

Juliana Cassataro

List of Publications by Year in descending order

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52
papers

2,210
citations

186265

28
h-index

223800

46
g-index

53
all docs

53
docs citations

53
times ranked

1397
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipoproteins, Not Lipopolysaccharide, Are the Key Mediators of the Proinflammatory Response Elicited by Heat-Killed <i>Brucella abortus</i> . <i>Journal of Immunology</i> , 2004, 173, 4635-4642.	0.8	166
2	Immunization with Recombinant <i>Brucella</i> Species Outer Membrane Protein Omp16 or Omp19 in Adjuvant Induces Specific CD4+ and CD8+ T Cells as Well as Systemic and Oral Protection against <i>Brucella abortus</i> Infection. <i>Infection and Immunity</i> , 2009, 77, 436-445.	2.2	126
3	A DNA Vaccine Coding for the <i>Brucella</i> Outer Membrane Protein 31 Confers Protection against <i>B. melitensis</i> and <i>B. ovis</i> Infection by Eliciting a Specific Cytotoxic Response. <i>Infection and Immunity</i> , 2005, 73, 6537-6546.	2.2	107
4	Vaccination with the Recombinant <i>Brucella</i> Outer Membrane Protein 31 or a Derived 27-Amino-Acid Synthetic Peptide Elicits a CD4+ T Helper 1 Response That Protects against <i>Brucella melitensis</i> Infection. <i>Infection and Immunity</i> , 2005, 73, 8079-8088.	2.2	107
5	A DNA Vaccine Encoding Lumazine Synthase from <i>Brucella abortus</i> Induces Protective Immunity in BALB/c Mice. <i>Infection and Immunity</i> , 2002, 70, 2507-2511.	2.2	95
6	An Oral Vaccine Based on U-Omp19 Induces Protection against <i>B. abortus</i> Mucosal Challenge by Inducing an Adaptive IL-17 Immune Response in Mice. <i>PLoS ONE</i> , 2011, 6, e16203.	2.5	94
7	<i>Brucella</i> Lumazine Synthase Elicits a Mixed Th1-Th2 Immune Response and Reduces Infection in Mice Challenged with <i>Brucella abortus</i> 544 Independently of the Adjuvant Formulation Used. <i>Infection and Immunity</i> , 2003, 71, 5750-5755.	2.2	93
8	Vaccination with <i>Brucella</i> recombinant DnaK and SurA proteins induces protection against <i>Brucella abortus</i> infection in BALB/c mice. <i>Vaccine</i> , 2007, 25, 6721-6729.	3.8	92
9	<i>Brucella abortus</i> Inhibits Major Histocompatibility Complex Class II Expression and Antigen Processing through Interleukin-6 Secretion via Toll-Like Receptor 2. <i>Infection and Immunity</i> , 2008, 76, 250-262.	2.2	73
10	A Bile Salt Hydrolase of <i>Brucella abortus</i> Contributes to the Establishment of a Successful Infection through the Oral Route in Mice. <i>Infection and Immunity</i> , 2007, 75, 299-305.	2.2	66
11	The Protein Moiety of <i>Brucella abortus</i> Outer Membrane Protein 16 Is a New Bacterial Pathogen-Associated Molecular Pattern That Activates Dendritic Cells In Vivo, Induces a Th1 Immune Response, and Is a Promising Self-Adjuvanting Vaccine against Systemic and Oral Acquired Brucellosis. <i>Journal of Immunology</i> , 2010, 184, 5200-5212.	0.8	63
12	A recombinant subunit vaccine based on the insertion of 27 amino acids from Omp31 to the N-terminus of BLS induced a similar degree of protection against <i>B. ovis</i> than Rev.1 vaccination. <i>Vaccine</i> , 2007, 25, 4437-4446.	3.8	61
13	<i>Brucella abortus</i> Induces the Secretion of Proinflammatory Mediators from Glial Cells Leading to Astrocyte Apoptosis. <i>American Journal of Pathology</i> , 2010, 176, 1323-1338.	3.8	59
14	The recombinant Omp31 from <i>Brucella melitensis</i> alone or associated with rough lipopolysaccharide induces protection against <i>Brucella ovis</i> infection in BALB/c mice. <i>Microbes and Infection</i> , 2003, 5, 85-93.	1.9	55
15	<i>Brucella</i> lipoproteins mimic dendritic cell maturation induced by <i>Brucella abortus</i> . <i>Microbes and Infection</i> , 2008, 10, 1346-1354.	1.9	54
16	Antibody Reactivity to Omp31 from <i>Brucella melitensis</i> in Human and Animal Infections by Smooth and Rough <i>Brucellae</i> . <i>Vaccine Journal</i> , 2004, 11, 111-114.	3.1	52
17	Confronting the barriers to develop novel vaccines against brucellosis. <i>Expert Review of Vaccines</i> , 2011, 10, 1291-1305.	4.4	48
18	Targeting Stat3 Induces Senescence in Tumor Cells and Elicits Prophylactic and Therapeutic Immune Responses against Breast Cancer Growth Mediated by NK Cells and CD4+ T Cells. <i>Journal of Immunology</i> , 2012, 189, 1162-1172.	0.8	46

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19	Toll-Like Receptor 6 Plays an Important Role in Host Innate Resistance to <i>Brucella abortus</i> Infection in Mice. <i>Infection and Immunity</i> , 2013, 81, 1654-1662.	2.2	45
20	Improved Immunogenicity of a Vaccination Regimen Combining a DNA Vaccine Encoding <i>Brucella melitensis</i> Outer Membrane Protein 31 (Omp31) and Recombinant Omp31 Boosting. <i>Vaccine Journal</i> , 2007, 14, 869-874.	3.1	43
21	The polymeric antigen BLSOmp31 confers protection against <i>Brucella ovis</i> infection in rams. <i>Vaccine</i> , 2009, 27, 6704-6711.	3.8	41
22	A DNA vaccine coding for the chimera BLSOmp31 induced a better degree of protection against <i>B. ovis</i> and a similar degree of protection against <i>B. melitensis</i> than Rev.1 vaccination. <i>Vaccine</i> , 2007, 25, 5958-5967.	3.8	38
23	<i>Brucella abortus</i> induces intracellular retention of MHC-I molecules in human macrophages down-modulating cytotoxic CD8 ⁺ T cell responses. <i>Cellular Microbiology</i> , 2013, 15, 487-502.	2.1	38
24	<i>Brucella abortus</i> activates human neutrophils. <i>Microbes and Infection</i> , 2009, 11, 689-697.	1.9	35
25	The vaccine candidate BLSOmp31 protects mice against <i>Brucella canis</i> infection. <i>Vaccine</i> , 2013, 31, 6129-6135.	3.8	34
26	A <i>Brucella</i> spp. Protease Inhibitor Limits Antigen Lysosomal Proteolysis, Increases Cross-Presentation, and Enhances CD8 ⁺ T Cell Responses. <i>Journal of Immunology</i> , 2016, 196, 4014-4029.	0.8	32
27	<i>Brucella abortus</i> induces apoptosis of human T lymphocytes. <i>Microbes and Infection</i> , 2012, 14, 639-650.	1.9	31
28	Single-shot plasmid DNA intrasplenic immunization for the production of monoclonal antibodies. <i>Journal of Immunological Methods</i> , 2000, 244, 1-7.	1.4	30
29	<i>Brucella abortus</i> induces TNF- α -dependent astroglial MMP-9 secretion through mitogen-activated protein kinases. <i>Journal of Neuroinflammation</i> , 2013, 10, 47.	7.2	30
30	U-Omp19 from <i>Brucella abortus</i> Is a Useful Adjuvant for Vaccine Formulations against <i>Salmonella</i> Infection in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 171.	4.8	30
31	Immunogenicity of recombinant Omp31 from <i>Brucella melitensis</i> in rams and serum bactericidal activity against <i>B. ovis</i> . <i>Veterinary Microbiology</i> , 2004, 102, 203-213.	1.9	28
32	A bacterial protease inhibitor protects antigens delivered in oral vaccines from digestion while triggering specific mucosal immune responses. <i>Journal of Controlled Release</i> , 2015, 220, 18-28.	9.9	28
33	<i>Brucella</i> Cyclic β -1,2-Glucan Plays a Critical Role in the Induction of Splenomegaly in Mice. <i>PLoS ONE</i> , 2014, 9, e101279.	2.5	27
34	Immunization with Murine Breast Cancer Cells Treated with Antisense Oligodeoxynucleotides to Type I Insulin-Like Growth Factor Receptor Induced an Antitumoral Effect Mediated by a CD8 ⁺ Response Involving Fas/Fas Ligand Cytotoxic Pathway. <i>Journal of Immunology</i> , 2006, 176, 3426-3437.	0.8	25
35	Evaluation of the Efficacy of Outer Membrane Protein 31 Vaccine Formulations for Protection against <i>Brucella canis</i> in BALB/c Mice. <i>Vaccine Journal</i> , 2014, 21, 1689-1694.	3.1	25
36	Immunogenicity of the <i>Brucella melitensis</i> recombinant ribosome recycling factor-homologous protein and its cDNA. <i>Vaccine</i> , 2002, 20, 1660-1669.	3.8	20

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37	Brucella outer membrane protein Omp31 is a haemin-binding protein. <i>Microbes and Infection</i> , 2006, 8, 1203-1208.	1.9	19
38	Brucella abortus inhibits IFN- β -induced Fc γ RI expression and Fc γ RI-restricted phagocytosis via toll-like receptor 2 on human monocytes/macrophages. <i>Microbes and Infection</i> , 2011, 13, 239-250.	1.9	19
39	Unlipidated Outer Membrane Protein Omp16 (U-Omp16) from Brucella spp. as Nasal Adjuvant Induces a Th1 Immune Response and Modulates the Th2 Allergic Response to Cow's Milk Proteins. <i>PLoS ONE</i> , 2013, 8, e69438.	2.5	19
40	Brucella abortus Omp19 recombinant protein subcutaneously co-delivered with an antigen enhances antigen-specific T helper 1 memory responses and induces protection against parasite challenge. <i>Vaccine</i> , 2016, 34, 430-437.	3.8	15
41	Omp19 Enables Brucella abortus to Evade the Antimicrobial Activity From Host's Proteolytic Defense System. <i>Frontiers in Immunology</i> , 2019, 10, 1436.	4.8	15
42	Omp25-dependent engagement of SLAMF1 by Brucella abortus in dendritic cells limits acute inflammation and favours bacterial persistence in vivo. <i>Cellular Microbiology</i> , 2020, 22, e13164.	2.1	14
43	Oral co-administration of a bacterial protease inhibitor in the vaccine formulation increases antigen delivery at the intestinal epithelial barrier. <i>Journal of Controlled Release</i> , 2019, 293, 158-171.	9.9	13
44	A Novel Bacterial Protease Inhibitor Adjuvant in RBD-Based COVID-19 Vaccine Formulations Containing Alum Increases Neutralizing Antibodies, Specific Germinal Center B Cells and Confers Protection Against SARS-CoV-2 Infection in Mice. <i>Frontiers in Immunology</i> , 2022, 13, 844837.	4.8	13
45	Immunization with Recombinant Brucella Species Outer Membrane Protein Omp16 or Omp19 in Adjuvant Induces Specific CD4 ⁺ and CD8 ⁺ T Cells as Well as Systemic and Oral Protection against Brucella abortus Infection. <i>Infection and Immunity</i> , 2009, 77, 1719-1719.	2.2	9
46	Oral delivery of Brucella spp. recombinant protein U-Omp16 abrogates the IgE-mediated milk allergy. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2015-2023.	3.3	9
47	Diagnostic Usefulness of Antibodies against Ribosome Recycling Factor from Brucella melitensis in Human or Canine Brucellosis. <i>Vaccine Journal</i> , 2002, 9, 366-369.	3.1	7
48	The Trypanosoma cruzi TcTASV-C protein subfamily administrated with U-Omp19 promotes a protective response against a lethal challenge in mice. <i>Vaccine</i> , 2020, 38, 7645-7653.	3.8	6
49	Stability Studies of the Vaccine Adjuvant U-Omp19. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 707-718.	3.3	6
50	Sublingual Omp16-driven redirection of the allergic intestinal response in a pre-clinical model of food allergy. <i>Clinical and Experimental Allergy</i> , 2020, 50, 954-963.	2.9	4
51	Antibodies to the CP24 protein of Brucella melitensis lack diagnostic usefulness in ovine brucellosis. <i>Veterinary Microbiology</i> , 2003, 93, 101-107.	1.9	2
52	U-Omp19 from Brucella abortus increases dmLT immunogenicity and improves protection against Escherichia coli heat-labile toxin (LT) oral challenge. <i>Vaccine</i> , 2020, 38, 5027-5035.	3.8	2