Lakshmi Krishnan

List of Publications by Year
in descending order

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Version: 2024-02-01

55	2,124	230014	263392
papers	citations	27 h-index	45 g-index

55	55	55	2809
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Type I interferon induces necroptosis in macrophages during infection with Salmonella enterica serovar Typhimurium. Nature Immunology, 2012, 13, 954-962.	7.0	378
2	Archaeosome Vaccine Adjuvants Induce Strong Humoral, Cell-Mediated, and Memory Responses: Comparison to Conventional Liposomes and Alum. Infection and Immunity, 2000, 68, 54-63.	1.0	146
3	Multiple Mechanisms Compensate to Enhance Tumor-Protective CD8+ T Cell Response in the Long-Term Despite Poor CD8+ T Cell Priming Initially: Comparison Between an Acute Versus a Chronic Intracellular Bacterium Expressing a Model Antigen. Journal of Immunology, 2002, 168, 5737-5745.	0.4	90
4	Archaeosomes Induce Long-Term CD8+ Cytotoxic T Cell Response to Entrapped Soluble Protein by the Exogenous Cytosolic Pathway, in the Absence of CD4+ T Cell Help. Journal of Immunology, 2000, 165, 5177-5185.	0.4	88
5	Archaeosome adjuvants: Immunological capabilities and mechanism(s) of action. Vaccine, 2008, 26, 2043-2055.	1.7	85
6	The Potent Adjuvant Activity of Archaeosomes Correlates to the Recruitment and Activation of Macrophages and Dendritic Cells In Vivo. Journal of Immunology, 2001, 166, 1885-1893.	0.4	71
7	Immunization of mice with lipopeptide antigens encapsulated in novel liposomes prepared from the polar lipids of various Archaeobacteria elicits rapid and prolonged specific protective immunity against infection with the facultative intracellular pathogen, Listeria monocytogenes. Vaccine, 2001, 19, 3509-3517.	1.7	63
8	Activation of Dendritic Cells by Liposomes Prepared from Phosphatidylinositol Mannosides from Mycobacterium bovis Bacillus Calmette-Guerin and Adjuvant Activity In Vivo. Infection and Immunity, 2004, 72, 5235-5246.	1.0	63
9	Prolonged Antigen Presentation, APC-, and CD8+ T Cell Turnover during Mycobacterial Infection: Comparison withListeria monocytogenes. Journal of Immunology, 2004, 172, 3491-3500.	0.4	57
10	Archaeosomes varying in lipid composition differ in receptor-mediated endocytosis and differentially adjuvant immune responses to entrapped antigen. Archaea, 2003, 1, 151-164.	2.3	56
11	Archaeosomes induce enhanced cytotoxic T lymphocyte responses to entrapped soluble protein in the absence of interleukin 12 and protect against tumor challenge. Cancer Research, 2003, 63, 2526-34.	0.4	56
12	From mice to women: the conundrum of immunity to infection during pregnancy. Journal of Reproductive Immunology, 2013, 97, 62-73.	0.8	54
13	Delayed Expansion and Contraction of CD8+ T Cell Response during Infection with VirulentSalmonella typhimurium. Journal of Immunology, 2006, 177, 1516-1525.	0.4	53
14	Inhibition of ROS and upregulation of inflammatory cytokines by FoxO3a promotes survival against Salmonella typhimurium. Nature Communications, 2016, 7, 12748.	5.8	51
15	Pregnancy Impairs the Innate Immune Resistance toSalmonella typhimuriumLeading to Rapid Fatal Infection. Journal of Immunology, 2007, 179, 6088-6096.	0.4	48
16	A structural comparison of the total polar lipids from the human archaea Methanobrevibacter smithii and Methanosphaera stadtmanae and its relevance to the adjuvant activities of their liposomes11Publication number 42395 of the National Research Council of Canada.. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1440, 275-288.	1.2	46
17	Phosphatidylserine Receptor-Mediated Recognition of Archaeosome Adjuvant Promotes Endocytosis and MHC Class I Cross-Presentation of the Entrapped Antigen by Phagosome-to-Cytosol Transport and Classical Processing. Journal of Immunology, 2004, 173, 566-578.	0.4	46
18	Nasal and pulmonary vaccine delivery using particulate carriers. Expert Opinion on Drug Delivery, 2015, 12, 993-1008.	2.4	45

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19	Rapid Clonal Expansion and Prolonged Maintenance of Memory CD8+ T Cells of the Effector (CD44highCD62Llow) and Central (CD44highCD62Lhigh) Phenotype by an Archaeosome Adjuvant Independent of TLR2. Journal of Immunology, 2007, 178, 2396-2406.	0.4	43
20	Archaeobacterial Ether Lipid Liposomes as Vaccine Adjuvants. Methods in Enzymology, 2003, 373, 155-172.	0.4	39
21	A Reduced Antigen Load In Vivo, Rather Than Weak Inflammation, Causes a Substantial Delay in CD8+ T Cell Priming againstMycobacterium bovis(Bacillus Calmette-Guelrin). Journal of Immunology, 2007, 179, 211-220.	0.4	37
22	Intracellular Bacterial Vectors That Induce CD8+ T Cells with Similar Cytolytic Abilities but Disparate Memory Phenotypes Provide Contrasting Tumor Protection. Cancer Research, 2009, 69, 4327-4334.	0.4	35
23	A comparison of the immune responses induced by antigens in three different archaeosome-based vaccine formulations. International Journal of Pharmaceutics, 2019, 561, 187-196.	2.6	34
24	Archaeosomes as Self-adjuvanting Delivery Systems for Cancer Vaccines*. Journal of Drug Targeting, 2003, 11, 515-524.	2.1	32
25	Salmonella entericaSerovar Typhimurium-Induced Placental Inflammation and Not Bacterial Burden Correlates with Pathology and Fatal Maternal Disease. Infection and Immunity, 2010, 78, 2292-2301.	1.0	31
26	Sulfated archaeal glycolipid archaeosomes as a safe and effective vaccine adjuvant for induction of cell-mediated immunity. Human Vaccines and Immunotherapeutics, 2017, 13, 2772-2779.	1.4	29
27	Archaeosome Adjuvant Overcomes Tolerance to Tumor-Associated Melanoma Antigens Inducing Protective CD8⁺T Cell Responses. Clinical and Developmental Immunology, 2010, 2010, 1-13.	3.3	28
28	Sulfated archaeol glycolipids: Comparison with other immunological adjuvants in mice. PLoS ONE, 2018, 13, e0208067.	1.1	28
29	Immunogenic and efficacious SARS-CoV-2 vaccine based on resistin-trimerized spike antigen SmT1 and SLA archaeosome adjuvant. Scientific Reports, 2021, 11, 21849.	1.6	26
30	Archaeal glycolipid adjuvanted vaccines induce strong influenza-specific immune responses through direct immunization in young and aged mice or through passive maternal immunization. Vaccine, 2019, 37, 7108-7116.	1.7	24
31	Effect of Different Adjuvants on the Longevity and Strength of Humoral and Cellular Immune Responses to the HCV Envelope Glycoproteins. Vaccines, 2019, 7, 204.	2.1	23
32	Safety and biodistribution of sulfated archaeal glycolipid archaeosomes as vaccine adjuvants. Human Vaccines and Immunotherapeutics, 2018, 14, 1746-1759.	1.4	21
33	Simplified Admix Archaeal Glycolipid Adjuvanted Vaccine and Checkpoint Inhibitor Therapy Combination Enhances Protection from Murine Melanoma. Biomedicines, 2019, 7, 91.	1.4	21
34	Preexisting Inflammation Due to Mycobacterium bovis BCG Infection Differentially Modulates T-Cell Priming against a Replicating or Nonreplicating Immunogen. Infection and Immunity, 2002, 70, 1957-1964.	1.0	20
35	Maintenance and Attrition of T-Cell Memory. Critical Reviews in Immunology, 2003, 23, 129-147.	1.0	17
36	Culling of APCs by inflammatory cell death pathways restricts TIM3 and PD-1 expression and promotes the survival of primed CD8 T cells. Cell Death and Differentiation, 2017, 24, 1900-1911.	5.0	14

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37	An Archaeosome-Adjuvanted Vaccine and Checkpoint Inhibitor Therapy Combination Significantly Enhances Protection from Murine Melanoma. Vaccines, 2017, 5, 38.	2.1	14
38	Mechanistic insight into the induction of cellular immune responses by encapsulated and admixed archaeosome-based vaccine formulations. Human Vaccines and Immunotherapeutics, 2020, 16, 2183-2195.	1.4	14
39	ORIGINAL ARTICLE: Pregnancy Does not Deter the Development of a Potent Maternal Protective CD8⁺ Tâ€€ell Acquired Immune Response Against Listeria Monocytogenes Despite Preferential Placental Colonization. American Journal of Reproductive Immunology, 2010, 63, 54-65.	1.2	11
40	Lack of Functional Selectin Ligand Interactions Compromises Long Term Tumor Protection by CD8+ T Cells. PLoS ONE, 2012, 7, e32211.	1.1	10
41	Homologous Prime-Boost Vaccination with OVA Entrapped in Self-Adjuvanting Archaeosomes Induces High Numbers of OVA-Specific CD8+ T Cells that Protect Against Subcutaneous B16-OVA Melanoma. Vaccines, 2016, 4, 44.	2.1	9
42	Modulation of Th17 and regulatory Tâ€€ell responses during murine pregnancy contributes to increased maternal susceptibility to Salmonella Typhimurium infection. American Journal of Reproductive Immunology, 2017, 78, e12742.	1.2	9
43	The Synergistic Effects of Sulfated Lactosyl Archaeol Archaeosomes When Combined with Different Adjuvants in a Murine Model. Pharmaceutics, 2021, 13, 205.	2.0	9
44	Modulation of Antigenic Location Converts Chronic into Acute Infection by Forcing CD8+ T Cell Recognition. Cell Reports, 2012, 2, 1710-1721.	2.9	8
45	Type I interferons differentially modulate maternal host immunity to infection by Listeria monocytogenes and Salmonella enterica serovar Typhimurium during pregnancy. American Journal of Reproductive Immunology, 2019, 81, e13068.	1.2	8
46	Assessment of stability of sulphated lactosyl archaeol archaeosomes for use as a vaccine adjuvant. Journal of Liposome Research, 2021, 31, 237-245.	1.5	8
47	Sulfated Lactosyl Archaeol Archaeosomes Synergize with Poly(I:C) to Enhance the Immunogenicity and Efficacy of a Synthetic Long Peptide-Based Vaccine in a Melanoma Tumor Model. Pharmaceutics, 2021, 13, 257.	2.0	7
48	Analysis of the capacity of Salmonella enterica Typhimurium to infect the human Placenta. Placenta, 2019, 83, 43-52.	0.7	6
49	Lack of functional selectin-ligand interactions enhances innate immune resistance to systemic Listeria monocytogenes infection. Journal of Leukocyte Biology, 2018, 103, 355-368.	1.5	3
50	SLC11A1 is expressed in the human placenta across multiple gestational ages. Placenta, 2019, 75, 23-26.	0.7	3
51	Archaeosome Vaccine Adjuvants for Cross-Priming CD8+ T-Cell Immunity. , 0, , 263-294.		2
52	Canadian Adjuvant Initiative Workshop, March 26â€“27, 2013â€”Ottawa, Canada. Human Vaccines and Immunotherapeutics, 2014, 10, 519-526.	1.4	2
53	Archaeosome Vaccines. , 0, , 496-510.		2
54	IFNâ€alpha receptor deficiency enhances host resistance to oral Salmonella enterica serovar Typhimurium infection during murine pregnancy. American Journal of Reproductive Immunology, 2021, 86, e13454.	1.2	1

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55	Next Generation Vaccine Biomarkers workshop October 30â€“31, 2014 â€“ Ottawa, Canada. Human Vaccines and Immunotherapeutics, 2015, 11, 2923-2930.	1.4	0