

Ganjana Lertmemongkolchai

List of Publications by Year in descending order

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75
papers

2,663
citations

201674

27
h-index

206112

48
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79
all docs

79
docs citations

79
times ranked

3139
citing authors

#	ARTICLE	IF	CITATIONS
1	Bystander Activation of CD8+ T Cells Contributes to the Rapid Production of IFN- γ in Response to Bacterial Pathogens. <i>Journal of Immunology</i> , 2001, 166, 1097-1105.	0.8	275
2	Genomic transcriptional profiling identifies a candidate blood biomarker signature for the diagnosis of septicemic melioidosis. <i>Genome Biology</i> , 2009, 10, R127.	9.6	176
3	A <i>Burkholderia pseudomallei</i> protein microarray reveals serodiagnostic and cross-reactive antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 13499-13504.	7.1	171
4	Human Polymorphonuclear Neutrophil Responses to <i>Burkholderia pseudomallei</i> in Healthy and Diabetic Subjects. <i>Infection and Immunity</i> , 2009, 77, 456-463.	2.2	111
5	Role of T Cells in Innate and Adaptive Immunity against Murine <i>Burkholderia pseudomallei</i> Infection. <i>Journal of Infectious Diseases</i> , 2006, 193, 370-379.	4.0	109
6	Multinucleated Giant Cell Formation and Apoptosis in Infected Host Cells Is Mediated by <i>Burkholderia pseudomallei</i> Type III Secretion Protein BipB. <i>Journal of Bacteriology</i> , 2005, 187, 6556-6560.	2.2	86
7	Neutrophil Extracellular Traps Exhibit Antibacterial Activity against <i>Burkholderia pseudomallei</i> and Are Influenced by Bacterial and Host Factors. <i>Infection and Immunity</i> , 2012, 80, 3921-3929.	2.2	83
8	Interleukin 10 inhibits pro-inflammatory cytokine responses and killing of <i>Burkholderia pseudomallei</i> . <i>Scientific Reports</i> , 2017, 7, 42791.	3.3	63
9	Human Immune Responses to <i>Burkholderia pseudomallei</i> Characterized by Protein Microarray Analysis. <i>Journal of Infectious Diseases</i> , 2011, 203, 1002-1011.	4.0	62
10	1,25-dihydroxyvitamin D ₃ in combination with transforming growth factor- β increases the frequency of Foxp3 ⁺ regulatory T cells through preferential expansion and usage of interleukin-2. <i>Immunology</i> , 2014, 143, 52-60.	4.4	62
11	Melioidosis in Thailand: Present and Future. <i>Tropical Medicine and Infectious Disease</i> , 2018, 3, 38.	2.3	58
12	Phenotypic and Functional Characterization of Human Memory T Cell Responses to <i>Burkholderia pseudomallei</i> . <i>PLoS Neglected Tropical Diseases</i> , 2009, 3, e407.	3.0	53
13	Exploiting the <i>Burkholderia pseudomallei</i> Acute Phase Antigen BPSL2765 for Structure-Based Epitope Discovery/Design in Structural Vaccinology. <i>Chemistry and Biology</i> , 2013, 20, 1147-1156.	6.0	50
14	A Structure-Based Strategy for Epitope Discovery in <i>Burkholderia pseudomallei</i> OppA Antigen. <i>Structure</i> , 2013, 21, 167-175.	3.3	49
15	Glibenclamide reduces pro-inflammatory cytokine production by neutrophils of diabetes patients in response to bacterial infection. <i>Scientific Reports</i> , 2013, 3, 3363.	3.3	47
16	Superoxide dismutase C is required for intracellular survival and virulence of <i>Burkholderia pseudomallei</i> . <i>Microbiology (United Kingdom)</i> , 2011, 157, 2392-2400.	1.8	46
17	Development of Real-Time PCR Assays and Evaluation of Their Potential Use for Rapid Detection of <i>Burkholderia pseudomallei</i> in Clinical Blood Specimens. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2894-2901.	3.9	44
18	T Cell Immunity to the Alkyl Hydroperoxide Reductase of <i>Burkholderia pseudomallei</i> : A Correlate of Disease Outcome in Acute Melioidosis. <i>Journal of Immunology</i> , 2015, 194, 4814-4824.	0.8	44

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19	From crystal structure to <i>in silico</i> epitope discovery in the <i>Burkholderia pseudomallei</i> flagellar hook-associated protein FlgK. <i>FEBS Journal</i> , 2015, 282, 1319-1333.	4.7	42
20	Production of interleukin-27 by human neutrophils regulates their function during bacterial infection. <i>European Journal of Immunology</i> , 2012, 42, 3280-3290.	2.9	37
21	Intravenous Cyclophosphamide Therapy for Anti-IFN-Gamma Autoantibody-Associated <i>Mycobacterium abscessus</i> Infection. <i>Journal of Immunology Research</i> , 2018, 2018, 1-7.	2.2	36
22	A humanized mouse model identifies key amino acids for low immunogenicity of H7N9 vaccines. <i>Scientific Reports</i> , 2017, 7, 1283.	3.3	35
23	A transcriptomic reporter assay employing neutrophils to measure immunogenic activity of septic patients' plasma. <i>Journal of Translational Medicine</i> , 2014, 12, 65.	4.4	34
24	A Rapid Immunochromatography Test Based on Hcp1 Is a Potential Point-of-Care Test for Serological Diagnosis of Melioidosis. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	34
25	The <i>Burkholderia pseudomallei</i> RpoE (AlgU) operon is involved in environmental stress tolerance and biofilm formation. <i>FEMS Microbiology Letters</i> , 2005, 252, 243-249.	1.8	33
26	Metformin-induced suppression of IFN- γ via mTORC1 signalling following seasonal vaccination is associated with impaired antibody responses in type 2 diabetes. <i>Scientific Reports</i> , 2020, 10, 3229.	3.3	33
27	Critical Role of Type 1 Cytokines in Controlling Initial Infection with <i>Burkholderia mallei</i> . <i>Infection and Immunity</i> , 2006, 74, 5333-5340.	2.2	31
28	Systematic Mutagenesis of Genes Encoding Predicted Autotransported Proteins of <i>Burkholderia pseudomallei</i> Identifies Factors Mediating Virulence in Mice, Net Intracellular Replication and a Novel Protein Conferring Serum Resistance. <i>PLoS ONE</i> , 2015, 10, e0121271.	2.5	30
29	Programmed Death Ligand 1 on <i>Burkholderia pseudomallei</i> "Infected Human Polymorphonuclear Neutrophils Impairs T Cell Functions. <i>Journal of Immunology</i> , 2015, 194, 4413-4421.	0.8	29
30	Development of a fixed module repertoire for the analysis and interpretation of blood transcriptome data. <i>Nature Communications</i> , 2021, 12, 4385.	12.8	29
31	Exposure of an occluded hemagglutinin epitope drives selection of a class of cross-protective influenza antibodies. <i>Nature Communications</i> , 2019, 10, 3883.	12.8	28
32	CD4+ T Cell Epitopes of FlhC Conserved between Strains of <i>Burkholderia</i> : Implications for Vaccines against Melioidosis and Cepacia Complex in Cystic Fibrosis. <i>Journal of Immunology</i> , 2014, 193, 6041-6049.	0.8	27
33	Macroautophagy is essential for killing of intracellular <i>Burkholderia pseudomallei</i> in human neutrophils. <i>Autophagy</i> , 2015, 11, 748-755.	9.1	27
34	A general protein O-glycosylation machinery conserved in <i>Burkholderia</i> species improves bacterial fitness and elicits glycan immunogenicity in humans. <i>Journal of Biological Chemistry</i> , 2019, 294, 13248-13268.	3.4	27
35	Flexible vs Rigid Epitope Conformations for Diagnostic- and Vaccine-Oriented Applications: Novel Insights from the <i>Burkholderia pseudomallei</i> BPSL2765 Pal3 Epitope. <i>ACS Infectious Diseases</i> , 2016, 2, 221-230.	3.8	22
36	<i>Burkholderia pseudomallei</i> Proteins Presented by Monocyte-Derived Dendritic Cells Stimulate Human Memory T Cells <i>In Vitro</i> . <i>Infection and Immunity</i> , 2011, 79, 305-313.	2.2	21

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37	Comparison of two forms of daily preventive zinc supplementation versus therapeutic zinc supplementation for diarrhea on young children's physical growth and risk of infection: study design and rationale for a randomized controlled trial. <i>BMC Nutrition</i> , 2018, 4, 39.	1.6	21
38	Analyses of the Distribution Patterns of <i>Burkholderia pseudomallei</i> and Associated Phages in Soil Samples in Thailand Suggest That Phage Presence Reduces the Frequency of Bacterial Isolation. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005005.	3.0	21
39	The Blood Transcriptome of Experimental Melioidosis Reflects Disease Severity and Shows Considerable Similarity with the Human Disease. <i>Journal of Immunology</i> , 2015, 195, 3248-3261.	0.8	20
40	Boosting of post-exposure human T cell and B cell recall responses <i>in vivo</i> by <i>Burkholderia pseudomallei</i> -related proteins. <i>Immunology</i> , 2017, 151, 98-109.	4.4	20
41	Glibenclamide Reduces Primary Human Monocyte Functions Against Tuberculosis Infection by Enhancing M2 Polarization. <i>Frontiers in Immunology</i> , 2018, 9, 2109.	4.8	20
42	Increased abundance of ADAM9 transcripts in the blood is associated with tissue damage. <i>F1000Research</i> , 2015, 4, 89.	1.6	19
43	<i>Burkholderia pseudomallei</i> -induced cell fusion in U937 macrophages can be inhibited by monoclonal antibodies against host cell surface molecules. <i>Microbes and Infection</i> , 2011, 13, 1006-1011.	1.9	18
44	Glibenclamide impairs responses of neutrophils against <i>Burkholderia pseudomallei</i> by reduction of intracellular glutathione. <i>Scientific Reports</i> , 2016, 6, 34794.	3.3	15
45	Cryptococcosis in Anti-Interferon-Gamma Autoantibody-Positive Patients: a Different Clinical Manifestation from HIV-Infected Patients. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 69-74.	1.2	15
46	Immune Control of <i>Burkholderia pseudomallei</i> —Common, High-Frequency T-Cell Responses to a Broad Repertoire of Immunoprevalent Epitopes. <i>Frontiers in Immunology</i> , 2018, 9, 484.	4.8	15
47	Abundance of ADAM9 transcripts increases in the blood in response to tissue damage. <i>F1000Research</i> , 2015, 4, 89.	1.6	15
48	Antibody reactivity profiles following immunization with diverse peptides of the PERB11 (MIC) family. <i>Clinical and Experimental Immunology</i> , 1996, 106, 568-576.	2.6	13
49	Bystander T cells in human immune responses to dengue antigens. <i>BMC Immunology</i> , 2010, 11, 47.	2.2	13
50	Structure-Based Design of a B Cell Antigen from <i>B. pseudomallei</i> . <i>ACS Chemical Biology</i> , 2015, 10, 803-812.	3.4	12
51	BPSL1626: Reverse and Structural Vaccinology Reveal a Novel Candidate for Vaccine Design Against <i>Burkholderia pseudomallei</i> . <i>Antibodies</i> , 2018, 7, 26.	2.5	11
52	Daily Preventive Zinc Supplementation Decreases Lymphocyte and Eosinophil Concentrations in Rural Laotian Children from Communities with a High Prevalence of Zinc Deficiency: Results of a Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2020, 150, 2204-2213.	2.9	11
53	Effect of acidic pH on the invasion efficiency and the type III secretion system of <i>Burkholderia thailandensis</i> . <i>Journal of Microbiology</i> , 2010, 48, 526-532.	2.8	10
54	Blood transcriptomics to characterize key biological pathways and identify biomarkers for predicting mortality in melioidosis. <i>Emerging Microbes and Infections</i> , 2021, 10, 8-18.	6.5	10

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55	Effect of Host Factors on Neutrophil Functions in Response to <i>Burkholderia pseudomallei</i> in Healthy Thai Subjects. <i>Japanese Journal of Infectious Diseases</i> , 2014, 67, 436-440.	1.2	10
56	Immune responses in beta-thalassaemia: heme oxygenase 1 reduces cytokine production and bactericidal activity of human leucocytes. <i>Scientific Reports</i> , 2020, 10, 10297.	3.3	9
57	Antibiotic Susceptibility of Clinical <i>Burkholderia pseudomallei</i> Isolates in Northeast Thailand from 2015 to 2018 and the Genomic Characterization of <i>β</i> -Lactam-Resistant Isolates. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	9
58	CD4 ⁺ T cell immunity to the <i>Burkholderia pseudomallei</i> ABC transporter LolC in melioidosis. <i>European Journal of Immunology</i> , 2011, 41, 107-115.	2.9	8
59	Development of an Open-Heart Intraoperative Risk Scoring Model for Predicting a Prolonged Intensive Care Unit Stay. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	8
60	Designing Probes for Immunodiagnostics: Structural Insights into an Epitope Targeting <i>Burkholderia</i> Infections. <i>ACS Infectious Diseases</i> , 2017, 3, 736-743.	3.8	8
61	Impact of Daily Preventive Zinc or Therapeutic Zinc Supplementation for Diarrhea on Plasma Biomarkers of Environmental Enteric Dysfunction among Rural Laotian Children: A Randomized Controlled Trial. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 415-426.	1.4	8
62	A proteasome inhibitor produced by <i>Burkholderia pseudomallei</i> modulates intracellular growth. <i>Microbial Pathogenesis</i> , 2017, 107, 175-180.	2.9	7
63	Diagnosis of NTM active infection in lymphadenopathy patients with anti-interferon-gamma auto-antibody using inhibitory ELISA vs. indirect ELISA. <i>Scientific Reports</i> , 2020, 10, 8968.	3.3	7
64	Glibenclamide alters interleukin-8 and interleukin-1 β of primary human monocytes from diabetes patients against <i>Mycobacterium tuberculosis</i> infection. <i>Tuberculosis</i> , 2020, 123, 101939.	1.9	7
65	Adapting Microarray Gene Expression Signatures for Early Melioidosis Diagnosis. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	3.9	6
66	A genetic programming approach for <i>Burkholderia Pseudomallei</i> diagnostic pattern discovery. <i>Bioinformatics</i> , 2009, 25, 2256-2262.	4.1	5
67	Evaluation of plasma anti-GPL-core IgA and IgG for diagnosis of disseminated non-tuberculous mycobacteria infection. <i>PLoS ONE</i> , 2020, 15, e0242598.	2.5	5
68	BIITE: A Tool to Determine HLA Class II Epitopes from T Cell ELISpot Data. <i>PLoS Computational Biology</i> , 2016, 12, e1004796.	3.2	4
69	Sequential Vaccination With Heterologous <i>Acinetobacter baumannii</i> Strains Induces Broadly Reactive Antibody Responses. <i>Frontiers in Immunology</i> , 2021, 12, 705533.	4.8	4
70	Genomic loss in environmental and isogenic morphotype isolates of <i>Burkholderia pseudomallei</i> is associated with intracellular survival and plaque-forming efficiency. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008590.	3.0	4
71	Blood Transcriptional Fingerprints to Assess the Immune Status of Human Subjects. , 2011, , 105-125.		1
72	Title is missing!. , 2020, 15, e0242598.		0

#	ARTICLE	IF	CITATIONS
73	Title is missing!. , 2020, 15, e0242598.		0
74	Title is missing!. , 2020, 15, e0242598.		0
75	Title is missing!.. , 2020, 15, e0242598.		0