## CITATION REPORT List of articles citing

Immunoinformatics and Vaccine Development: An Overview

DOI: 10.2147/itt.s241064 ImmunoTargets and Therapy, 2020, 9, 13-30.

Source: https://exaly.com/paper-pdf/77015665/citation-report.pdf

Version: 2024-04-28

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
93	Tfh Cells in Health and Immunity: Potential Targets for Systems Biology Approaches to Vaccination. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	4
92	Engineering a novel subunit vaccine against SARS-CoV-2 by exploring immunoinformatics approach. <i>Informatics in Medicine Unlocked</i> , <b>2020</b> , 21, 100478	5.3	11
91	Design of a multi-epitope-based vaccine targeting M-protein of SARS-CoV2: an immunoinformatics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-15	3.6	17
90	Contriving Multi-Epitope Subunit of Vaccine for COVID-19: Immunoinformatics Approaches. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 1784	8.4	54
89	Vaccine Formulation and Optimization for Human Herpes Virus-5 through an Immunoinformatics Framework. <i>ACS Pharmacology and Translational Science</i> , <b>2020</b> , 3, 1318-1329	5.9	8
88	The pandemic COVID-19: a tale of viremia, cellular oxidation and immune dysfunction. <i>Pan African Medical Journal</i> , <b>2020</b> , 36, 188	1.2	4
87	Next-generation computational tools and resources for coronavirus research: From detection to vaccine discovery. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 128, 104158	7	8
86	Scrutinizing the SARS-CoV-2 protein information for designing an effective vaccine encompassing both the T-cell and B-cell epitopes. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 87, 104648	4.5	5
85	Deep Learning-Based Drug Screening for COVID-19 and Case Studies. <i>Methods in Pharmacology and Toxicology</i> , <b>2021</b> , 631	1.1	O
84	Bioinformatics in Personalized Medicine. <b>2021</b> , 303-315		1
83	Future perspectives on swine viral vaccines: where are we headed?. <i>Porcine Health Management</i> , <b>2021</b> , 7, 1	3.5	10
82	An Overview of Current Uses and Future Opportunities for Computer-Assisted Design of Vaccines for Neglected Tropical Diseases. <i>Advances and Applications in Bioinformatics and Chemistry</i> , <b>2021</b> , 14, 25-47	1.5	1
81	In-Silico Approach in the Development of Salmonella Epitope Vaccine.		
80	VLP-Based Vaccines as a Suitable Technology to Target Trypanosomatid Diseases. <i>Vaccines</i> , <b>2021</b> , 9,	5.3	3
79	Prediction of B- and T-cell epitopes using in-silico approaches: a solution to the development of recombinant vaccines against COVID-19. <i>Minerva Biotechnology and Biomolecular Research</i> , <b>2021</b> , 33,		1
78	Probing the Sialomes in Potential Anti-Tick Vaccine Candidates: A Reverse Vaccinology Approach. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	4
77	Designing of a Novel Fusion Protein Vaccine Candidate Against Human Visceral Leishmaniasis (VL) Using Immunoinformatics and Structural Approaches. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2021</b> , 27, 1-14	2.1	2

## (2020-2021)

76	Immunoinformatics Approach for the Identification and Characterization of T Cell and B Cell Epitopes towards the Peptide-Based Vaccine against SARS-CoV-2. <i>Archives of Medical Research</i> , <b>2021</b> , 52, 362-370	6.6	10
75	Tracking the pipeline: immunoinformatics and the COVID-19 vaccine design. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	4
74	In Silico Design and Immunological Studies of Two Novel Multiepitope DNA-Based Vaccine Candidates Against High-Risk Human Papillomaviruses. <i>Molecular Biotechnology</i> , <b>2021</b> , 63, 1192-1222	3	1
73	Proteome Based Approach Defines Candidates for Designing a Multitope Vaccine against the Nipah Virus. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	14
72	Bioinformatics analysis of rhinovirus capsid proteins VP1-4 sequences for cross-serotype vaccine development. <i>Journal of Infection and Public Health</i> , <b>2021</b> , 14, 1603-1611	7.4	0
71	Computational Design of a Multi-epitope Vaccine Against: An Immunoinformatics Approach. <i>International Journal of Peptide Research and Therapeutics</i> , <b>2021</b> , 27, 1-11	2.1	2
70	In silico analysis and prediction of immunogenic epitopes for pre-erythrocytic proteins of the deadly Plasmodium falciparum. <i>Infection, Genetics and Evolution</i> , <b>2021</b> , 93, 104985	4.5	5
69	B and T cell epitope-based peptides predicted from clumping factor protein of Staphylococcus aureus as vaccine targets. <i>Microbial Pathogenesis</i> , <b>2021</b> , 160, 105171	3.8	16
68	Vaccine Design and Immunoinformatics. <b>2021</b> , 137-149		
67	Impact of computational approaches in the fight against COVID-19: an AI guided review of 17 000 studies. <i>Briefings in Bioinformatics</i> , <b>2021</b> ,	13.4	6
66		13.4	4
	studies. <i>Briefings in Bioinformatics</i> , <b>2021</b> ,  In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics		
66	In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics for COVID-19. <i>Coatings</i> , <b>2021</b> , 11, 1273  Designing multi-epitope subunit vaccine for ocular trachoma infection using Chlamydia trachomatis	2.9	4
66 65	In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics for COVID-19. <i>Coatings</i> , <b>2021</b> , 11, 1273  Designing multi-epitope subunit vaccine for ocular trachoma infection using Chlamydia trachomatis polymorphic membrane proteins G. <i>Informatics in Medicine Unlocked</i> , <b>2021</b> , 26, 100764  In silico analyses and design of a chimeric protein containing epitopes of SpaC, PknG, NanH, and SodC proteins for the control of caseous lymphadenitis. <i>Applied Microbiology and Biotechnology</i> ,	2.9	4 0
66 65 64	In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics for COVID-19. <i>Coatings</i> , <b>2021</b> , 11, 1273  Designing multi-epitope subunit vaccine for ocular trachoma infection using Chlamydia trachomatis polymorphic membrane proteins <i>G. Informatics in Medicine Unlocked</i> , <b>2021</b> , 26, 100764  In silico analyses and design of a chimeric protein containing epitopes of SpaC, PknG, NanH, and SodC proteins for the control of caseous lymphadenitis. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8277-8286  A Perspective on Nanotechnology and COVID-19 Vaccine Research and Production in South Africa.	2.9 5·3 5·7	4 O
66 65 64 63	In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics for COVID-19. <i>Coatings</i> , <b>2021</b> , 11, 1273  Designing multi-epitope subunit vaccine for ocular trachoma infection using Chlamydia trachomatis polymorphic membrane proteins <i>G. Informatics in Medicine Unlocked</i> , <b>2021</b> , 26, 100764  In silico analyses and design of a chimeric protein containing epitopes of SpaC, PknG, NanH, and SodC proteins for the control of caseous lymphadenitis. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8277-8286  A Perspective on Nanotechnology and COVID-19 Vaccine Research and Production in South Africa. <i>Viruses</i> , <b>2021</b> , 13,	2.9 5·3 5·7	4 0 2
66 65 64 63 62	In Silico Modeling as a Perspective in Developing Potential Vaccine Candidates and Therapeutics for COVID-19. <i>Coatings</i> , <b>2021</b> , 11, 1273  Designing multi-epitope subunit vaccine for ocular trachoma infection using Chlamydia trachomatis polymorphic membrane proteins <i>G. Informatics in Medicine Unlocked</i> , <b>2021</b> , 26, 100764  In silico analyses and design of a chimeric protein containing epitopes of SpaC, PknG, NanH, and SodC proteins for the control of caseous lymphadenitis. <i>Applied Microbiology and Biotechnology</i> , <b>2021</b> , 105, 8277-8286  A Perspective on Nanotechnology and COVID-19 Vaccine Research and Production in South Africa. <i>Viruses</i> , <b>2021</b> , 13,  Immuno informatics Approach in Designing a Novel Vaccine Using Epitopes from All the Structural Proteins of SARS-CoV-2. <i>Biomedical and Pharmacology Journal</i> , <b>2020</b> , 13, 1845-1862  Recent Development of Ruminant Vaccine Against Viral Diseases. <i>Frontiers in Veterinary Science</i> ,	2.9 5·3 5·7 6.2	4 0 2 1

Vaccine Development Through Reverse Vaccinology Using Artificial Intelligence and Machine 58 Learning Approach. 2022, 33-49 EpiCurator: an immunoinformatic workflow to predict and prioritize SARS-CoV-2 epitopes.. PeerJ, 3.1 57 2021, 9, e12548 Computational resources in healthcare. Wiley Interdisciplinary Reviews: Data Mining and Knowledge 6.9 56 Discovery, e1437 VLP-Based COVID-19 Vaccines: An Adaptable Technology against the Threat of New Variants.. 55 5.3 Vaccines, 2021, 9, Protection of mice against experimental cryptococcosis by synthesized peptides delivered in glucan 54 particles. In-Silico Vaccine Design Based on a Novel Vaccine Candidate Against Infections Caused by. 2.1 2 53 International Journal of Peptide Research and Therapeutics, 2022, 28, 16 Putative novel B-cell vaccine candidates identified by reverse vaccinology and genomics approaches to control Acinetobacter baumannii serotypes. Infection, Genetics and Evolution, 2021, 52 1 4.5 96, 105138 What Is Informatics?. **2021**, 31-54 51 An insight into SARS-CoV2 structure, Pathogenesis, target hunting for drug development and 50 Ο 3.5 vaccine initiatives. RSC Medicinal Chemistry, Identification of novel putative immunogenic targets and construction of a multi-epitope vaccine against multidrug-resistant Corynebacterium jeikeium using reverse vaccinology approach.. 3.8 49 Microbial Pathogenesis, 2022, 164, 105425 Protection of Mice against Experimental Cryptococcosis by Synthesized Peptides Delivered in 48 7.8 1 Glucan Particles.. MBio, 2022, e0336721 Deciphering the immunogenic T-cell epitopes from spike protein of SARS-CoV-2 concerning the 3.6 47 diverse population of India.. Journal of Biomolecular Structure and Dynamics, 2022, 1-20 46 A journey through the proteome promotes insights into its functional genome.. PeerJ, 2021, 9, e12456 3.1 Vaccine types and reverse vaccinology. 2022, 31-55 45 Immunoinformatics and Computer-Aided Drug Design as New Approaches against Emerging and 44 2 Re-Emerging Infectious Diseases. Current status of COVID-19 vaccination: safety and liability concern for children, pregnant and 43 5.2 lactating women.. Expert Review of Vaccines, 2022, Identification of Potential Immunogenic Epitopes against SARS-CoV-2 using In-Silico Method: An 42 0.7 Immunoinformatics Study. Current Proteomics, 2022, 19, In Silico Vaccine Design Tools. 41

40	In silico designed Staphylococcus aureus B-cell multi-epitope vaccine did not elicit antibodies against target antigens suggesting multi-domain approach <i>Journal of Immunological Methods</i> , <b>2022</b> , 504, 113264	2.5	0
39	Harnessing Fuzzy Rule Based System for Screening Major Histocompatibility Complex Class I Peptide Epitopes from the Whole Proteome: An Implementation on the Proteome of Journal of Computational Biology, 2022,	1.7	
38	Data_Sheet_1.pdf. <b>2020</b> ,		
37	An Immunoinformatic Strategy to Develop New Multi-epitope Vaccine <i>International Journal of Peptide Research and Therapeutics</i> , <b>2022</b> , 28, 99	2.1	O
36	Development of epitope-based chimeric protein as a vaccine against Lujo virus by utilizing immunoinformatic tools. <i>Future Virology</i> ,	2.4	
35	In silico design and analyses of a multi-epitope vaccine against Crimean-Congo hemorrhagic fever virus through reverse vaccinology and immunoinformatics approaches. <i>Scientific Reports</i> , <b>2022</b> , 12,	4.9	1
34	Screening Novel Vaccine Candidates for Leishmania Donovani by Combining Differential Proteomics and Immunoinformatics Analysis. <i>Frontiers in Immunology</i> , 13,	8.4	
33	Peptide-Based Vaccines in Clinical Phases and New Potential Therapeutic Targets as a New Approach for Breast Cancer: A Review. <b>2022</b> , 10, 1249		1
32	Refining the DC-targeting vaccination for preventing emerging infectious diseases. 13,		1
31	A specific Leishmania infantum polyepitope vaccine triggers Th1-type immune response and protects against experimental visceral leishmaniasis. <b>2022</b> , 380, 104592		1
30	Immunology. <b>2022</b> , 181-223		0
29	Research progress of the avian coccidiosis vaccine. <b>2022</b> , 1, 100002		O
28	Designing multi-epitope based peptide vaccine targeting spike protein SARS-CoV-2 B1.1.529 (Omicron) variant using computational approaches.		1
27	Development and evaluation of a multi-epitope subunit vaccine against group B Streptococcus infection. <b>2022</b> , 11, 2371-2382		Ο
26	Role of System Biology in Microbial System. <b>2022</b> , 43-56		0
25	Designing of Peptide Based Multi-Epitope Vaccine Construct against Gallbladder Cancer Using Immunoinformatics and Computational Approaches. <b>2022</b> , 10, 1850		Ο
24	Immuno-informatics profiling of monkeypox virus cell surface binding protein for designing a next generation multi-valent peptide-based vaccine. 13,		2
23	Identification of potential candidate vaccines against Mycobacterium ulcerans based on the major facilitator superfamily transporter protein. 13,		Ο

22	Immunoprophylactic properties of the Corynebacterium pseudotuberculosis-derived MBP:PLD:CP40 fusion protein.	1
21	Design of a novel multiple epitope-based vaccine: an immunoinformatics approach to combat monkeypox. 1-12	O
20	Design of a multi-epitope protein as a subunit vaccine against lumpy skin disease using an immunoinformatics approach. <b>2022</b> , 12,	2
19	Designing a multi-epitope vaccine against coxsackievirus B based on immunoinformatics approaches. 13,	O
18	Immunoinformatics analysis of candidate proteins for controlling bovine paratuberculosis. <b>2022</b> , 17, e0277751	O
17	Bioinformatics analysis of structural protein to approach a vaccine candidate against Vibrio cholerae infection.	O
16	Targeted Protein-Specific Multi-Epitope-Based Vaccine Designing against Human Cytomegalovirus by Using Immunoinformatics Approaches. <b>2023</b> , 11, 203	O
15	Immunoinformatic-Based Multi-Epitope Vaccine Design for Co-Infection of Mycobacterium tuberculosis and SARS-CoV-2. <b>2023</b> , 13, 116	1
14	Design of multiepitope vaccine candidate from a major capsid protein of the African swine fever virus. <b>2023</b> , 2, 100013	0
13	Anlisis in silico de un candidato a vacuna multi-eptopo contra viruela del mono usando vaculonog reversa. <b>2022</b> , 81-92	O
12	Immunoinformatics Approaches for Vaccine Design: A Fast and Secure Strategy for Successful Vaccine Development. <b>2023</b> , 11, 221	O
11	Bioinformatics analysis and consistency verification of a novel tuberculosis vaccine candidate HP13138PB. 14,	1
10	Staphylococcus aureus vaccine strategy: Promise and challenges. <b>2023</b> , 271, 127362	0
9	Vaccine Omics: role of bioinformatics in vaccinology. <b>2022</b> , 33-54	O
8	Analysis of LruC lipoprotein and identification of peptides candidates for vaccine development and diagnosis of leptospirosis. <b>2023</b> , 18, e0281344	0
7	Design of multi-epitope based vaccine against Mycobacterium tuberculosis: a subtractive proteomics and reverse vaccinology based immunoinformatics approach. 1-19	O
6	The hidden treasure of wedang uwuh, an ethnic traditional drink from Java, Indonesia: Its benefits and innovations. <b>2023</b> , 31, 100688	0
5	Immunoinformatics-aided design of a new multi-epitope vaccine adjuvanted with domain 4 of pneumolysin against Streptococcus pneumoniae strains. <b>2023</b> , 24,	O

## CITATION REPORT

4	Designing a Next-Generation Multiepitope-Based Vaccine against Staphylococcus aureus Using Reverse Vaccinology Approaches. <b>2023</b> , 12, 376	О
3	Development of multi-epitope vaccines against the monkeypox virus based on envelope proteins using immunoinformatics approaches. 14,	O
2	Tool and Techniques on Computer-Aided Drug Design for Targeted Cancer Therapy. 2023, 781-829	0
1	PP19128R, a Multiepitope Vaccine Designed to Prevent Latent Tuberculosis Infection, Induced Immune Responses In Silico and In Vitro Assays. <b>2023</b> , 11, 856	O