adolescents. Human Immunology, 2013, 74, 1696-1700.	2.4	9
90	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

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91	Pharmacogenomic perspectives of chronic hepatitis C virus (HCV) infection. Pharmacogenomics Journal, 2004, 4, 171-174.	2.0	8
92	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
93	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
94	Genomic Copy Number Variants: Evidence for Association with Antibody Response to Anthrax Vaccine Adsorbed. PLoS ONE, 2013, 8, e64813.	2.5	8
95	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
96	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
97	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
98	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
99	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
100	Genetic variation in North American black flies in the subgenus Psilopelmia (Simulium: Diptera:) Tj ETQq0 0 0 rgB	T /Overloc 1.0	k 10 Tf 50 3
101	Cohort- and time-specific associations of CTLA4 genotypes with HIV-1 disease progression. Aids, 2006, 20, 1583-1590.	2.2	6
102	Identification of Three Immunologic Correlates for HIV Type 1 Pathogenesis in Youth. AIDS Research and Human Retroviruses, 2011, 27, 639-646.	1.1	6
103	Phenotypes of Heligmosomoides polygyrus Selected to Survive Protective Immunity in Quackenbush Mice. Journal of Parasitology, 1995, 81, 900.	0.7	5
104	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
105	Genetic variation in North American black flies in the subgenus <i>Psilopelmia</i> ( <i>Simulium</i> :) Tj ETQq1 1	0.784314 1.0	rgBT /Overlo
106	Novel alleles at the lymphotoxin alpha (LTα) locus mark extended HLA haplotypes in native Africans. Human Immunology, 2001, 62, 269-278.	2.4	4
107	Tight linkage disequilibrium between HLA-G and HLA-A alleles in native africans. Human Immunology, 2006, 67, S118.	2.4	4

108Rates and Correlates of Incident Type 2 Diabetes Mellitus Among Persons Living With HIV-1 Infection.<br/>Frontiers in Endocrinology, 2020, 11, 555401.3.54

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109	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
110	Cross-reactivity of glycan-reactive HIV-1 broadly neutralizing antibodies with parasite glycans. Cell Reports, 2022, 38, 110611.	6.4	3
111	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
112	Brief Report. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 493-497.	2.1	2
113	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
114	OA06-03. Dynamics of CTL epitope escape and reversion in an African subtype C cohort. Retrovirology, 2009, 6, .	2.0	1
115	Mitochondrial DNA variation and virologic and immunological HIV outcomes in African Americans. Aids, 2014, 28, 1871-1878.	2.2	1
116	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
117	Polymorphic chemokine receptor and ligand genes in HIV infection. , 2003, , 185-220.		0
118	Killer immunoglobulin-like receptor genes and heterosexual HIV-1 transmission. Retrovirology, 2010, 7,	2.0	0
119	Impact of transmitted CTL escape mutations on replicative capacity and HIV pathogenesis in early infection. Retrovirology, 2012, 9, .	2.0	0
120	Dynamics and frequency of Gag transmitted polymorphisms in Zambia. Retrovirology, 2012, 9, .	2.0	0
121	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
122	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
123	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
124	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