# Mohammad Ali Moni

List of Publications by Year
in descending order

| 75 | 2,661 | 257101 | 223531 |
|---|---|---|---|
| papers | citations | 24 | 46 |
| | | h-index | g-index |

| 88 | 88 | 88 | 1906 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------| 
| 1 | Systems Biology and Bioinformatics approach to Identify blood based signatures molecules and drug targets of patient with COVID-19. Informatics in Medicine Unlocked, 2022, 28, 100840. | 1.9 | 22 |
| 2 | Identification of glycophorin C as a prognostic marker for human breast cancer using bioinformatic analysis. Network Modeling Analysis in Health Informatics and Bioinformatics, 2022, 11, . | 1.2 | 1 |
| 3 | Machine learning models for classification and identification of significant attributes to detect type 2 diabetes. Health Information Science and Systems, 2022, 10, 2. | 3.4 | 26 |
| 4 | Network based systems biology approach to identify diseasome and comorbidity associations of Systemic Sclerosis with cancers. Heliyon, 2022, 8, e08892. | 1.4 | 7 |
| 5 | In silico molecular docking and ADME/T analysis of Quercetin compound with its evaluation of broad-spectrum therapeutic potential against particular diseases. Informatics in Medicine Unlocked, 2022, 29, 100894. | 1.9 | 19 |
| 6 | Identification of molecular signatures and pathways common to blood cells and brain tissue based RNA-Seq datasets of bipolar disorder: Insights from comprehensive bioinformatics approach. Informatics in Medicine Unlocked, 2022, 29, 100881. | 1.9 | 6 |
| 7 | Identifying molecular signatures and pathways shared between Alzheimer's and Huntington's disorders: A bioinformatics and systems biology approach. Informatics in Medicine Unlocked, 2022, 30, 100888. | 1.9 | 2 |
| 8 | Pathogenetic profiling of COVID-19 and SARS-like viruses. Briefings in Bioinformatics, 2021, 22, 1175-1196. | 3.2 | 42 |
| 9 | Bioinformatics and system biology approach to identify the influences of COVID-19 on cardiovascular and hypertensive comorbidities. Briefings in Bioinformatics, 2021, 22, 1387-1401. | 3.2 | 35 |
| 10 | COVID-19 identification from volumetric chest CT scans using a progressively resized 3D-CNN incorporating segmentation, augmentation, and class-rebalancing. Informatics in Medicine Unlocked, 2021, 26, 100709. | 1.9 | 12 |
| 11 | Identification of Common Pathogenetic Processes between Schizophrenia and Diabetes Mellitus by Systems Biology Analysis. Genes, 2021, 12, 237. | 1.0 | 13 |
| 12 | Identification of biomarkers and pathways for the SARS-CoV-2 infections that make complexities in pulmonary arterial hypertension patients. Briefings in Bioinformatics, 2021, 22, 1451-1465. | 3.2 | 30 |
| 13 | Diseasome and comorbidities complexities of SARS-CoV-2 infection with common malignant diseases. Briefings in Bioinformatics, 2021, 22, 1415-1429. | 3.2 | 34 |
| 14 | Bioinformatics and machine learning approach identifies potential drug targets and pathways in COVID-19. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 70 |
| 15 | Integrative Systems Biology Approaches to Identify Potential Biomarkers and Pathways of Cervical Cancer. Journal of Personalized Medicine, 2021, 11, 363. | 1.1 | 9 |
| 16 | Bioinformatics and system biology approach to identify the influences of SARS-CoV-2 infections to idiopathic pulmonary fibrosis and chronic obstructive pulmonary disease patients. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 57 |
| 17 | Machine learning and network-based models to identify genetic risk factors to the progression and survival of colorectal cancer. Computers in Biology and Medicine, 2021, 135, 104539. | 3.9 | 18 |
| 18 | rMisbeta: A robust missing value imputation approach in transcriptomics and metabolomics data. Computers in Biology and Medicine, 2021, 138, 104911. | 3.9 | 5 |

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| 19 | Heart disease prediction using supervised machine learning algorithms: Performance analysis and comparison. Computers in Biology and Medicine, 2021, 136, 104672. | 3.9 | 141 |
| 20 | Identifying molecular insight of synergistic complexities for SARS-CoV-2 infection with pre-existing type 2 diabetes. Computers in Biology and Medicine, 2021, 136, 104668. | 3.9 | 12 |
| 21 | Network-based transcriptomic analysis identifies the genetic effect of COVID-19 to chronic kidney disease patients: A bioinformatics approach. Saudi Journal of Biological Sciences, 2021, 28, 5647-5656. | 1.8 | 12 |
| 22 | Bioinformatics and system biology approaches to identify pathophysiological impact of COVID-19 to the progression and severity of neurological diseases. Computers in Biology and Medicine, 2021, 138, 104859. | 3.9 | 27 |
| 23 | Identifying the function of methylated genes in Alzheimer's disease to determine epigenetic signatures: a comprehensive bioinformatics analysis. Experimental Results, 2021, 2, . | 0.2 | 0 |
| 24 | A network-based systems biology approach for identification of shared Gene signatures between male and female in COVID-19 datasets. Informatics in Medicine Unlocked, 2021, 25, 100702. | 1.9 | 7 |
| 25 | Bioinformatics and machine learning methodologies to identify the effects of central nervous system disorders on glioblastoma progression. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 24 |
| 26 | Development of an in silico multi-epitope vaccine against SARS-COV-2 by prÃ©cised immune-informatics approaches. Informatics in Medicine Unlocked, 2021, 27, 100781. | 1.9 | 16 |
| 27 | Machine Learning and Bioinformatics Models to Identify Gene Expression Patterns of Glioblastoma Associated with Disease Progression and Mortality. , 2021, , . | | 0 |
| 28 | Identification of molecular signatures and pathways to identify novel therapeutic targets in Alzheimer's disease: Insights from a systems biomedicine perspective. Genomics, 2020, 112, 1290-1299. | 1.3 | 89 |
| 29 | A system biological approach to investigate the genetic profiling and comorbidities of type 2 diabetes. Gene Reports, 2020, 21, 100830. | 0.4 | 20 |
| 30 | Integrative transcriptomics analysis of lung epithelial cells and identification of repurposable drug candidates for COVID-19. European Journal of Pharmacology, 2020, 887, 173594. | 1.7 | 52 |
| 31 | Comprehensive Analysis of RNA-Seq Gene Expression Profiling of Brain Transcriptomes Reveals Novel Genes, Regulators, and Pathways in Autism Spectrum Disorder. Brain Sciences, 2020, 10, 747. | 1.1 | 45 |
| 32 | Systems biology and bioinformatics approach to identify gene signatures, pathways and therapeutic targets of Alzheimer's disease. Informatics in Medicine Unlocked, 2020, 21, 100439. | 1.9 | 5 |
| 33 | A systems biology approach to identifying genetic factors affected by aging, lifestyle factors, and type 2 diabetes that influences Parkinson's disease progression. Informatics in Medicine Unlocked, 2020, 21, 100448. | 1.9 | 3 |
| 34 | Improved identification of core biomarkers and drug repositioning for ovarian cancer: an integrated bioinformatics approach. Network Modeling Analysis in Health Informatics and Bioinformatics, 2020, 9, 1. | 1.2 | 1 |
| 35 | Detection of molecular signatures and pathways shared in inflammatory bowel disease and colorectal cancer: A bioinformatics and systems biology approach. Genomics, 2020, 112, 3416-3426. | 1.3 | 31 |
| 36 | Network-based identification of genetic factors in ageing, lifestyle and type 2 diabetes that influence to the progression of Alzheimer's disease. Informatics in Medicine Unlocked, 2020, 19, 100309. | 1.9 | 19 |

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|---|---------|-----|-----------|
| 37 | Network‐based computational approach to identify genetic links between cardiomyopathy and its risk factors. IET Systems Biology, 2020, 14, 75-84. | 0.8 | 11 |
| 38 | Computational prediction of protein ubiquitination sites mapping on Arabidopsis thaliana. Computational Biology and Chemistry, 2020, 85, 107238. | 1.1 | 24 |
| 39 | Network-Based Genetic Profiling Reveals Cellular Pathway Differences Between Follicular Thyroid Carcinoma and Follicular Thyroid Adenoma. International Journal of Environmental Research and Public Health, 2020, 17, 1373. | 1.2 | 15 |
| 40 | Machine Learning and Bioinformatics Models to Identify Pathways that Mediate Influences of Welding Fumes on Cancer Progression. Scientific Reports, 2020, 10, 2795. | 1.6 | 23 |
| 41 | Network-Based Computational Approach to Identify Delineating Common Cell Pathways Influencing Type 2 Diabetes and Diseases of Bone and Joints. IEEE Access, 2020, 8, 1486-1497. | 2.6 | 14 |
| 42 | A Framework to Understand the Progression of Cardiovascular Disease for Type 2 Diabetes Mellitus Patients Using a Network Approach. International Journal of Environmental Research and Public Health, 2020, 17, 596. | 1.2 | 18 |
| 43 | A Network-Based Approach to Identify Molecular Signatures and Comorbidities of Thyroid Cancer. Algorithms for Intelligent Systems, 2020, , 235-246. | 0.5 | 8 |
| 44 | Identification of Genetic Links of Thyroid Cancer to the Neurodegenerative and Chronic Diseases Progression: Insights from Systems Biology Approach. Algorithms for Intelligent Systems, 2020, , 263-274. | 0.5 | 2 |
| 45 | In silico identification and characterization of AGO, DCL and RDR gene families and their associated regulatory elements in sweet orange (Citrus sinensis L.). PLoS ONE, 2020, 15, e0228233. | 1.1 | 12 |
| 46 | A Network-Based Bioinformatics Approach to Identify Molecular Biomarkers for Type 2 Diabetes that Are Linked to the Progression of Neurological Diseases. International Journal of Environmental Research and Public Health, 2020, 17, 1035. | 1.2 | 52 |
| 47 | Bioinformatics approach to analyze gene expression profile and comorbidities of gastric cancer. , 2020, , . | | 5 |
| 48 | A computational approach to identify blood cell-expressed Parkinson's disease biomarkers that are coordinately expressed in brain tissue. Computers in Biology and Medicine, 2019, 113, 103385. | 3.9 | 23 |
| 49 | The influence of depression on ovarian cancer: Discovering molecular pathways that identify novel biomarkers and therapeutic targets. Informatics in Medicine Unlocked, 2019, 16, 100207. | 1.9 | 14 |
| 50 | Detection of multiple sclerosis using blood and brain cells transcript profiles: Insights from comprehensive bioinformatics approach. Informatics in Medicine Unlocked, 2019, 16, 100201. | 1.9 | 15 |
| 51 | A Robust Approach for Identification of Cancer Biomarkers and Candidate Drugs. Medicina (Lithuania), 2019, 55, 269. | 0.8 | 13 |
| 52 | Drug repositioning and biomarkers in low-grade glioma via bioinformatics approach. Informatics in Medicine Unlocked, 2019, 17, 100250. | 1.9 | 6 |
| 53 | Machine learning and bioinformatics models to identify gene expression patterns of ovarian cancer associated with disease progression and mortality. Journal of Biomedical Informatics, 2019, 100, 103313. | 2.5 | 44 |
| 54 | Network-based approach to identify key candidate genes and pathways shared by thyroid cancer and chronic kidney disease. Informatics in Medicine Unlocked, 2019, 16, 100240. | 1.9 | 15 |

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|---|---------|-----|-----------|
| 55 | Identification of Prognostic Biomarker Signatures and Candidate Drugs in Colorectal Cancer: Insights from Systems Biology Analysis. Medicina (Lithuania), 2019, 55, 20. | 0.8 | 51 |
| 56 | Identification of molecular signatures and pathways common to blood cells and brain tissue of amyotrophic lateral sclerosis patients. Informatics in Medicine Unlocked, 2019, 16, 100193. | 1.9 | 20 |
| 57 | Discovering Biomarkers and Pathways Shared by Alzheimer's Disease and Ischemic Stroke to Identify Novel Therapeutic Targets. Medicina (Lithuania), 2019, 55, 191. | 0.8 | 26 |
| 58 | Genetic effects of welding fumes on the development of respiratory system diseases. Computers in Biology and Medicine, 2019, 108, 142-149. | 3.9 | 30 |
| 59 | Early Detection of Autism by Extracting Features: A Case Study in Bangladesh. , 2019, , . |  | 34 |
| 60 | Delineating Common Cell Pathways that Influence Type 2 Diabetes and Neurodegenerative Diseases using a Network-based Approach. , 2019, , . |  | 1 |
| 61 | SVM Model for Feature Selection to Increase Accuracy and Reduce False Positive Rate in Falls Detection. , 2019, , . |  | 2 |
| 62 | Comorbidity Effects of Mitochondrial Dysfunction to the Progression of Neurological Disorders: Insights from a Systems Biomedicine Perspective. , 2019, , . |  | 0 |
| 63 | Identification of genetic association of Thyroid Cancer with Parkinsons disease, Osteoporosis, chronic heart failure, Chronic kidney disease, Type 1 diabetes and Type 2 diabetes. , 2019, , . |  | 3 |
| 64 | Network-based quantitative frameworks to identify pleotropic factors that influence for cardiomyopathy progression. , 2019, , . |  | 1 |
| 65 | A Novel Blended State Estimated Adaptive Controller for Voltage and Current Control of Microgrid Against Unknown Noise. IEEE Access, 2019, 7, 161975-161995. | 2.6 | 11 |
| 66 | A bioinformatics approach to decode core genes and molecular pathways shared by breast cancer and endometrial cancer. Informatics in Medicine Unlocked, 2019, 17, 100274. | 1.9 | 5 |
| 67 | Comparing different supervised machine learning algorithms for disease prediction. BMC Medical Informatics and Decision Making, 2019, 19, 281. | 1.5 | 716 |
| 68 | Network-based approach to identify molecular signatures and therapeutic agents in Alzheimer's disease. Computational Biology and Chemistry, 2019, 78, 431-439. | 1.1 | 92 |
| 69 | Genetic effects of welding fumes on the progression of neurodegenerative diseases. NeuroToxicology, 2019, 71, 93-101. | 1.4 | 37 |
| 70 | Genetic Profiling and Comorbidities of Zika Infection. Journal of Infectious Diseases, 2017, 216, 703-712. | 1.9 | 48 |
| 71 | How to build personalized multi-omics comorbidity profiles. Frontiers in Cell and Developmental Biology, 2015, 3, 28. | 1.8 | 53 |
| 72 | CytoCom: a Cytoscape app to visualize, query and analyse disease comorbidity networks. Bioinformatics, 2015, 31, 969-971. | 1.8 | 42 |

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| 73 | Network regularised Cox regression and multiplex network models to predict disease comorbidities and survival of cancer. Computational Biology and Chemistry, 2015, 59, 15-31. | 1.1 | 37 |
| 74 | Network-based analysis of comorbidities risk during an infection: SARS and HIV case studies. BMC Bioinformatics, 2014, 15, 333. | 1.2 | 93 |
| 75 | comoR: a software for disease comorbidity risk assessment. Journal of Clinical Bioinformatics, 2014, 4, 8. | 1.2 | 81 |