Norbert Pardi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7664046/publications.pdf

Version: 2024-02-01

58	9,167	101543	155660
papers	citations	36 h-index	55 g-index

69	69	69	10190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	mRNA vaccines â€" a new era in vaccinology. Nature Reviews Drug Discovery, 2018, 17, 261-279.	46.4	2,668
2	Zika virus protection by a single low-dose nucleoside-modified mRNA vaccination. Nature, 2017, 543, 248-251.	27.8	699
3	Expression kinetics of nucleoside-modified mRNA delivered in lipid nanoparticles to mice by various routes. Journal of Controlled Release, 2015, 217, 345-351.	9.9	629
4	Nucleoside-modified mRNA vaccines induce potent T follicular helper and germinal center B cell responses. Journal of Experimental Medicine, 2018, 215, 1571-1588.	8.5	366
5	D614G Spike Mutation Increases SARS CoV-2 Susceptibility to Neutralization. Cell Host and Microbe, 2021, 29, 23-31.e4.	11.0	308
6	Recent advances in mRNA vaccine technology. Current Opinion in Immunology, 2020, 65, 14-20.	5.5	295
7	SARS-CoV-2 mRNA Vaccines Foster Potent Antigen-Specific Germinal Center Responses Associated with Neutralizing Antibody Generation. Immunity, 2020, 53, 1281-1295.e5.	14.3	285
8	A Single Immunization with Nucleoside-Modified mRNA Vaccines Elicits Strong Cellular and Humoral Immune Responses against SARS-CoV-2 in Mice. Immunity, 2020, 53, 724-732.e7.	14.3	267
9	Lipid nanoparticles enhance the efficacy of mRNA and protein subunit vaccines by inducing robust T follicular helper cell and humoral responses. Immunity, 2021, 54, 2877-2892.e7.	14.3	260
10	Administration of nucleoside-modified mRNA encoding broadly neutralizing antibody protects humanized mice from HIV-1 challenge. Nature Communications, 2017, 8, 14630.	12.8	259
11	Neutralizing antibody vaccine for pandemic and pre-emergent coronaviruses. Nature, 2021, 594, 553-559.	27.8	199
12	In vivo adenine base editing of PCSK9 in macaques reduces LDL cholesterol levels. Nature Biotechnology, 2021, 39, 949-957.	17.5	196
13	Nucleoside-modified mRNA immunization elicits influenza virus hemagglutinin stalk-specific antibodies. Nature Communications, 2018, 9, 3361.	12.8	189
14	A Multi-Targeting, Nucleoside-Modified mRNA Influenza Virus Vaccine Provides Broad Protection in Mice. Molecular Therapy, 2020, 28, 1569-1584.	8.2	188
15	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. Immunity, 2020, 52, 842-855.e6.	14.3	144
16	Chimeric spike mRNA vaccines protect against Sarbecovirus challenge in mice. Science, 2021, 373, 991-998.	12.6	144
17	In Vitro Transcription of Long RNA Containing Modified Nucleosides. Methods in Molecular Biology, 2013, 969, 29-42.	0.9	130
18	HPLC Purification of In Vitro Transcribed Long RNA. Methods in Molecular Biology, 2013, 969, 43-54.	0.9	130

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19	mRNA Vaccines in the COVID-19 Pandemic and Beyond. Annual Review of Medicine, 2022, 73, 17-39.	12.2	120
20	PECAM-1 directed re-targeting of exogenous mRNA providing two orders of magnitude enhancement of vascular delivery and expression in lungs independent of apolipoprotein E-mediated uptake. Journal of Controlled Release, 2018, 291, 106-115.	9.9	106
21	Lyophilization provides long-term stability for a lipid nanoparticle-formulated, nucleoside-modified mRNA vaccine. Molecular Therapy, 2022, 30, 1941-1951.	8.2	98
22	Selective targeting of nanomedicine to inflamed cerebral vasculature to enhance the bloodâ€“brain barrier. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3405-3414.	7.1	97
23	Highly efficient CD4+ TÂcell targeting and genetic recombination using engineered CD4+ cell-homing mRNA-LNPs. Molecular Therapy, 2021, 29, 3293-3304.	8.2	88
24	Nucleoside Modified mRNA Vaccines for Infectious Diseases. Methods in Molecular Biology, 2017, 1499, 109-121.	0.9	86
25	Purification of mRNA Encoding Chimeric Antigen Receptor Is Critical for Generation of a Robust T-Cell Response. Human Gene Therapy, 2019, 30, 168-178.	2.7	81
26	Characterization of HIV-1 Nucleoside-Modified mRNA Vaccines in Rabbits and Rhesus Macaques. Molecular Therapy - Nucleic Acids, 2019, 15, 36-47.	5.1	79
27	Nucleoside-modified mRNA encoding HSV-2 glycoproteins C, D, and E prevents clinical and subclinical genital herpes. Science Immunology, 2019, 4, .	11.9	72
28	mRNA vaccination induces tick resistance and prevents transmission of the Lyme disease agent. Science Translational Medicine, 2021, 13, eabj9827.	12.4	71
29	Development of vaccines and antivirals for combating viral pandemics. Nature Biomedical Engineering, 2020, 4, 1128-1133.	22.5	66
30	New Kids on the Block: RNA-Based Influenza Virus Vaccines. Vaccines, 2018, 6, 20.	4.4	61
31	Murine liver repair via transient activation of regenerative pathways in hepatocytes using lipid nanoparticle-complexed nucleoside-modified mRNA. Nature Communications, 2021, 12, 613.	12.8	61
32	Anti-PfGARP activates programmed cell death of parasites and reduces severe malaria. Nature, 2020, 582, 104-108.	27.8	59
33	Messenger RNA expressing PfCSP induces functional, protective immune responses against malaria in mice. Npj Vaccines, 2021, 6, 84.	6.0	52
34	Added to pre-existing inflammation, mRNA-lipid nanoparticles induce inflammation exacerbation (IE). Journal of Controlled Release, 2022, 344, 50-61.	9.9	49
35	Lipid nanoparticle encapsulated nucleoside-modified mRNA vaccines elicit polyfunctional HIV-1 antibodies comparable to proteins in nonhuman primates. Npj Vaccines, 2021, 6, 50.	6.0	46
36	Messenger RNA-Based Vaccines Against Infectious Diseases. Current Topics in Microbiology and Immunology, 2020, , 111-145.	1.1	43

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37	Human Cytomegalovirus Glycoprotein B Nucleoside-Modified mRNA Vaccine Elicits Antibody Responses with Greater Durability and Breadth than MF59-Adjuvanted gB Protein Immunization. Journal of Virology, 2020, 94, .	3.4	37
38	Vaccination with Messenger RNA: A Promising Alternative to DNA Vaccination. Methods in Molecular Biology, 2021, 2197, 13-31.	0.9	33
39	An HSV-2 nucleoside-modified mRNA genital herpes vaccine containing glycoproteins gC, gD, and gE protects mice against HSV-1 genital lesions and latent infection. PLoS Pathogens, 2020, 16, e1008795.	4.7	31
40	Nucleoside-modified VEGFC mRNA induces organ-specific lymphatic growth and reverses experimental lymphedema. Nature Communications, 2021, 12, 3460.	12.8	30
41	Increased surface expression of HIV-1 envelope is associated with improved antibody response in vaccinia prime/protein boost immunization. Virology, 2018, 514, 106-117.	2.4	29
42	Nucleoside-modified mRNA vaccination partially overcomes maternal antibody inhibition of de novo immune responses in mice. Science Translational Medicine, 2020, 12, .	12.4	27
43	Lipid nanoparticle chemistry determines how nucleoside base modifications alter mRNA delivery. Journal of Controlled Release, 2022, 341, 206-214.	9.9	27
44	Nucleoside-Modified mRNA Vaccines Protect IFNAR ^{â€“/â€“} Mice against Crimean-Congo Hemorrhagic Fever Virus Infection. Journal of Virology, 2022, 96, JVI0156821.	3.4	24
45	Protection against herpes simplex virus type 2 infection in a neonatal murine model using a trivalent nucleoside-modified mRNA in lipid nanoparticle vaccine. Vaccine, 2020, 38, 7409-7413.	3.8	23
46	mRNA-encoded HIV-1 Env trimer ferritin nanoparticles induce monoclonal antibodies that neutralize heterologous HIV-1 isolates in mice. Cell Reports, 2022, 38, 110514.	6.4	23
47	Lipid-nanoparticle-encapsulated mRNA vaccines induce protective memory CD8 TÂcells against a lethal viral infection. Molecular Therapy, 2021, 29, 2769-2781.	8.2	20
48	Antigen modifications improve nucleoside-modified mRNA-based influenza virus vaccines in mice. Molecular Therapy - Methods and Clinical Development, 2021, 22, 84-95.	4.1	20
49	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. Journal of Clinical Investigation, 2021, 131, .	8.2	17
50	Tick immunity using mRNA, DNA and protein-based Salp14 delivery strategies. Vaccine, 2021, 39, 7661-7668.	3.8	16
51	mRNA Innovates the Vaccine Field. Vaccines, 2021, 9, 486.	4.4	11
52	Measuring the Adjuvant Activity of RNA Vaccines. Methods in Molecular Biology, 2017, 1499, 143-153.	0.9	8
53	Transient yet Robust Expression of Proteins in the Mouse Liver via Intravenous Injection of Lipid Nanoparticle-encapsulated Nucleoside-modified mRNA. Bio-protocol, 2021, 11, e4184.	0.4	7
54	Generating an Anti-HIV Vaccine Using Nucleoside-modified mRNA Encoding Envelope. AIDS Research and Human Retroviruses, 2014, 30, A249-A249.	1.1	1

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55	Title is missing!. , 2020, 16, e1008795.		0
56	Title is missing!. , 2020, 16, e1008795.		0
57	Title is missing!. , 2020, 16, e1008795.		0
58	Title is missing!. , 2020, 16, e1008795.		0