

Epitope-based vaccine design: a comprehensive overview

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Citation Report

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 transcriptome analysis and molecular cataloguing of immunodominant epitopes for multi-epitope based vaccine design. <i>Genomics</i> , 2020, 112, 5044-5054.	1.3	8
2	The combination of artificial intelligence and systems biology for intelligent vaccine design. <i>Expert Opinion on Drug Discovery</i> , 2020, 15, 1267-1281.	2.5	26
3	Supramolecular Self-Assembled Peptide-Based Vaccines: Current State and Future Perspectives. <i>Frontiers in Chemistry</i> , 2020, 8, 598160.	1.8	40
4	Validation of a yellow fever vaccine model using data from primary vaccination in children and adults, re-vaccination and dose-response in adults and studies with immunocompromised individuals. <i>BMC Bioinformatics</i> , 2020, 21, 551.	1.2	4
5	An insight into the epitope-based peptide vaccine design strategy and studies against COVID-19. <i>Turkish Journal of Biology</i> , 2020, 44, 215-227.	2.1	24
6	Next-generation vaccines and the impacts of state-of-the-art in-silico technologies. <i>Biologicals</i> , 2021, 69, 83-85.	0.5	16
7	Advances in epitope mapping technologies for food protein allergens: A review. <i>Trends in Food Science and Technology</i> , 2021, 107, 226-239.	7.8	30
8	A peptide-based subunit candidate vaccine against SARS-CoV-2 delivered by biodegradable mesoporous silica nanoparticles induced high humoral and cellular immunity in mice. <i>Biomaterials Science</i> , 2021, 9, 7287-7296.	2.6	10
9	An Effective Analytics using Machine Learning Integrated Approaches for Diagnosis, Severity Estimation and Prediction of Heart Disease. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1074, 012006.	0.3	0
10	In-Silico Approach in the Development of <i>Salmonella</i> Epitope Vaccine. , 0, , .		0
11	A Multiepitope Peptide, rOmp22, Encapsulated in Chitosan-PLGA Nanoparticles as a Candidate Vaccine Against <i>Acinetobacter baumannii</i> Infection. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1819-1836.	3.3	35
12	SeRenDIP-CE: sequence-based interface prediction for conformational epitopes. <i>Bioinformatics</i> , 2021, 37, 3421-3427.	1.8	18
13	Comparison of Immunological Profiles of SARS-CoV-2 Variants in the COVID-19 Pandemic Trends: An Immunoinformatics Approach. <i>Antibiotics</i> , 2021, 10, 535.	1.5	11
14	Immunogenomics guided design of immunomodulatory multi-epitope subunit vaccine against the SARS-CoV-2 new variants, and its validation through in silico cloning and immune simulation. <i>Computers in Biology and Medicine</i> , 2021, 133, 104420.	3.9	59
15	Vaccination with rEGVac elicits immunoprotection against different stages of <i>Echinococcus granulosus</i> life cycle: A pilot study. <i>Acta Tropica</i> , 2021, 218, 105883.	0.9	9
16	Immunoinformatics and molecular dynamics approaches: Next generation vaccine design against West Nile virus. <i>PLoS ONE</i> , 2021, 16, e0253393.	1.1	28
17	Immunoinformatic Analysis of Calcium-Dependent Protein Kinase 7 (CDPK7) Showed Potential Targets for <i>Toxoplasma gondii</i> Vaccine. <i>Journal of Parasitology Research</i> , 2021, 2021, 1-20.	0.5	3
18	Exploring peptide studies related to SARS-CoV to accelerate the development of novel therapeutic and prophylactic solutions against COVID-19. <i>Journal of Infection and Public Health</i> , 2021, 14, 1106-1119.	1.9	4

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19	Immunogenicity and antigenicity based T-cell and B-cell epitopes identification from conserved regions of 10664 SARS-CoV-2 genomes. <i>Infection, Genetics and Evolution</i> , 2021, 92, 104823.	1.0	6
20	Bursal peptide BP-IV as a novel immunoadjuvant enhances the protective efficacy of an epitope peptide vaccine containing T and B cell epitopes of the H9N2 avian influenza virus. <i>Microbial Pathogenesis</i> , 2021, 158, 105095.	1.3	5
22	Designing and development of epitope-based vaccines against <i>Helicobacter pylori</i> . <i>Critical Reviews in Microbiology</i> , 2022, 48, 489-512.	2.7	4
23	A novel multi-objective metaheuristic algorithm for protein-peptide docking and benchmarking on the LEADS-PEP dataset. <i>Computers in Biology and Medicine</i> , 2021, 138, 104896.	3.9	15
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25	Insights into the biochemical features and immunogenic epitopes of common bradyzoite markers of the ubiquitous <i>Toxoplasma gondii</i> . <i>Infection, Genetics and Evolution</i> , 2021, 95, 105037.	1.0	8
26	Predicted structural mimicry of spike receptor-binding motifs from highly pathogenic human coronaviruses. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 3938-3953.	1.9	25
27	Leishmanolysin gp63: Bioinformatics evidences of immunogenic epitopes in <i>Leishmania major</i> for enhanced vaccine design against zoonotic cutaneous leishmaniasis. <i>Informatics in Medicine Unlocked</i> , 2021, 24, 100626.	1.9	13
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29	A domain-based vaccine construct against SARS-CoV-2, the causative agent of COVID-19 pandemic: development of self-amplifying mRNA and peptide vaccines. <i>BiolImpacts</i> , 2021, 11, 65-84.	0.7	39
30	<i>Toxoplasma gondii</i> Tyrosine-Rich Oocyst Wall Protein: A Closer Look through an In Silico Prism. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	4
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37	Engineering a multi-epitope vaccine candidate against <i>Leishmania infantum</i> using comprehensive Immunoinformatics methods. <i>Biologia (Poland)</i> , 2022, 77, 277-289.	0.8	4
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61	Designing of Peptide Based Multi-Epitope Vaccine Construct against Gallbladder Cancer Using Immunoinformatics and Computational Approaches. <i>Vaccines</i> , 2022, 10, 1850.	2.1	0
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83	In silico design of a novel peptide-based vaccine against the ubiquitous apicomplexan <i>Toxoplasma gondii</i> using surface antigens. <i>In Silico Pharmacology</i> , 2023, 11, .	1.8	0
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