

Genomic perspectives on the emerging SARS-CoV-2 omicron variant; Jan 2022 ( <https://www.sciencedirect.com/science/article/pii/S167202292200002X> ) Whole genome sequencing of SARS-CoV2 strains circulating in Iran during five waves of pandemic; 2022 ( <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0267847> ) Comprehensive fitness landscape of SARS-CoV-2 Mpro reveals insights into viral resistance mechanisms; biorxiv Jan 2022 ( <https://www.biorxiv.org/content/10.1101/2022.01.26.477860v2.full> )

Evidence for host-dependent RNA editing in the transcriptome of SARS-CoV-2; 2020 ( <https://www.science.org/doi/10.1126/sciadv.abb5813#:~:text=RNA%20editing%20by%20host%20deaminases,obtained%20from%20coronavirus%20> ) RNA editing increases the nucleotide diversity of SARS-CoV-2 in human host cells; Mar 2022 ( <https://journals.plos.org/plosgenetics/article?id=10.1371/journal.pgen.1010130> ) The substitution spectra of coronavirus genomes; 2021 ( <https://academic.oup.com/bib/article/23/1/bbab382/6369601> ) The role of A-to-I RNA editing in infections by RNA viruses: Possible implications for SARS-CoV-2 infection; 2021 ( <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7904470/> ) The Roles of APOBEC-mediated RNA Editing in SARS-CoV-2 Mutations, Replication and Fitness; 2022 ( <https://pubmed.ncbi.nlm.nih.gov/34981048/> )

## **Bazykin:**

The rise and spread of the SARS-CoV-2 AY.122 lineage in Russia; Mar 2022 ( <https://academic.oup.com/ve/article/8/1/veac017/6542789> ) Genomic epidemiology of the early stages of the SARS-CoV-2 outbreak in Russia; Jan 2021 ( <https://www.nature.com/articles/s41467-020-20880-z#Sec2> )

## **can be useful:**

SARS-CoV-2 Variant Classifications and Definitions; NOT AN ARTICLE update Apr 2022 ( <https://www.cdc.gov/coronavirus/2019-ncov/variants/variant-classifications.html> ) SARS-CoV-2 variants, spike mutations and immune escape; Review Jan 2021 ( <https://www.nature.com/articles/s41579-021-00573-0> ) xploring Diversity of COVID-19 Based on Substitution Distance; 2020 ( <https://www.dovepress.com/exploring-diversity-of-covid19-based-on-substitution-distance-peer-reviewed-fulltext-article-IDR> )