

Multilevel systems biology analysis of lung transcriptome potential miRNA target genes for SARS-CoV-2 infection

Computers in Biology and Medicine

135, 104570

DOI: [10.1016/j.combiomed.2021.104570](https://doi.org/10.1016/j.combiomed.2021.104570)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Co-Regulation of Protein Coding Genes by Transcription Factor and Long Non-Coding RNA in SARS-CoV-2 Infected Cells: An In Silico Analysis. <i>Non-coding RNA</i> , 2021, 7, 74.	2.6	5
2	Integrative system biology and mathematical modeling of genetic networks identifies shared biomarkers for obesity and diabetes. <i>Mathematical Biosciences and Engineering</i> , 2022, 19, 2310-2329.	1.9	9
3	Viral and Host Genetic and Epigenetic Biomarkers Related to SARS-CoV-2 Cell Entry, Infection Rate, and Disease Severity. <i>Biology</i> , 2022, 11, 178.	2.8	5
4	Transcriptome-Based Molecular Networks Uncovered Interplay Between Druggable Genes of CD8+ T Cells and Changes in Immune Cell Landscape in Patients With Pulmonary Tuberculosis. <i>Frontiers in Medicine</i> , 2021, 8, 812857.	2.6	3
5	Identifying significant genes and functionally enriched pathways in familial hypercholesterolemia using integrated gene co-expression network analysis. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3287-3299.	3.8	4
6	microRNAs and Inflammatory Immune Response in SARS-CoV-2 Infection: A Narrative Review. <i>Life</i> , 2022, 12, 288.	2.4	10
7	The Key Genes Underlying Pathophysiology Correlation Between the Acute Myocardial Infarction and COVID-19. <i>International Journal of General Medicine</i> , 2022, Volume 15, 2479-2490.	1.8	6
8	Identification of microRNA and gene interactions through bioinformatic integrative analysis for revealing candidate signatures in prostate cancer. <i>Gene Reports</i> , 2022, 27, 101607.	0.8	4
9	A Bioinformatics Approach to Identifying Potential Biomarkers for <i>Cryptosporidium parvum</i> : A Coccidian Parasite Associated with Fetal Diarrhea. <i>Vaccines</i> , 2021, 9, 1427.	4.4	4
10	Potential COVID-19 therapeutic approaches targeting angiotensin-converting enzyme 2; An updated review. <i>Reviews in Medical Virology</i> , 2022, 32, e2321.	8.3	16
11	Multi-Targeted Approaches and Drug Repurposing Reveal Possible SARS-CoV-2 Inhibitors. <i>Vaccines</i> , 2022, 10, 24.	4.4	4
12	Identification of key proteins in host-pathogen interactions between <i>Mycobacterium tuberculosis</i> and <i>Homo sapiens</i> : A systematic network theoretical approach. <i>Healthcare Analytics</i> , 2022, 2, 100052.	4.3	8
13	In Silico Identification of Potential Inhibitors of the SARS-CoV-2 Nucleocapsid Through Molecular Docking-Based Drug Repurposing. <i>Dr Sulaiman Al Habib Medical Journal</i> , 2022, 4, 64-76.	0.8	2
14	Immunomodulatory LncRNA on antisense strand of ICAM-1 augments SARS-CoV-2 infection-associated airway mucoinflammatory phenotype. <i>IScience</i> , 2022, 25, 104685.	4.1	6
15	miRNA expression in COVID-19. <i>Gene Reports</i> , 2022, 28, 101641.	0.8	10
16	Exploration of molecular targets and mechanisms of Chinese medicinal formula <i>Acacia Catechu</i> & <i>Scutellariae Radix</i> in the treatment of COVID-19 by a systems pharmacology strategy. <i>Phytotherapy Research</i> , 2022, 36, 4210-4229.	5.8	7
17	Gene Network Analysis of the Transcriptome Impact of SARS-CoV-2 Interacting MicroRNAs in COVID-19 Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9239.	4.1	8
18	Clinical and molecular evaluation of patients with ovarian cancer in the context of drug resistance to chemotherapy. <i>Frontiers in Oncology</i> , 0, 12, .	2.8	5

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19	3â€™UTR of SARS-CoV-2 spike gene hijack host miR-296 or miR-520h to disturb cell proliferation and cytokine signaling. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
20	Therapeutic prospects of ceRNAs in COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	3
21	Identification of miRNAâ€“mRNAâ€“TFs regulatory network and crucial pathways involved in asthma through advanced systems biology approaches. <i>PLoS ONE</i> , 2022, 17, e0271262.	2.5	2
22	Circulating microRNAs as emerging regulators of COVID-19. <i>Theranostics</i> , 2023, 13, 125-147.	10.0	11
23	Identifying MicroRNA Markers That Predict COVID-19 Severity Using Machine Learning Methods. <i>Life</i> , 2022, 12, 1964.	2.4	7
24	Bioinformatics insights into the genes and pathways on severe COVID-19 pathology in patients with comorbidities. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	2
25	Systems biology in COVID-19. , 2023, , 301-320.		0
26	Shared miRNA landscapes of COVID-19 and neurodegeneration confirm neuroinflammation as an important overlapping feature. <i>Frontiers in Molecular Neuroscience</i> , 0, 16, .	2.9	2
27	Analyzing the role of ACE2, AR, MX1 and TMPRSS2 genetic markers for COVID-19 severity. <i>Human Genomics</i> , 2023, 17, .	2.9	0
28	Identification of 3 key genes as novel diagnostic and therapeutic targets for OA and COVID-19. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
29	Computational Prediction of RNAâ€“RNA Interactions between Small RNA Tracks from Betacoronavirus Nonstructural Protein 3 and Neurotrophin Genes during Infection of an Epithelial Lung Cancer Cell Line: Potential Role of Novel Small Regulatory RNA. <i>Viruses</i> , 2023, 15, 1647.	3.3	0
30	A Machine Learning Approach to Identify Potential miRNA-Gene Regulatory Network Contributing to the Pathogenesis of SARS-CoV-2 Infection. <i>Biochemical Genetics</i> , 0, , .	1.7	0
31	Global analysis of urinary extracellular vesicle small RNAs in autosomal dominant polycystic kidney disease. <i>Journal of Gene Medicine</i> , 2024, 26, .	2.8	0