

Theresa L Chang

List of Publications by Year in descending order

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42
papers

1,998
citations

331670

21
h-index

302126

39
g-index

45
all docs

45
docs citations

45
times ranked

2567
citing authors

#	ARTICLE	IF	CITATIONS
1	Defensins in innate antiviral immunity. <i>Nature Reviews Immunology</i> , 2006, 6, 447-456.	22.7	436
2	Dual role of α -defensin-1 in anti-HIV-1 innate immunity. <i>Journal of Clinical Investigation</i> , 2005, 115, 765-773.	8.2	201
3	α -Defensin Inhibits Influenza Virus Replication by Cell-Mediated Mechanism(s). <i>Journal of Infectious Diseases</i> , 2007, 196, 835-843.	4.0	135
4	Multifaceted immune functions of human defensins and underlying mechanisms. <i>Seminars in Cell and Developmental Biology</i> , 2019, 88, 163-172.	5.0	106
5	Dual role of α -defensin-1 in anti-HIV-1 innate immunity. <i>Journal of Clinical Investigation</i> , 2005, 115, 765-773.	8.2	94
6	<i>Neisseria gonorrhoeae</i> -Induced Human Defensins 5 and 6 Increase HIV Infectivity: Role in Enhanced Transmission. <i>Journal of Immunology</i> , 2008, 180, 6176-6185.	0.8	87
7	Influence of the tryptophan-indole-IFN- γ axis on human genital <i>Chlamydia trachomatis</i> infection: role of vaginal co-infections. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 72.	3.9	84
8	Defensins in Viral Infections. <i>Journal of Innate Immunity</i> , 2009, 1, 413-420.	3.8	83
9	Innate immune mediator profiles and their regulation in a novel polarized immortalized epithelial cell model derived from human endocervix. <i>Journal of Reproductive Immunology</i> , 2011, 92, 8-20.	1.9	70
10	Human defensins 5 and 6 enhance HIV-1 infectivity through promoting HIV attachment. <i>Retrovirology</i> , 2011, 8, 45.	2.0	61
11	Modulation of HIV Transmission by <i>Neisseria gonorrhoeae</i> : Molecular and Immunological Aspects. <i>Current HIV Research</i> , 2012, 10, 211-217.	0.5	57
12	<i>Neisseria gonorrhoeae</i> Enhances HIV-1 Infection of Primary Resting CD4+ T Cells through TLR2 Activation. <i>Journal of Immunology</i> , 2010, 184, 2814-2824.	0.8	52
13	Defensins: natural anti-HIV peptides. <i>AIDS Reviews</i> , 2004, 6, 161-8.	1.0	48
14	Differential Effects of Antiseptic Mouth Rinses on SARS-CoV-2 Infectivity In Vitro. <i>Pathogens</i> , 2021, 10, 272.	2.8	43
15	Human Defensins Inhibit SARS-CoV-2 Infection by Blocking Viral Entry. <i>Viruses</i> , 2021, 13, 1246.	3.3	35
16	17 β -Estradiol Protects Primary Macrophages Against HIV Infection Through Induction of Interferon-Alpha. <i>Viral Immunology</i> , 2014, 27, 140-150.	1.3	31
17	Microbiome in Human Immunodeficiency Virus Infection. <i>Clinics in Laboratory Medicine</i> , 2014, 34, 733-745.	1.4	30
18	IFN- μ protects primary macrophages against HIV infection. <i>JCI Insight</i> , 2016, 1, e88255.	5.0	30

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19	Brilacidin Demonstrates Inhibition of SARS-CoV-2 in Cell Culture. <i>Viruses</i> , 2021, 13, 271.	3.3	30
20	Griffithsin and Carrageenan Combination Results in Antiviral Synergy against SARS-CoV-1 and 2 in a Pseudoviral Model. <i>Marine Drugs</i> , 2021, 19, 418.	4.6	29
21	SAMMA, a mandelic acid condensation polymer, inhibits dendritic cell-mediated HIV transmission. <i>FEBS Letters</i> , 2007, 581, 4596-4602.	2.8	26
22	Mucosal Human Defensins 5 and 6 Antagonize the Anti-HIV Activity of Candidate Polyanion Microbicides. <i>Journal of Innate Immunity</i> , 2011, 3, 208-212.	3.8	24
23	Differential effects of depot medroxyprogesterone acetate administration on vaginal microbiome in Hispanic White and Black women. <i>Emerging Microbes and Infections</i> , 2019, 8, 197-210.	6.5	23
24	TLR2 Activation Enhances HIV Nuclear Import and Infection through T Cell Activation-Independent and -Dependent Pathways. <i>Journal of Immunology</i> , 2012, 188, 992-1001.	0.8	17
25	Human Immunodeficiency Viruses Pseudotyped with SARS-CoV-2 Spike Proteins Infect a Broad Spectrum of Human Cell Lines through Multiple Entry Mechanisms. <i>Viruses</i> , 2021, 13, 953.	3.3	17
26	Inhibitory Effect of PRO 2000, a Candidate Microbicide, on Dendritic Cell-Mediated Human Immunodeficiency Virus Transfer. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 1751-1758.	3.2	15
27	Anti-HIV Activity of Human Defensin 5 in Primary CD4+ T Cells under Serum-Deprived Conditions Is a Consequence of Defensin-Mediated Cytotoxicity. <i>PLoS ONE</i> , 2013, 8, e76038.	2.5	15
28	Fast disease progression in simian HIV-infected female macaque is accompanied by a robust local inflammatory innate immune and microbial response. <i>Aids</i> , 2015, 29, F1-F8.	2.2	14
29	Human Alpha-Defensin HNP1 Increases HIV Traversal of the Epithelial Barrier: A Potential Role in STI-Mediated Enhancement of HIV Transmission. <i>Viral Immunology</i> , 2015, 28, 609-615.	1.3	14
30	Differential profiles of immune mediators and in vitro HIV infectivity between endocervical and vaginal secretions from women with <i>Chlamydia trachomatis</i> infection: A pilot study. <i>Journal of Reproductive Immunology</i> , 2013, 99, 80-87.	1.9	13
31	Comprehensive Analysis of Disease Pathology in Immunocompetent and Immunocompromised Hosts following Pulmonary SARS-CoV-2 Infection. <i>Biomedicines</i> , 2022, 10, 1343.	3.2	11
32	Depot medroxyprogesterone acetate administration increases cervical CCR5+CD4+ T cells and induces immunosuppressive milieu at the cervicovaginal mucosa. <i>Aids</i> , 2020, 34, 729-735.	2.2	9
33	Depot Medroxyprogesterone Acetate Administration Alters Immune Markers for HIV Preference and Increases Susceptibility of Peripheral CD4+ T Cells to HIV Infection. <i>ImmunoHorizons</i> , 2017, 1, 223-235.	1.8	9
34	Reactive Oxygen Species in HIV Infection. , 2016, 3, 597-604.		7
35	Key Determinants of Human α -Defensin 5 and 6 for Enhancement of HIV Infectivity. <i>Viruses</i> , 2017, 9, 244.	3.3	6
36	Differential regulation of IFN α , IFN β and IFN γ gene expression in human cervical epithelial cells. <i>Cell and Bioscience</i> , 2017, 7, 57.	4.8	6

#	ARTICLE	IF	CITATIONS
37	Defensins in Viral Infection. ACS Symposium Series, 2012, , 137-171.	0.5	5
38	Human Peritoneal Macrophages From Ascitic Fluid Can be Infected by a Broad Range of HIV-1 Isolates. Journal of Acquired Immune Deficiency Syndromes (1999), 2010, 53, 292-302.	2.1	3
39	3D host cell and pathogen-based bioassay development for testing anti-tuberculosis (TB) drug response and modeling immunodeficiency. Biomolecular Concepts, 2021, 12, 117-128.	2.2	3
40	D-105â€¦Integrin a4b7 expression increases HIV susceptibility in activated cervical CD4+ T cells via an HIV attachment- independent mechanism. Journal of Acquired Immune Deficiency Syndromes (1999), 2016, 71, 54.	2.1	1
41	Book Review Vaccines: Preventing Diseases and Protecting Health. Edited by Ciro A. de Quadros . Pan American Health Organization, Washington, D.C. 412 pp. \$62.. Viral Immunology, 2004, 17, 455-456.	1.3	0
42	ERRÎ³, a new player in the type I IFN arena. Journal of Leukocyte Biology, 2021, 109, 857-859.	3.3	0