

# Implications of the Novel Mutations in the SARS-CoV-2 Severity, and the Vaccine Development

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Present variants of concern and variants of interest of severe acute respiratory syndrome coronavirus 2: Their significant mutations in S-glycoprotein, infectivity, re-infectivity, immune escape and vaccines activity. <i>Reviews in Medical Virology</i> , 2022, 32, e2270.	8.3	71
3	Molecular Analysis and Genome Sequencing of SARS-Cov-2 during Second Wave 2021 Revealed Variant Diversity in India. <i>Journal of Pure and Applied Microbiology</i> , 0, , .	0.9	1
4	Targeting autophagy with natural products to prevent SARS-CoV-2 infection. <i>Journal of Traditional and Complementary Medicine</i> , 2022, 12, 55-68.	2.7	14
5	Genomic Variations in the Structural Proteins of SARS-CoV-2 and Their Deleterious Impact on Pathogenesis: A Comparative Genomics Approach. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 765039.	3.9	43
6	Insights on the SARS-CoV-2 genome variability: the lesson learned in Brazil and its impacts on the future of pandemics. <i>Microbial Genomics</i> , 2021, 7, .	2.0	1
7	Reduced sensitivity of the SARS-CoV-2 Lambda variant to monoclonal antibodies and neutralizing antibodies induced by infection and vaccination. <i>Emerging Microbes and Infections</i> , 2022, 11, 18-29.	6.5	25
8	The Dominance of Severe Acute Respiratory Syndrome Coronavirus 2 B.1.617 and Its Sublineages and Associations with Mortality during the COVID-19 Pandemic in India between 2020 and 2021. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 142-149.	1.4	12
9	Debulking SARS-CoV-2 in saliva using angiotensin converting enzyme 2 in chewing gum to decrease oral virus transmission and infection. <i>Molecular Therapy</i> , 2022, 30, 1966-1978.	8.2	39
10	A year living with SARS-CoV-2: an epidemiological overview of viral lineage circulation by whole-genome sequencing in Barcelona city (Catalonia, Spain). <i>Emerging Microbes and Infections</i> , 2022, 11, 172-181.	6.5	17
11	An overview of the ongoing challenges in SARS-CoV-2 global control. <i>German Journal of Microbiology</i> , 2021, 1, 1-18.	0.7	17
12	A systematic review of Vaccine Breakthrough Infections by SARS-CoV-2 Delta Variant. <i>International Journal of Biological Sciences</i> , 2022, 18, 889-900.	6.4	40
13	Intra-Host SARS-CoV-2 Evolution in the Gut of Mucosally-Infected <i>Chlorocebus aethiops</i> (African) Tj ETQq1 1 0.784314 rgBT /Overlock 1 3.3 6	0.7	17
14	From delta to Omicron: S1-RBD/S2 mutation/deletion equilibrium in SARS-CoV-2 defined variants. <i>Gene</i> , 2022, 814, 146134.	2.2	97
15	SARS-CoV-2 in hospital air as revealed by comprehensive respiratory viral panel sequencing. <i>Infection Prevention in Practice</i> , 2022, 4, 100199.	1.3	8
16	Implications of the Immune Polymorphisms of the Host and the Genetic Variability of SARS-CoV-2 in the Development of COVID-19. <i>Viruses</i> , 2022, 14, 94.	3.3	7
17	SARS-CoV-2 Variants and Clinical Outcomes: A Systematic Review. <i>Life</i> , 2022, 12, 170.	2.4	39
18	A Five-Helix-Based SARS-CoV-2 Fusion Inhibitor Targeting Heptad Repeat 2 Domain against SARS-CoV-2 and Its Variants of Concern. <i>Viruses</i> , 2022, 14, 597.	3.3	22
19	Changes in Receptor Binding Domain of the Covid-19 during Pandemic; a Review Study. <i>PizhÅkshish-i SalÅmat</i> , 2021, 7, 75-86.	0.1	0

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21	SARS-CoV-2: An Overview of the Genetic Profile and Vaccine Effectiveness of the Five Variants of Concern. <i>Pathogens</i> , 2022, 11, 516.	2.8	10
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23	Individual genetic variability mainly of Proinflammatory cytokines, cytokine receptors, and toll-like receptors dictates pathophysiology of COVID-19 disease. <i>Journal of Medical Virology</i> , 2022, 94, 4088-4096.	5.0	15
24	Molecular and Clinical Investigation of COVID-19: From Pathogenesis and Immune Responses to Novel Diagnosis and Treatment. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, .	3.5	4
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26	Microbial ecology and evolution is key to pandemics: using the coronavirus model to mitigate future public health challenges. <i>Heliyon</i> , 2022, 8, e09449.	3.2	3
27	Real-World Effectiveness of Global COVID-19 Vaccines Against SARS-CoV-2 Variants: A Systematic Review and Meta-Analysis. <i>Frontiers in Medicine</i> , 0, 9, .	2.6	25
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30	A Case of Pulmonary Tuberculosis, Severe Dengue, and COVID-19 With Venous Thromboembolism in an Indian Male: World's First Case. <i>Cureus</i> , 2022, , .	0.5	2
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33	Biophysical and Biochemical Characterization of the Receptor Binding Domain of SARS-CoV-2 Variants. <i>Protein Journal</i> , 2022, 41, 457-467.	1.6	0
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36	Perspective Chapter: Emerging SARS-CoV-2 Variants of Concern (VOCs) and Their Impact on Transmission Rate, Disease Severity and Breakthrough Infections. <i>Infectious Diseases</i> , 0, , .	4.0	0
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52	A Computational Workflow to Predict Biological Target Mutations: The Spike Glycoprotein Case Study. Molecules, 2023, 28, 7082.	3.8	1
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55	Genetic determinants of SARS-CoV-2 and the clinical outcome of COVID-19 in Southern Bangladesh. Immunity, Inflammation and Disease, 2024, 12, .	2.7	0
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