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List of Publications by Year in descending order

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85
papers

2,915
citations

147801

31
h-index

189892

50
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96
all docs

96
docs citations

96
times ranked

4412
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased TNF- $\hat{1}\pm$ production in response to IL-6 in patients with systemic inflammation without infection. <i>Clinical and Experimental Immunology</i> , 2022, 209, 225-235.	2.6	7
2	A Shift Towards an Immature Myeloid Profile in Peripheral Blood of Critically Ill COVID-19 Patients. <i>Archives of Medical Research</i> , 2021, 52, 311-323.	3.3	13
3	Increased expression of hypoxia-induced factor 1 $\hat{1}\pm$ mRNA and its related genes in myeloid blood cells from critically ill COVID-19 patients. <i>Annals of Medicine</i> , 2021, 53, 197-207.	3.8	45
4	Multiparameter flow cytometry analysis of leukocyte markers for diagnosis in preterm neonatal sepsis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 2323-2333.	1.5	3
5	CD4+ and CD8+ Circulating Memory T Cells Are Crucial in the Protection Induced by Vaccination with Salmonella Typhi Porins. <i>Microorganisms</i> , 2021, 9, 770.	3.6	2
6	SARS-CoV-2 IgG Antibodies Seroprevalence and Sera Neutralizing Activity in MEXICO: A National Cross-Sectional Study during 2020. <i>Microorganisms</i> , 2021, 9, 850.	3.6	19
7	Safety and Immunogenicity of a Newcastle Disease Virus Vector-Based SARS-CoV-2 Vaccine Candidate, AVX/COVID-12-HEXAPRO (Patria), in Pigs. <i>MBio</i> , 2021, 12, e0190821.	4.1	32
8	Accurate diagnosis of sepsis using a neural network: Pilot study using routine clinical variables. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 210, 106366.	4.7	4
9	Manipulation of microbiota with probiotics as an alternative for treatment of hepatic encephalopathy. <i>Nutrition</i> , 2020, 73, 110693.	2.4	12
10	Induction of Progenitor Exhausted Tissue-Resident Memory CD8+ T Cells Upon Salmonella Typhi Porins Adjuvant Immunization Correlates With Melanoma Control and Anti-PD-1 Immunotherapy Cooperation. <i>Frontiers in Immunology</i> , 2020, 11, 583382.	4.8	9
11	Bioinformatic analysis and identification of single-stranded RNA sequences recognized by TLR7/8 in the SARS-CoV-2, SARS-CoV, and MERS-CoV genomes. <i>Microbes and Infection</i> , 2020, 22, 226-229.	1.9	143
12	Low back pain in athletes can be controlled with acupuncture by a catecholaminergic pathway: clinical trial. <i>Acupuncture in Medicine</i> , 2020, 38, 388-395.	1.0	11
13	Development and in vitro evaluation of a new adjuvant system containing Salmonella Typhi porins and chitosan. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119129.	5.2	16
14	Outer membrane protein size and LPS O-antigen define protective antibody targeting to the Salmonella surface. <i>Nature Communications</i> , 2020, 11, 851.	12.8	49
15	Medical Outcomes in Women Who Became Pregnant after Vaccination with a Virus-Like Particle Experimental Vaccine against Influenza A (H1N1) 2009 Virus Tested during 2009 Pandemic Outbreak. <i>Viruses</i> , 2019, 11, 868.	3.3	2
16	Structural variants of Salmonella Typhimurium lipopolysaccharide induce less dimerization of TLR4/MD-2 and reduced pro-inflammatory cytokine production in human monocytes. <i>Molecular Immunology</i> , 2019, 111, 43-52.	2.2	12
17	Function is Dissociated From Activation-Related Immunophenotype on Phagocytes From Patients With SIRS/Sepsis Syndrome. <i>Shock</i> , 2019, 52, e68-e75.	2.1	14
18	Conservation of the OmpC Porin Among Typhoidal and Non-Typhoidal Salmonella Serovars. <i>Frontiers in Immunology</i> , 2019, 10, 2966.	4.8	8

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19	IgG Responses to Porins and Lipopolysaccharide within an Outer Membrane-Based Vaccine against Nontyphoidal <i>Salmonella</i> Develop at Discordant Rates. <i>MBio</i> , 2018, 9, .	4.1	31
20	Autodisplay of an avidin with biotin-binding activity on the surface of <i>Escherichia coli</i> . <i>Biotechnology Letters</i> , 2018, 40, 591-600.	2.2	0
21	High Serum Levels of High-Mobility Group Box 1 (HMGB1) and Low Levels of Heat Shock Protein 70 (Hsp70) are Associated with Poor Prognosis in Patients with Acute Pancreatitis. <i>Archives of Medical Research</i> , 2018, 49, 504-511.	3.3	15
22	Innate Lymphoid Cells Have Decreased HLA-DR Expression but Retain Their Responsiveness to TLR Ligands during Sepsis. <i>Journal of Immunology</i> , 2018, 201, 3401-3410.	0.8	18
23	Fibroblastic reticular cells initiate immune responses in visceral adipose tissues and secure peritoneal immunity. <i>Science Immunology</i> , 2018, 3, .	11.9	44
24	Effect of Oral ω -3-Polyunsaturated Fatty Acids as a Complement Management to Control Fistula Output and Inflammation in Patients With Digestive Fistula. <i>Journal of Gastrointestinal Surgery</i> , 2017, 21, 453-462.	1.7	0
25	IgG1 Is Required for Optimal Protection after Immunization with the Purified Porin OmpD from <i>Salmonella</i> Typhimurium. <i>Journal of Immunology</i> , 2017, 199, 4103-4109.	0.8	20
26	<i>Salmonella</i> Typhi Porins OmpC and OmpF Are Potent Adjuvants for T-Dependent and T-Independent Antigens. <i>Frontiers in Immunology</i> , 2017, 8, 230.	4.8	38
27	Evolution of <i>Salmonella</i> Typhi outer membrane protein-specific T and B cell responses in humans following oral Ty21a vaccination: A randomized clinical trial. <i>PLoS ONE</i> , 2017, 12, e0178669.	2.5	15
28	Control and Resolution Mechanisms of the Inflammatory Response 2016. <i>Mediators of Inflammation</i> , 2016, 2016, 1-2.	3.0	6
29	PLGA-microencapsulation protects <i>Salmonella typhi</i> outer membrane proteins from acidic degradation and increases their mucosal immunogenicity. <i>Vaccine</i> , 2016, 34, 4263-4269.	3.8	17
30	Response: Differential Immune Profiles in Two Pandemic Influenza A(H1N1)pdm09 Virus Waves at Pandemic Epicenter. <i>Archives of Medical Research</i> , 2016, 47, 490.	3.3	0
31	Impaired selective cytokine production by CD4+ T cells in Common Variable Immunodeficiency associated with the absence of memory B cells. <i>Clinical Immunology</i> , 2016, 166-167, 19-26.	3.2	12
32	LLT1 and CD161 Expression in Human Germinal Centers Promotes B Cell Activation and CXCR4 Downregulation. <i>Journal of Immunology</i> , 2016, 196, 2085-2094.	0.8	49
33	Antibody Persistence in Adults Two Years after Vaccination with an H1N1 2009 Pandemic Influenza Virus-Like Particle Vaccine. <i>PLoS ONE</i> , 2016, 11, e0150146.	2.5	25
34	Editorial: How <i>Salmonella</i> Infection can Inform on Mechanisms of Immune Function and Homeostasis. <i>Frontiers in Immunology</i> , 2015, 6, 451.	4.8	1
35	Differential Immune Profiles in Two Pandemic Influenza A(H1N1)pdm09 Virus Waves at Pandemic Epicenter. <i>Archives of Medical Research</i> , 2015, 46, 651-658.	3.3	8
36	Activated endothelial cells limit inflammatory response, but increase chemoattractant potential and bacterial clearance by human monocytes. <i>Cell Biology International</i> , 2015, 39, 721-732.	3.0	6

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37	Antibody responses to influenza viruses in paediatric patients and their contacts at the onset of the 2009 pandemic in Mexico. <i>Journal of Infection in Developing Countries</i> , 2015, 9, 259-266.	1.2	3
38	Pregnant Women Infected with Pandemic H1N1pdm2009 Influenza Virus Displayed Overproduction of Peripheral Blood CD69+ Lymphocytes and Increased Levels of Serum Cytokines. <i>PLoS ONE</i> , 2014, 9, e107900.	2.5	16
39	Natural and Vaccine-Mediated Immunity to <i>Salmonella</i> Typhimurium is Impaired by the Helminth <i>Nippostrongylus brasiliensis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3341.	3.0	27
40	Control and Resolution Mechanisms of the Inflammatory Response. <i>Mediators of Inflammation</i> , 2014, 2014, 1-2.	3.0	5
41	Quantifying the mortality caused by the H1N1 influenza virus during the 2009 pandemic in Mexico. <i>Journal of Infection in Developing Countries</i> , 2014, 8, 742-748.	1.2	4
42	Heat shock protein 70 down-regulates the production of toll-like receptor-induced pro-inflammatory cytokines by a heat shock factor-1/constitutive heat shock element-binding factor-dependent mechanism. <i>Journal of Inflammation</i> , 2014, 11, 19.	3.4	62
43	B1b Cells Recognize Protective Antigens after Natural Infection and Vaccination. <i>Frontiers in Immunology</i> , 2014, 5, 535.	4.8	65
44	IFN- γ -Producing CD4+ T Cells Promote Generation of Protective Germinal Center-Derived IgM+ B Cell Memory against <i>Salmonella</i> Typhi. <i>Journal of Immunology</i> , 2014, 192, 5192-5200.	0.8	35
45	<i>S</i> and <i>T</i> porins are potent protective immunogens with adjuvant properties. <i>Immunology</i> , 2013, 139, 459-471.	4.4	36
46	A Novel M2e Based Flu Vaccine Formulation for Dogs. <i>PLoS ONE</i> , 2013, 8, e77084.	2.5	14
47	PD-L1 Expression Induced by the 2009 Pandemic Influenza A(H1N1) Virus Impairs the Human T Cell Response. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-11.	3.3	23
48	The Capsular Polysaccharide Vi from <i>Salmonella</i> Typhi Is a B1b Antigen. <i>Journal of Immunology</i> , 2012, 189, 5527-5532.	0.8	47
49	A Toll/IL-1R/resistance domain-containing thioredoxin regulates phagocytosis in <i>Entamoeba histolytica</i> . <i>Parasites and Vectors</i> , 2012, 5, 224.	2.5	3
50	Humoral and cellular immune responses to influenza vaccination in children with cancer receiving chemotherapy. <i>Oncology Letters</i> , 2012, 4, 329-333.	1.8	9
51	Virus-like particle (VLP)-based vaccines for pandemic influenza. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 411-414.	3.3	61
52	Toll-like receptor 7 and 9 (TLR 7 and TLR 9) expression in biopsies of in situ cervical cancer.. <i>Journal of Clinical Oncology</i> , 2012, 30, e15584-e15584.	1.6	0
53	Safety and immunogenicity of a virus-like particle pandemic influenza A (H1N1) 2009 vaccine in a blinded, randomized, placebo-controlled trial of adults in Mexico. <i>Vaccine</i> , 2011, 29, 7826-7834.	3.8	118
54	Subversion of innate and adaptive immune activation induced by structurally modified lipopolysaccharide from <i>Salmonella typhimurium</i> . <i>Immunology</i> , 2011, 133, 469-481.	4.4	12

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55	Soluble flagellin, FliC, induces an Agâ€specific Th2 response, yet promotes Tâ€betâ€regulated Th1 clearance of <i>Salmonella typhimurium</i> infection. <i>European Journal of Immunology</i> , 2011, 41, 1606-1618.	2.9	67
56	CD31 Is Required on CD4+ T Cells To Promote T Cell Survival during <i>Salmonella</i> Infection. <i>Journal of Immunology</i> , 2011, 187, 1553-1565.	0.8	29
57	Dysregulated Humoral Immunity to Nontyphoidal <i>Salmonella</i> in HIV-Infected African Adults. <i>Science</i> , 2010, 328, 508-512.	12.6	149
58	The Role of Lipopeptidophosphoglycan in the Immune Response to <i>Entamoeba histolytica</i> . <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-12.	3.0	28
59	The porin OmpD from nontyphoidal <i>Salmonella</i> is a key target for a protective B1b cell antibody response. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 9803-9808.	7.1	153
60	Type I IFN-Mediated Protection of Macrophages and Dendritic Cells Secures Control of Murine Coronavirus Infection. <i>Journal of Immunology</i> , 2009, 182, 1099-1106.	0.8	113
61	TLR2 and TLR4 signaling shapes specific antibody responses to <i>Salmonella typhi</i> antigens. <i>European Journal of Immunology</i> , 2009, 39, 126-135.	2.9	50
62	Triggering receptor expressed on myeloid cells-1 expression on monocytes is associated with inflammation but not with infection in acute pancreatitis. <i>Critical Care</i> , 2009, 13, R69.	5.8	41
63	Translating innate response into longâ€lasting antibody response by the intrinsic antigenâ€adjuvant properties of papaya mosaic virus. <i>Immunology</i> , 2008, 124, 186-197.	4.4	39
64	Mycobacterium tuberculosis lipids regulate cytokines, TLR-2/4 and MHC class II expression in human macrophages. <i>Tuberculosis</i> , 2008, 88, 212-220.	1.9	69
65	The Increased Expression of TREM-1 on Monocytes Is Associated With Infectious and Noninfectious Inflammatory Processes. <i>Journal of Surgical Research</i> , 2008, 150, 110-117.	1.6	34
66	Development of a universal influenza A vaccine based on the M2e peptide fused to the papaya mosaic virus (PapMV) vaccine platform. <i>Vaccine</i> , 2008, 26, 3395-3403.	3.8	172
67	Lipopopeptidephosphoglycan from <i>Entamoeba histolytica</i> activates human macrophages and dendritic cells and reaches their late endosomes. <i>Parasite Immunology</i> , 2007, 29, 467-474.	1.5	10
68	Immunogenicity of papaya mosaic virus-like particles fused to a hepatitis C virus epitope: Evidence for the critical function of multimerization. <i>Virology</i> , 2007, 363, 59-68.	2.4	121
69	Triggering receptor expressed on myeloid cells (TREM-1) is regulated post-transcriptionally and its ligand is present in the sera of some septic patients. <i>Clinical and Experimental Immunology</i> , 2006, 145, 448-455.	2.6	55
70	Salmonella porins induce a sustained, lifelong specific bactericidal antibody memory response. <i>Immunology</i> , 2006, 117, 59-70.	4.4	74
71	The innate immune response to <i>Entamoeba histolytica</i> lipopeptidophosphoglycan is mediated by toll-like receptors 2 and 4. <i>Parasite Immunology</i> , 2005, 27, 127-137.	1.5	75
72	Expression of triggering receptor on myeloid cell 1 and histocompatibility complex molecules in sepsis and major abdominal surgery. <i>World Journal of Gastroenterology</i> , 2005, 11, 7473.	3.3	27

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73	Induction of cellular immune response and anti-Salmonella enterica serovar typhi bactericidal antibodies in healthy volunteers by immunization with a vaccine candidate against typhoid fever. <i>Immunology Letters</i> , 2004, 93, 115-122.	2.5	44
74	Toll-like receptors: dysregulation in vivo in patients with acute respiratory distress syndrome. <i>Revista Alergia Mexico</i> , 2004, 51, 210-7.	0.1	13
75	Combinatorial immunoglobulin light chain variability creates sufficient B cell diversity to mount protective antibody responses against pathogen infections. <i>European Journal of Immunology</i> , 2003, 33, 950-961.	2.9	26
76	Marginal Zone Macrophages and Immune Responses Against Viruses. <i>Journal of Immunology</i> , 2002, 169, 1453-1458.	0.8	50
77	Induction of optimal anti-viral neutralizing B cell responses by dendritic cells requires transport and release of virus particles in secondary lymphoid organs. <i>European Journal of Immunology</i> , 2000, 30, 185-196.	2.9	47
78	Antiviral protection after DNA vaccination is short lived and not enhanced by CpG DNA. <i>Immunology</i> , 2000, 99, 163-169.	4.4	15
79	Lipophosphopeptidoglycan of <i>Entamoeba histolytica</i> Induces an Antiinflammatory Innate Immune Response and Downregulation of Toll-Like Receptor 2 (TLR-2) Gene Expression in Human Monocytes. <i>Archives of Medical Research</i> , 2000, 31, S71-S73.	3.3	29
80	Correlation of anti-viral B cell responses and splenic morphology with expression of B cell-specific molecules. <i>International Immunology</i> , 2000, 12, 1275-1284.	4.0	18
81	Virus neutralization by germ-line vs. hypermutated antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 10126-10131.	7.1	40
82	Secondary Rearrangements and Hypermutation Generate Sufficient B Cell Diversity to Mount Protective Antiviral Immunoglobulin Responses. <i>Journal of Experimental Medicine</i> , 1999, 189, 1791-1798.	8.5	24
83	Induction of Antibodies against <i>Salmonella typhi</i> OmpC Porin by Naked DNA Immunization. <i>Annals of the New York Academy of Sciences</i> , 1995, 772, 285-288.	3.8	17
84	Role of Porins from <i>Salmonella typhi</i> in the Induction of Protective Immunity. <i>Annals of the New York Academy of Sciences</i> , 1994, 730, 350-352.	3.8	17
85	Seroprevalence and Neutralizing Activity of IgG Antibodies Against SARS-CoV-2 in Mexico. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0