

Lisa H Tostanoski

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

6,243
citations

218592

26
h-index

243529

44
g-index

50
all docs

50
docs citations

50
times ranked

10859
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive transfer of Ad26.COVS.S-elicited IgG from humans attenuates SARS-CoV-2 disease in hamsters. <i>Npj Vaccines</i> , 2022, 7, 2.	2.9	2
2	Durability and expansion of neutralizing antibody breadth following Ad26.COVS.S vaccination of mice. <i>Npj Vaccines</i> , 2022, 7, 23.	2.9	6
3	SARS-CoV-2 receptor binding domain displayed on HBsAg virus-like particles elicits protective immunity in macaques. <i>Science Advances</i> , 2022, 8, eabl6015.	4.7	27
4	Reduced pathogenicity of the SARS-CoV-2 omicron variant in hamsters. <i>Med</i> , 2022, 3, 262-268.e4.	2.2	117
5	Defining the determinants of protection against SARS-CoV-2 infection and viral control in a dose-down Ad26.CoV2.S vaccine study in nonhuman primates. <i>PLoS Biology</i> , 2022, 20, e3001609.	2.6	14
6	Reduced SARS-CoV-2 disease outcomes in Syrian hamsters receiving immune sera: Quantitative image analysis in pathologic assessments. <i>Veterinary Pathology</i> , 2022, , 030098582210957.	0.8	2
7	Novel approaches for vaccine development. <i>Cell</i> , 2021, 184, 1589-1603.	13.5	145
8	Exploiting Rational Assembly to Map Distinct Roles of Regulatory Cues during Autoimmune Therapy. <i>ACS Nano</i> , 2021, 15, 4305-4320.	7.3	13
9	Immunogenicity of the Ad26.COVS.S Vaccine for COVID-19. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 1535.	3.8	260
10	Protective efficacy of Ad26.COVS.S against SARS-CoV-2 B.1.351 in macaques. <i>Nature</i> , 2021, 596, 423-427.	13.7	40
11	Immunogenicity of Ad26.COVS.S vaccine against SARS-CoV-2 variants in humans. <i>Nature</i> , 2021, 596, 268-272.	13.7	290
12	Low-dose Ad26.COVS.S protection against SARS-CoV-2 challenge in rhesus macaques. <i>Cell</i> , 2021, 184, 3467-3473.e11.	13.5	49
13	Correlates of Neutralization against SARS-CoV-2 Variants of Concern by Early Pandemic Sera. <i>Journal of Virology</i> , 2021, 95, e0040421.	1.5	34
14	Immunogenicity of COVID-19 mRNA Vaccines in Pregnant and Lactating Women. <i>JAMA - Journal of the American Medical Association</i> , 2021, 325, 2370.	3.8	307
15	Immunity elicited by natural infection or Ad26.COVS.S vaccination protects hamsters against SARS-CoV-2 variants of concern. <i>Science Translational Medicine</i> , 2021, 13, eabj3789.	5.8	32
16	Prior infection with SARS-CoV-2 WA1/2020 partially protects rhesus macaques against reinfection with B.1.1.7 and B.1.351 variants. <i>Science Translational Medicine</i> , 2021, 13, eabj2641.	5.8	15
17	Protective Efficacy of Rhesus Adenovirus COVID-19 Vaccines against Mouse-Adapted SARS-CoV-2. <i>Journal of Virology</i> , 2021, 95, e0097421.	1.5	12
18	Engineered SARS-CoV-2 receptor binding domain improves manufacturability in yeast and immunogenicity in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	68

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19	Correlates of protection against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , 2021, 590, 630-634.	13.7	995
20	Single-shot Ad26 vaccine protects against SARS-CoV-2 in rhesus macaques. <i>Nature</i> , 2020, 586, 583-588.	13.7	765
21	Ad26 vaccine protects against SARS-CoV-2 severe clinical disease in hamsters. <i>Nature Medicine</i> , 2020, 26, 1694-1700.	15.2	275
22	SARS-CoV-2 infection protects against rechallenge in rhesus macaques. <i>Science</i> , 2020, 369, 812-817.	6.0	789
23	DNA vaccine protection against SARS-CoV-2 in rhesus macaques. <i>Science</i> , 2020, 369, 806-811.	6.0	978
24	Adenovirus Vector-Based Vaccines Confer Maternal-Fetal Protection against Zika Virus Challenge in Pregnant IFN- β Mice. <i>Cell Host and Microbe</i> , 2019, 26, 591-600.e4.	5.1	26
25	Engineering release kinetics with polyelectrolyte multilayers to modulate TLR signaling and promote immune tolerance. <i>Biomaterials Science</i> , 2019, 7, 798-808.	2.6	16
26	Differential Regulation of T-cell Immunity and Tolerance by Stromal Laminin Expressed in the Lymph Node. <i>Transplantation</i> , 2019, 103, 2075-2089.	0.5	26
27	Advanced manufacturing of microdisk vaccines for uniform control of material properties and immune cell function. <i>Biomaterials Science</i> , 2018, 6, 115-124.	2.6	10
28	Low-dose controlled release of mTOR inhibitors maintains T cell plasticity and promotes central memory T cells. <i>Journal of Controlled Release</i> , 2017, 263, 151-161.	4.8	28
29	Controlled Release of Second Generation mTOR Inhibitors to Restrain Inflammation in Primary Immune Cells. <i>AAPS Journal</i> , 2017, 19, 1175-1185.	2.2	14
30	Engineering Immunological Tolerance Using Quantum Dots to Tune the Density of Self-Antigen Display. <i>Advanced Functional Materials</i> , 2017, 27, 1700290.	7.8	67
31	Engineering self-assembled materials to study and direct immune function. <i>Advanced Drug Delivery Reviews</i> , 2017, 114, 60-78.	6.6	52
32	Polyplexes assembled from self-peptides and regulatory nucleic acids blunt toll-like receptor signaling to combat autoimmunity. <i>Biomaterials</i> , 2017, 118, 51-62.	5.7	52
33	<i>In Vivo</i> Expansion of Melanoma-Specific T Cells Using Microneedle Arrays Coated with Immune-Polyelectrolyte Multilayers. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 195-205.	2.6	77
34	Assembly and Immunological Processing of Polyelectrolyte Multilayers Composed of Antigens and Adjuvants. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18722-18731.	4.0	38
35	Design of Polyelectrolyte Multilayers to Promote Immunological Tolerance. <i>ACS Nano</i> , 2016, 10, 9334-9345.	7.3	68
36	Targeted Programming of the Lymph Node Environment Causes Evolution of Local and Systemic Immunity. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 418-432.	1.0	13

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37	Reprogramming the Local Lymph Node Microenvironment Promotes Tolerance that Is Systemic and Antigen Specific. <i>Cell Reports</i> , 2016, 16, 2940-2952.	2.9	127
38	Engineering tolerance using biomaterials to target and control antigen presenting cells. <i>Discovery Medicine</i> , 2016, 21, 403-10.	0.5	25
39	Polyelectrolyte Multilayers Assembled Entirely from Immune Signals on Gold Nanoparticle Templates Promote Antigen-Specific T Cell Response. <i>ACS Nano</i> , 2015, 9, 6465-6477.	7.3	134
40	Controlled delivery of a metabolic modulator promotes regulatory T cells and restrains autoimmunity. <i>Journal of Controlled Release</i> , 2015, 210, 169-178.	4.8	42
41	Modular Vaccine Design Using Carrier-Free Capsules Assembled from Polyionic Immune Signals. <i>ACS Biomaterials Science and Engineering</i> , 2015, 1, 1200-1205.	2.6	57
42	Intra-lymph Node Injection of Biodegradable Polymer Particles. <i>Journal of Visualized Experiments</i> , 2014, , e50984.	0.2	33