

Mutation Signatures and In Silico Docking of Novel SAR

Microorganisms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mutational Asymmetries in the SARS-CoV-2 Genome May Lead to Increased Hydrophobicity of Virus Proteins. <i>Genes</i> , 2021, 12, 826.	2.4	9
2	Interactions of the Receptor Binding Domain of SARS-CoV-2 Variants with hACE2: Insights from Molecular Docking Analysis and Molecular Dynamic Simulation. <i>Biology</i> , 2021, 10, 880.	2.8	38
3	Emerging SARS-CoV-2 Variants of Concern (VOCs): An Impending Global Crisis. <i>Biomedicines</i> , 2021, 9, 1303.	3.2	87
4	A computational-cum-experimental study provides some clues on the druggable binding site and design of anticancer therapeutics on ETV1 transcription factor oncoprotein. <i>Molecular Systems Design and Engineering</i> , 0, , .	3.4	1
5	Multimodal Detection of COVID-19 Symptoms using Deep Learning & Probability-based Weighting of Modes. , 2021, , .		3
6	Structure and Mutations of SARS-CoV-2 Spike Protein: A Focused Overview. <i>ACS Infectious Diseases</i> , 2022, 8, 29-58.	3.8	32
9	Regional and temporal coordinated mutation patterns in SARS-CoV-2 spike protein revealed by a clustering and network analysis. <i>Scientific Reports</i> , 2022, 12, 1128.	3.3	28
10	Severe Acute Respiratory Syndrome Type 2â€Causing Coronavirus: Variants and Preventive Strategies. <i>Advanced Science</i> , 2022, 9, e2104495.	11.2	16
11	COVID-19: vaccines, efficacy and effects on variants. <i>Current Opinion in Pulmonary Medicine</i> , 2022, 28, 180-191.	2.6	24
12	Fractionation of sulfated galactan from the red alga <i>Botryocladia occidentalis</i> separates its anticoagulant and anti-SARS-CoV-2 properties. <i>Journal of Biological Chemistry</i> , 2022, 298, 101856.	3.4	13
13	Impact of SARS-CoV-2 Variants on the Analytical Sensitivity of rRT-PCR Assays. <i>Journal of Clinical Microbiology</i> , 2022, 60, e0237421.	3.9	11
14	An Overview of SARS-CoV-2 Molecular Diagnostics in Europe. <i>Clinics in Laboratory Medicine</i> , 2022, 42, 161-191.	1.4	6
15	Evaluating the in vitro efficacy of bovine lactoferrin products against SARS-CoV-2 variants of concern. <i>Journal of Dairy Science</i> , 2022, 105, 2791-2802.	3.4	34
16	Pierce into Structural Changes of Interactions Between Mutated Spike Glycoproteins and ACE2 to Evaluate Its Potential Biological and Therapeutic Consequences. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 33.	1.9	5
17	Advances in Modelling COVID-19 in Animals. <i>Frontiers in Drug Discovery</i> , 2022, 2, .	2.8	0
18	Current molecular diagnostics assays for SARS-CoV-2 and emerging variants. <i>Methods in Microbiology</i> , 2022, , 83-121.	0.8	2
19	Methodology-Centered Review of Molecular Modeling, Simulation, and Prediction of SARS-CoV-2. <i>Chemical Reviews</i> , 2022, 122, 11287-11368.	47.7	38
20	Characterization of mutations modulating enhanced transmissibility of SARS-CoV-2 B.1.617+ (Delta) variant using In Silico tools. <i>Gene Reports</i> , 2022, 27, 101636.	0.8	0

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21	In silico discovery of multi-targeting inhibitors for the COVID-19 treatment by molecular docking, molecular dynamics simulation studies, and ADMET predictions. <i>Structural Chemistry</i> , 2022, 33, 1645-1665.	2.0	19
22	Host genetic diversity and genetic variations of SARS-CoV-2 in COVID-19 pathogenesis and the effectiveness of vaccination. <i>International Immunopharmacology</i> , 2022, 111, 109128.	3.8	9
23	SARS-CoV-2 Variants: Impact of Spike Mutations on Vaccine and Therapeutic Strategies. , 2022, , 143-160.		0
24	Differential proinflammatory activities of Spike proteins of SARS-CoV-2 variants of concern. <i>Science Advances</i> , 2022, 8, .	10.3	14
25	Genomic and structural mechanistic insight to reveal the differential infectivity of omicron and other variants of concern. <i>Computers in Biology and Medicine</i> , 2022, 150, 106129.	7.0	6
26	Insights into the Structural Complexities of SARS-CoV-2 for Therapeutic and Vaccine Development. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2023, 26, 1945-1959.	1.1	0
27	Biothermodynamics of Viruses from Absolute Zero (1950) to Virothermodynamics (2022). <i>Vaccines</i> , 2022, 10, 2112.	4.4	16
28	Environmental, biological and social factors contributing to new rises in COVID-19 morbidity in Russia. <i>BIOpreparations Prevention Diagnosis Treatment</i> , 2022, 22, 351-360.	0.5	1
29	The Difference in Wave Dynamics between SARS-CoV-2 Pre-Omicron and Omicron Variant Waves. <i>Covid</i> , 2023, 3, 28-50.	1.5	1
30	Emergence of SARS-CoV-2 variant of concern omicron: biological features and genomic concern. <i>Indian Journal of Microbiology Research</i> , 2023, 9, 252-271.	0.1	0
31	Strong Association between Vitamin D Receptor Gene and Severe Acute Respiratory Syndrome coronavirus 2 Infectious Variants. <i>Global Medical Genetics</i> , 2023, 10, 027-033.	0.9	2
32	Lessons Learnt from COVID-19: Computational Strategies for Facing Present and Future Pandemics. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4401.	4.1	4
33	Understanding Mutations in Human SARS-CoV-2 Spike Glycoprotein: A Systematic Review & Meta-Analysis. <i>Viruses</i> , 2023, 15, 856.	3.3	10
34	Estimation of primer efficiency in multiplex PCR for detecting SARS-Cov-2 variants. <i>Revista Bionatura</i> , 2022, 7, 1-4.	0.4	7
35	Constructing a Learning Curve to Discuss the Medical Treatments and the Effect of Vaccination of COVID-19. <i>Healthcare (Switzerland)</i> , 2023, 11, 1591.	2.0	0
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37	Nutrients, herbal bioactive derivatives and commensal microbiota as tools to lower the risk of SARS-CoV-2 infection. <i>Frontiers in Nutrition</i> , 0, 10, .	3.7	3
38	Synchronous Diagnosis of Respiratory Viruses Variants via Receptonics Based on Modeling Receptor-Ligand Dynamics. <i>Advanced Materials</i> , 2024, 36, .	21.0	2

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39	Linkage between Airborne Particulate Matter and Viral Pandemic COVID-19 in Bucharest. <i>Microorganisms</i> , 2023, 11, 2531.	3.6	1
40	Plant-Derived Natural Compounds as an Emerging Antiviral in Combating COVID-19. <i>Indian Journal of Microbiology</i> , 2023, 63, 429-446.	2.7	1
41	Trends in the COVID-19 Pandemic in Italy during the Summers of 2020 (before Mass Vaccination), 2021 (after Primary Mass Vaccination) and 2022 (after Booster Mass Vaccination): A Real-World Nationwide Study Based on a Population of 58.85 Million People. <i>Pathogens</i> , 2023, 12, 1376.	2.8	0
42	Isolation and Characterization of Bacteriophage VA5 against <i>Vibrio alginolyticus</i> . <i>Microorganisms</i> , 2023, 11, 2822.	3.6	0
43	The Omicron Variant of SARS-CoV-2 Virus: the Ability to Cause Disease in Persons with Immunity against COVID-19. <i>Journal of NBC Protection Corps</i> , 2023, 6, 44-55.	0.3	0
44	Dynamically adjustable SVEIR(MH) model of multiwave epidemics: Estimating the effects of public health measures against COVID-19. <i>Journal of Medical Virology</i> , 2023, 95, .	5.0	0
45	Challenges in Emerging Vaccines and Future Promising Candidates against SARS-CoV-2 Variants. <i>Journal of Immunology Research</i> , 2024, 2024, 1-19.	2.2	0
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47	Wastewater Surveillance of SARS-CoV-2 in Minnesota. <i>Water (Switzerland)</i> , 2024, 16, 541.	2.7	0
48	Navigating the waves in Colombia: a cohort study of inpatient care during four COVID-19 waves. <i>Brazilian Journal of Infectious Diseases</i> , 2024, 28, 103737.	0.6	0