

# Nikolai Petrovsky

## List of Publications by Year in descending order

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Version: 2024-02-01

299  
papers

23,409  
citations

23500

58  
h-index

8835

145  
g-index

318  
all docs

318  
docs citations

318  
times ranked

27356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined delivery of TLR2 and TLR7 agonists by Nanostructured lipid carriers induces potent vaccine adjuvant activity in mice. <i>International Journal of Pharmaceutics</i> , 2022, 613, 121378.	2.6	6
2	An adjuvanted subunit SARS-CoV-2 spike protein vaccine provides protection against Covid-19 infection and transmission. <i>Npj Vaccines</i> , 2022, 7, 24.	2.9	18
3	Evaluation of a Novel Adjuvanted Vaccine for Ultrashort Regimen Therapy of Artemisia Pollen-Induced Allergic Bronchial Asthma in a Mouse Model. <i>Frontiers in Immunology</i> , 2022, 13, 828690.	2.2	5
4	A vaccine targeting the L9 epitope of the malaria circumsporozoite protein confers protection from blood-stage infection in a mouse challenge model. <i>Npj Vaccines</i> , 2022, 7, 34.	2.9	5
5	A Spike Protein-Based Subunit SARS-CoV-2 Vaccine for Pets: Safety, Immunogenicity, and Protective Efficacy in Juvenile Cats. <i>Frontiers in Veterinary Science</i> , 2022, 9, 815978.	0.9	12
6	Safety and immunogenicity of SpikoGen <sup>®</sup> , an Advax-CpG55.2-adjuvanted SARS-CoV-2 spike protein vaccine: a phase 2 randomized placebo-controlled trial in both seropositive and seronegative populations. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1263-1271.	2.8	37
7	Covax-19/Spikogen <sup>®</sup> vaccine based on recombinant spike protein extracellular domain with Advax-CpG55.2 adjuvant provides single dose protection against SARS-CoV-2 infection in hamsters. <i>Vaccine</i> , 2022, 40, 3182-3192.	1.7	25
8	Enhanced Immunogenicity of Inactivated Dengue Vaccines by Novel Polysaccharide-Based Adjuvants in Mice. <i>Microorganisms</i> , 2022, 10, 1034.	1.6	1
9	Co-Administration of Adjuvanted Recombinant Ov-103 and Ov-RAL-2 Vaccines Confer Protection against Natural Challenge in A Bovine <i>Onchocerca ochengi</i> Infection Model of Human Onchocerciasis. <i>Vaccines</i> , 2022, 10, 861.	2.1	5
10	A typhoid fever protein capsular matrix vaccine candidate formulated with Advax-CpG adjuvant induces a robust and durable anti-typhoid Vi polysaccharide antibody response in mice, rabbits and nonhuman primates. <i>Vaccine</i> , 2022, 40, 4625-4634.	1.7	4
11	Potential COVID-19 Therapies from Computational Repurposing of Drugs and Natural Products against the SARS-CoV-2 Helicase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7704.	1.8	5
12	Immunogenicity and safety of SpikoGen <sup>®</sup> , an adjuvanted recombinant SARS-CoV-2 spike protein vaccine as a homologous and heterologous booster vaccination: A randomized placebo-controlled trial. <i>Immunology</i> , 2022, 167, 340-353.	2.0	26
13	Toll-like receptor (TLR) agonists as a driving force behind next-generation vaccine adjuvants and cancer therapeutics. <i>Current Opinion in Chemical Biology</i> , 2022, 70, 102172.	2.8	40
14	Developing Translational Vaccines against Heroin and Fentanyl through Investigation of Adjuvants and Stability. <i>Molecular Pharmaceutics</i> , 2021, 18, 228-235.	2.3	11
15	TLR2 Agonistic Small Molecules: Detailed Structure-Activity Relationship, Applications, and Future Prospects. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 233-278.	2.9	26
16	An epitope-based malaria vaccine targeting the junctional region of circumsporozoite protein. <i>Npj Vaccines</i> , 2021, 6, 13.	2.9	34
17	Strategies for active and passive pediatric RSV immunization. , 2021, 9, 251513552098151.	1.4	13
18	Structural evolution of toll-like receptor 7/8 agonists from imidazoquinolines to imidazoles. <i>RSC Medicinal Chemistry</i> , 2021, 12, 1065-1120.	1.7	15

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19	Intrapulmonary vaccination with delta-inulin adjuvant stimulates non-polarised chemotactic signalling and diverse cellular interaction. <i>Mucosal Immunology</i> , 2021, 14, 762-773.	2.7	8
20	Human plasmacytoid dendritic cells at the crossroad of type I interferon-regulated B cell differentiation and antiviral response to tick-borne encephalitis virus. <i>PLoS Pathogens</i> , 2021, 17, e1009505.	2.1	6
21	Intranasal powder live attenuated influenza vaccine is thermostable, immunogenic, and protective against homologous challenge in ferrets. <i>Npj Vaccines</i> , 2021, 6, 59.	2.9	9
22	Advax adjuvant formulations promote protective immunity against aerosol Mycobacterium tuberculosis in the absence of deleterious inflammation and reactogenicity. <i>Vaccine</i> , 2021, 39, 1990-1996.	1.7	4
23	Advax-CpG Adjuvant Provides Antigen Dose-Sparing and Enhanced Immunogenicity for Inactivated Poliomyelitis Virus Vaccines. <i>Pathogens</i> , 2021, 10, 500.	1.2	11
24	Toll-like receptor-7/8 agonist kill <i>Leishmania amazonensis</i> by acting as pro-oxidant and pro-inflammatory agent. <i>Journal of Pharmacy and Pharmacology</i> , 2021, 73, 1180-1190.	1.2	5
25	Immunogenicity of Adjuvanted Psoralen-Inactivated SARS-CoV-2 Vaccines and SARS-CoV-2 Spike Protein DNA Vaccines in BALB/c Mice. <i>Pathogens</i> , 2021, 10, 626.	1.2	7
26	In Vitro Characterization of the Innate Immune Pathways Engaged by Live and Inactivated Tick-Borne Encephalitis Virus. <i>Vaccines</i> , 2021, 9, 664.	2.1	3
27	In silico comparison of SARS-CoV-2 spike protein-ACE2 binding affinities across species and implications for virus origin. <i>Scientific Reports</i> , 2021, 11, 13063.	1.6	77
28	Impaired Ca <sup>2+</sup> signaling due to hepatic steatosis mediates hepatic insulin resistance in Alström syndrome mice that is reversed by GLP-1 analog treatment. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C187-C198.	2.1	5
29	A M2 protein-based universal influenza vaccine containing Advax-SM adjuvant provides newborn protection via maternal or neonatal immunization. <i>Vaccine</i> , 2021, 39, 5162-5172.	1.7	9
30	Combination Adjuvants Enhance Recombinant Protein Vaccine Protection against Fungal Infection. <i>MBio</i> , 2021, 12, e0201821.	1.8	5
31	Immunisation of ferrets and mice with recombinant SARS-CoV-2 spike protein formulated with Advax-SM adjuvant protects against COVID-19 infection. <i>Vaccine</i> , 2021, 39, 5940-5953.	1.7	44
32	Computationally repurposed drugs and natural products against RNA dependent RNA polymerase as potential COVID-19 therapies. <i>Molecular Biomedicine</i> , 2021, 2, 28.	1.7	10
33	A truncated glycoprotein G vaccine formulated with Advax-CpG adjuvant provides protection of mice against genital herpes simplex virus 2 infection. <i>Vaccine</i> , 2021, 39, 5866-5875.	1.7	9
34	Lethal Human Coronavirus Infections and the Role of Vaccines in Their Prevention. , 2021, , 533-549.		1
35	Onchocerca volvulus bivalent subunit vaccine induces protective immunity in genetically diverse collaborative cross recombinant inbred intercross mice. <i>Npj Vaccines</i> , 2021, 6, 17.	2.9	11
36	Relative Adipose Tissue Failure in Alström Syndrome Drives Obesity-Induced Insulin Resistance. <i>Diabetes</i> , 2021, 70, 364-376.	0.3	23

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37	An Advax-Adjuvanted Inactivated Cell-Culture Derived Japanese Encephalitis Vaccine Induces Broadly Neutralising Anti-Flavivirus Antibodies, Robust Cellular Immunity and Provides Single Dose Protection. <i>Vaccines</i> , 2021, 9, 1235.	2.1	5
38	Rapid development of analytical methods for evaluating pandemic vaccines: a COVID-19 perspective. <i>Bioanalysis</i> , 2021, 13, 1805-1826.	0.6	11
39	In vitro assessment of tick-borne encephalitis vaccine: Suitable human cell platforms and potential biomarkers. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 431-441.	0.9	1
40	Flavivirus DNA Vaccine Design and Adjuvant Selection. <i>Methods in Molecular Biology</i> , 2021, 2183, 405-422.	0.4	1
41	Novel adjuvants enhance immune responses elicited by a replication-defective human cytomegalovirus vaccine in nonhuman primates. <i>Vaccine</i> , 2021, 39, 7446-7456.	1.7	9
42	Active immunization with tau epitope in a mouse model of tauopathy induced strong antibody response together with improvement in short memory and pSer396-tau pathology. <i>Neurobiology of Disease</i> , 2020, 134, 104636.	2.1	15
43	Characterization of humoral immune responses and degree of protection induced by influenza vaccine in cotton rats: Effects of low vaccine dose and single vs booster vaccination. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 279-291.	1.3	2
44	Prefusion RSV F Immunization Elicits Th2-Mediated Lung Pathology in Mice When Formulated With a Th2 (but Not a Th1/Th2-Balanced) Adjuvant Despite Complete Viral Protection. <i>Frontiers in Immunology</i> , 2020, 11, 1673.	2.2	39
45	Maternal immunization with adjuvanted RSV prefusion F protein effectively protects offspring from RSV challenge and alters innate and T cell immunity. <i>Vaccine</i> , 2020, 38, 7885-7891.	1.7	9
46	Mucosal delivery of a multistage subunit vaccine promotes development of lung-resident memory T cells and affords interleukin-17-dependent protection against pulmonary tuberculosis. <i>Npj Vaccines</i> , 2020, 5, 105.	2.9	45
47	Vaccine-Induced Th1-Type Response Protects against Invasive Group A <i>Streptococcus</i> Infection in the Absence of Opsonizing Antibodies. <i>MBio</i> , 2020, 11, .	1.8	33
48	Adjuvant selection impacts the correlates of vaccine protection against Ebola infection. <i>Vaccine</i> , 2020, 38, 4601-4608.	1.7	10
49	Influence of Oxidation Degree on the Physicochemical Properties of Oxidized Inulin. <i>Polymers</i> , 2020, 12, 1025.	2.0	11
50	Comparison of influenza-specific neutralizing antibody titers determined using different assay readouts and hemagglutination inhibition titers: good correlation but poor agreement. <i>Vaccine</i> , 2020, 38, 2527-2541.	1.7	17
51	BBIQ, a pure TLR7 agonist, is an effective influenza vaccine adjuvant. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 1989-1996.	1.4	10
52	Rational Structure-Based Drug Design. , 2019, , 585-600.		3
53	Adjuvant Strategies for More Effective Tuberculosis Vaccine Immunity. <i>Microorganisms</i> , 2019, 7, 255.	1.6	28
54	Neonatal vaccine effectiveness and the role of adjuvants. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 869-878.	1.3	12

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55	Randomized controlled trial demonstrating the benefits of delta inulin adjuvanted immunotherapy in patients with bee venom allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 504-513.e16.	1.5	17
56	A MultiTEP platform-based epitope vaccine targeting the phosphatase activating domain (PAD) of tau: therapeutic efficacy in PS19 mice. <i>Scientific Reports</i> , 2019, 9, 15455.	1.6	18
57	Synthesis and Characterization of pH-Sensitive Inulin Conjugate of Isoniazid for Monocyte-Targeted Delivery. <i>Pharmaceutics</i> , 2019, 11, 555.	2.0	16
58	Doxorubicin-Loaded Delta Inulin Conjugates for Controlled and Targeted Drug Delivery: Development, Characterization, and In Vitro Evaluation. <i>Pharmaceutics</i> , 2019, 11, 581.	2.0	20
59	Enhanced Antiviral Activity of Human Surfactant Protein D by Site-Specific Engineering of the Carbohydrate Recognition Domain. <i>Frontiers in Immunology</i> , 2019, 10, 2476.	2.2	10
60	MicroRNA-Related Genetic Variants Are Associated With Diabetic Retinopathy in Type 1 Diabetes Mellitus. , 2019, 60, 3937.		11
61	Mitochondrial haplogroups are not associated with diabetic retinopathy in a large Australian and British Caucasian sample. <i>Scientific Reports</i> , 2019, 9, 612.	1.6	2
62	Design and Characterization of Inulin Conjugate for Improved Intracellular and Targeted Delivery of Pyrazinoic Acid to Monocytes. <i>Pharmaceutics</i> , 2019, 11, 243.	2.0	10
63	Review of polysaccharide particle-based functional drug delivery. <i>Carbohydrate Polymers</i> , 2019, 221, 94-112.	5.1	240
64	Cross-Protective Potential and Protection-Relevant Immune Mechanisms of Whole Inactivated Influenza Virus Vaccines Are Determined by Adjuvants and Route of Immunization. <i>Frontiers in Immunology</i> , 2019, 10, 646.	2.2	14
65	Calcium Signaling As a Therapeutic Target for Liver Steatosis. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 270-281.	3.1	30
66	Efficacy of an Adjuvanted Middle East Respiratory Syndrome Coronavirus Spike Protein Vaccine in Dromedary Camels and Alpacas. <i>Viruses</i> , 2019, 11, 212.	1.5	75
67	A Microfluidic Tumor-on-a-Chip for Assessing Multifunctional Liposomes' Tumor Targeting and Anticancer Efficacy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1900015.	3.9	47
68	Pharmaceutical and preclinical evaluation of Advax adjuvant as a dose-sparing strategy for ant venom immunotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 172, 1-8.	1.4	7
69	Inactivated or damaged? Comparing the effect of inactivation methods on influenza virions to optimize vaccine production. <i>Vaccine</i> , 2019, 37, 1630-1637.	1.7	40
70	Prediction of novel mouse $\hat{A}TLR9$ agonists using a random forest approach. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 56.	1.0	5
71	Testing a MultiTEP-based combination vaccine to reduce $A\beta^2$ and tau pathology in Tau22/5xFAD bigenic mice. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 107.	3.0	19
72	Microfluidic formation of core-shell alginate microparticles for protein encapsulation and controlled release. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 497-503.	5.0	102

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73	Synthesis and characterization of a novel inulin hydrogel crosslinked with pyromellitic dianhydride. <i>Reactive and Functional Polymers</i> , 2019, 134, 104-111.	2.0	42
74	Pulmonary delivery of influenza vaccine formulations in cotton rats: site of deposition plays a minor role in the protective efficacy against clinical isolate of H1N1pdm virus. <i>Drug Delivery</i> , 2018, 25, 533-545.	2.5	25
75	Monophosphoryl Lipid A Adjuvanted Virosomes with Ni Chelating Lipids for Attachment of Conserved Viral Proteins as Cross Protective Influenza Vaccine. <i>Biotechnology Journal</i> , 2018, 13, e1700645.	1.8	20
76	A novel peptide-based vaccine candidate with protective efficacy against influenza A in a mouse model. <i>Virology</i> , 2018, 515, 21-28.	1.1	33
77	The Safety of an Adjuvanted Autologous Cancer Vaccine Platform in Canine Cancer Patients. <i>Veterinary Sciences</i> , 2018, 5, 87.	0.6	5
78	Cross-Protective Immune Responses Induced by Sequential Influenza Virus Infection and by Sequential Vaccination With Inactivated Influenza Vaccines. <i>Frontiers in Immunology</i> , 2018, 9, 2312.	2.2	22
79	Passive inhalation of dry powder influenza vaccine formulations completely protects chickens against H5N1 lethal viral challenge. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 133, 85-95.	2.0	18
80	Advax augments B and T cell responses upon influenza vaccination via the respiratory tract and enables complete protection of mice against lethal influenza virus challenge. <i>Journal of Controlled Release</i> , 2018, 288, 199-211.	4.8	43
81	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. <i>BMC Medical Genetics</i> , 2018, 19, 71.	2.1	49
82	Effector mechanisms of influenza-specific antibodies: neutralization and beyond. <i>Expert Review of Vaccines</i> , 2018, 17, 785-795.	2.0	33
83	Panblok-H1+advax H1N1/2009pdm vaccine: Insights into rapid development of a delta inulin adjuvanted recombinant pandemic influenza vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 1261-1271.	1.4	5
84	X-ray crystal structure of rivoglitazone bound to PPAR $\beta$ and PPAR subtype selectivity of TZDs. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 1981-1991.	1.1	15
85	Multistage vaccines containing outer membrane, type III secretion system and inclusion membrane proteins protects against a Chlamydia genital tract infection and pathology. <i>Vaccine</i> , 2017, 35, 3883-3888.	1.7	18
86	Advax, a Delta Inulin Microparticle, Potentiates In-built Adjuvant Property of Co-administered Vaccines. <i>EBioMedicine</i> , 2017, 15, 127-136.	2.7	39
87	Advax4 delta inulin combination adjuvant together with ECMX, a fusion construct of four protective mTB antigens, induces a potent Th1 immune response and protects mice against <i>Mycobacterium tuberculosis</i> infection. <i>Human Vaccines and Immunotherapeutics</i> , 2017, 13, 2967-2976.	1.4	10
88	Proteomic analysis of influenza haemagglutinin-specific antibodies following vaccination reveals convergent immunoglobulin variable region signatures. <i>Vaccine</i> , 2017, 35, 5576-5580.	1.7	9
89	Investigation of the biodistribution, breakdown and excretion of delta inulin adjuvant. <i>Vaccine</i> , 2017, 35, 4382-4388.	1.7	17
90	Evaluation of the immunogenicity and safety of different doses and formulations of a broad spectrum influenza vaccine (FLU-v) developed by SEEK: study protocol for a single-center, randomized, double-blind and placebo-controlled clinical phase IIb trial. <i>BMC Infectious Diseases</i> , 2017, 17, 241.	1.3	30

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91	Vaccine Adjuvant Nanotechnologies. , 2017, , 127-147.		7
92	Adjuvantation of Pulmonary-Administered Influenza Vaccine with GPI-0100 Primarily Stimulates Antibody Production and Memory B Cell Proliferation. Vaccines, 2017, 5, 19.	2.1	4
93	Distinctive Responses in an In Vitro Human Dendritic Cell-Based System upon Stimulation with Different Influenza Vaccine Formulations. Vaccines, 2017, 5, 21.	2.1	21
94	Improved influenza viral vector based Brucella abortus vaccine induces robust B and T-cell responses and protection against Brucella melitensis infection in pregnant sheep and goats. PLoS ONE, 2017, 12, e0186484.	1.1	16
95	Delta inulin-based adjuvants promote the generation of polyfunctional CD4+ T cell responses and protection against Mycobacterium tuberculosis infection. Scientific Reports, 2017, 7, 8582.	1.6	57
96	DNA prime/protein boost vaccination elicits robust humoral response in rhesus macaques using oligomeric simian immunodeficiency virus envelope and Advax delta inulin adjuvant. Journal of General Virology, 2017, 98, 2143-2155.	1.3	9
97	Molecular Adjuvants for DNA Vaccines. Current Issues in Molecular Biology, 2017, 22, 17-40.	1.0	49
98	Delta inulin-derived adjuvants that elicit Th1 phenotype following vaccination reduces respiratory syncytial virus lung titers without a reduction in lung immunopathology. Human Vaccines and Immunotherapeutics, 2016, 12, 2096-2105.	1.4	21
99	Development of a SARS Coronavirus Vaccine from Recombinant Spike Protein Plus Delta Inulin Adjuvant. Methods in Molecular Biology, 2016, 1403, 269-284.	0.4	24
100	Human Phase 1 trial of low-dose inactivated seasonal influenza vaccine formulated with Advax, delta inulin adjuvant. Vaccine, 2016, 34, 3780-3786.	1.7	49
101	Influenza immunization during pregnancy: Benefits for mother and infant. Human Vaccines and Immunotherapeutics, 2016, 12, 3065-3071.	1.4	54
102	Norovirus drug candidates that inhibit viral capsid attachment to human histo-blood group antigens. Antiviral Research, 2016, 133, 14-22.	1.9	18
103	Alzheimer's disease AdvaxCpG- adjuvanted MultiTEP-based dual and single vaccines induce high-titer antibodies against various forms of tau and A $\beta$ pathological molecules. Scientific Reports, 2016, 6, 28912.	1.6	37
104	Influenza Vaccine Research funded by the European Commission FP7-Health-2013-Innovation-1 project. Vaccine, 2016, 34, 5845-5854.	1.7	9
105	Genetic predisposition for beta cell fragility underlies type 1 and type 2 diabetes. Nature Genetics, 2016, 48, 519-527.	9.4	117
106	Promoter polymorphism at the tumour necrosis factor/lymphotoxin-alpha locus is associated with type of diabetes but not with susceptibility to sight-threatening diabetic retinopathy. Diabetes and Vascular Disease Research, 2016, 13, 164-167.	0.9	7
107	A single-nucleotide polymorphism in the MicroRNA-146a gene is associated with diabetic nephropathy and sight-threatening diabetic retinopathy in Caucasian patients. Acta Diabetologica, 2016, 53, 643-650.	1.2	53
108	Physical characterization and in silico modeling of inulin polymer conformation during vaccine adjuvant particle formation. Carbohydrate Polymers, 2016, 143, 108-115.	5.1	33



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109	Molecular mechanisms for enhanced DNA vaccine immunogenicity. <i>Expert Review of Vaccines</i> , 2016, 15, 313-329.	2.0	231
110	Safety and tolerability evaluation of the use of Montanide ISA <sup>®</sup> 51 as vaccine adjuvant: A systematic review. <i>Human Vaccines and Immunotherapeutics</i> , 2016, 12, 159-169.	1.4	99
111	Dengue tropism for macrophages and dendritic cells: the host cell effect. <i>Journal of General Virology</i> , 2016, 97, 1531-1536.	1.3	25
112	The Immunomodulatory Role of Adjuvants in Vaccines Formulated with the Recombinant Antigens Ov-103 and Ov-RAL-2 against <i>Onchocerca volvulus</i> in Mice. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004797.	1.3	20
113	Innate Responses Induced by Whole Inactivated Virus or Subunit Influenza Vaccines in Cultured Dendritic Cells Correlate with Immune Responses In Vivo. <i>PLoS ONE</i> , 2015, 10, e0125228.	1.1	20
114	Identification and characterisation of T-cell epitopes for incorporation into dendritic cell-delivered <i>Listeria</i> vaccines. <i>Journal of Immunological Methods</i> , 2015, 424, 111-119.	0.6	20
115	A gold glyco-nanoparticle carrying a listeriolysin O peptide and formulated with Advax <sup>®</sup> delta inulin adjuvant induces robust T-cell protection against listeria infection. <i>Vaccine</i> , 2015, 33, 1465-1473.	1.7	77
116	A fresh perspective from immunologists and vaccine researchers: Active vaccination strategies to prevent and reverse Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1246-1259.	0.4	50
117	Advax delta inulin adjuvant overcomes immune immaturity in neonatal mice thereby allowing single-dose influenza vaccine protection. <i>Vaccine</i> , 2015, 33, 4892-4900.	1.7	43
118	Common Sequence Variation in the VEGFC Gene Is Associated with Diabetic Retinopathy and Diabetic Macular Edema. <i>Ophthalmology</i> , 2015, 122, 1828-1836.	2.5	20
119	Comparison of adjuvants for a spray freeze-dried whole inactivated virus influenza vaccine for pulmonary administration. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 231-241.	2.0	16
120	Severe Acute Respiratory Syndrome-Associated Coronavirus Vaccines Formulated with Delta Inulin Adjuvants Provide Enhanced Protection while Ameliorating Lung Eosinophilic Immunopathology. <i>Journal of Virology</i> , 2015, 89, 2995-3007.	1.5	186
121	Advax <sup>®</sup> delta, a novel microcrystalline polysaccharide particle engineered from delta inulin, provides robust adjuvant potency together with tolerability and safety. <i>Vaccine</i> , 2015, 33, 5920-5926.	1.7	95
122	Genome-wide association study for sight-threatening diabetic retinopathy reveals association with genetic variation near the GRB2 gene. <i>Diabetologia</i> , 2015, 58, 2288-2297.	2.9	73
123	Novel nanoparticle vaccines for Listeriosis. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2501-2503.	1.4	19
124	Comparative Safety of Vaccine Adjuvants: A Summary of Current Evidence and Future Needs. <i>Drug Safety</i> , 2015, 38, 1059-1074.	1.4	238
125	Inulin crystal initiation via a glucose-fructose cross-link of adjacent polymer chains: Atomic force microscopy and static molecular modelling. <i>Carbohydrate Polymers</i> , 2015, 117, 964-972.	5.1	23
126	Enhanced pulmonary immunization with aerosolized inactivated influenza vaccine containing delta inulin adjuvant. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 66, 118-122.	1.9	18



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127	Delta Inulin Adjuvant Enhances Plasmablast Generation, Expression of Activation-Induced Cytidine Deaminase and B-Cell Affinity Maturation in Human Subjects Receiving Seasonal Influenza Vaccine. PLoS ONE, 2015, 10, e0132003.	1.1	21
128	Characterisation of adjuvants for use in dromedary immunisation. Journal of Camel Practice and Research, 2015, 22, 33.	0.0	0
129	In Silico Structural Homology Modelling and Docking for Assessment of Pandemic Potential of a Novel H7N9 Influenza Virus and Its Ability to Be Neutralized by Existing Anti-Hemagglutinin Antibodies. PLoS ONE, 2014, 9, e102618.	1.1	10
130	Editorial (Thematic Issue: The Coming of Age of DNA Vaccines). Current Gene Therapy, 2014, 14, 147-148.	0.9	1
131	Advax-Adjuvanted Recombinant Protective Antigen Provides Protection against Inhalational Anthrax That Is Further Enhanced by Addition of Murabutide Adjuvant. Vaccine Journal, 2014, 21, 580-586.	3.2	49
132	Safety and immunogenicity of a delta inulin-adjuvanted inactivated Japanese encephalitis virus vaccine in pregnant mares and foals. Veterinary Research, 2014, 45, 130.	1.1	32
133	Sugar-Based Immune Adjuvants for Use in Recombinant, Viral Vector, DNA and Other Styles of Vaccines. , 2014, , 179-200.		0
134	Evaluation of monophosphoryl lipid A as adjuvant for pulmonary delivered influenza vaccine. Journal of Controlled Release, 2014, 174, 51-62.	4.8	44
135	Gamma ray sterilization of delta inulin adjuvant particles (Advax <sup>®</sup> , <sup>®</sup> ) makes minor, partly reversible structural changes without affecting adjuvant activity. Vaccine, 2014, 32, 552-557.	1.7	7
136	Genetic study of diabetic retinopathy: recruitment methodology and analysis of baseline characteristics. Clinical and Experimental Ophthalmology, 2014, 42, 486-493.	1.3	14
137	Immunogenicity and safety of Advax <sup>®</sup> , <sup>®</sup> , a novel polysaccharide adjuvant based on delta inulin, when formulated with hepatitis B surface antigen: A randomized controlled Phase 1 study. Vaccine, 2014, 32, 6469-6477.	1.7	81
138	Pulmonary immunization of chickens using non-adjuvanted spray-freeze dried whole inactivated virus vaccine completely protects against highly pathogenic H5N1 avian influenza virus. Vaccine, 2014, 32, 6445-6450.	1.7	12
139	A single immunization with inactivated H1N1 influenza vaccine formulated with delta inulin adjuvant (Advax <sup>®</sup> , <sup>®</sup> ) overcomes pregnancy-associated immune suppression and enhances passive neonatal protection. Vaccine, 2014, 32, 4651-4659.	1.7	38
140	Inulin isoforms differ by repeated additions of one crystal unit cell. Carbohydrate Polymers, 2014, 103, 392-397.	5.1	19
141	Plasmids Encoding Protein Aggregation Domains Act As Molecular Adjuvants for DNA Vaccines. Current Gene Therapy, 2014, 14, 161-169.	0.9	6
142	Vaccine adjuvants: in search of new paradigms. Expert Review of Vaccines, 2013, 12, 723-726.	2.0	5
143	Computational vaccinology and the ICoVax 2012 workshop. BMC Bioinformatics, 2013, 14, 11.	1.2	10
144	Vaccine adjuvant safety: the elephant in the room. Expert Review of Vaccines, 2013, 12, 715-717.	2.0	15

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