

In Silico Investigation of the New UK (B.1.1.7) and South Variants with a Focus at the ACE2–Spike RBD Interface

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#	ARTICLE	IF	CITATIONS
1	Impact of New Variants on SAR-CoV-2 Infectivity and Neutralization: A Molecular Assessment of the Alterations in the Spike-Host Protein Interactions. SSRN Electronic Journal, 0, , .	0.4	3
2	Noneffect of SARS-CoV-2 spike glycoprotein Y217N mutation on affinity between the virus and ACE2. Journal of Biological Chemistry, 2021, 296, 100725.	3.4	0
3	Tri-primer-enhanced strand exchange amplification combined with rapid lateral flow fluorescence immunoassay to detect SARS-CoV-2. Analyst, The, 2021, 146, 6650-6664.	3.5	4
6	Neutralising antibody escape of SARS-CoV-2 spike protein: Risk assessment for antibody-based Covid-19 therapeutics and vaccines. Reviews in Medical Virology, 2021, 31, e2231.	8.3	128
8	SARS-CoV-2 Entry Related Viral and Host Genetic Variations: Implications on COVID-19 Severity, Immune Escape, and Infectivity. International Journal of Molecular Sciences, 2021, 22, 3060.	4.1	32
9	Nanobody cocktails potently neutralize SARS-CoV-2 D614G N501Y variant and protect mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	109
10	Analysis of the SARS-CoV-2-host protein interaction network reveals new biology and drug candidates: focus on the spike surface glycoprotein and RNA polymerase. Expert Opinion on Drug Discovery, 2021, 16, 1-15.	5.0	6
11	Mutation Signatures and In Silico Docking of Novel SARS-CoV-2 Variants of Concern. Microorganisms, 2021, 9, 926.	3.6	48
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13	The first and second waves of the COVID-19 pandemic in Africa: a cross-sectional study. Lancet, The, 2021, 397, 1265-1275.	13.7	282
14	Chemoinformatic Analysis of Psychotropic and Antihistaminic Drugs in the Light of Experimental Anti-SARS-CoV-2 Activities. Advances and Applications in Bioinformatics and Chemistry, 2021, Volume 14, 71-85.	2.6	12
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19	Response to mutation and variants of the SARS-CoV-2 gene. Universa Medicina, 2021, 40, 77-78.	0.2	3
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22	A Comprehensive Molecular Epidemiological Analysis of SARS-CoV-2 Infection in Cyprus from April 2020 to January 2021: Evidence of a Highly Polyphyletic and Evolving Epidemic. Viruses, 2021, 13, 1098.	3.3	11

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23	Characterization of a new SARS-CoV-2 variant that emerged in Brazil. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	63
24	The 501Y.V2 SARS-CoV-2 variant has an intermediate viral load between the 501Y.V1 and the historical variants in nasopharyngeal samples from newly diagnosed COVID-19 patients. Journal of Infection, 2021, 83, 119-145.	3.3	23
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42	Targeting the Fusion Process of SARS-CoV-2 Infection by Small Molecule Inhibitors. <i>MBio</i> , 2022, 13, e0323821.	4.1	11
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