

Firoz Ahmed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9432533/publications.pdf>

Version: 2024-02-01

20
papers

669
citations

567281

15
h-index

752698

20
g-index

23
all docs

23
docs citations

23
times ranked

722
citing authors

#	ARTICLE	IF	CITATIONS
1	PHDcleav: a SVM based method for predicting human Dicer cleavage sites using sequence and secondary structure of miRNA precursors. BMC Bioinformatics, 2013, 14, S9.	2.6	59
2	Prediction of guide strand of microRNAs from its sequence and secondary structure. BMC Bioinformatics, 2009, 10, 105.	2.6	58
3	Integrated Network Analysis Reveals FOXM1 and MYBL2 as Key Regulators of Cell Proliferation in Non-small Cell Lung Cancer. Frontiers in Oncology, 2019, 9, 1011.	2.8	54
4	<i>pssRNAit</i>: A Web Server for Designing Effective and Specific Plant siRNAs with Genome-Wide Off-Target Assessment. Plant Physiology, 2020, 184, 65-81.	4.8	54
5	Prediction of Polyadenylation Signals in Human DNA Sequences using Nucleotide Frequencies. In Silico Biology, 2009, 9, 135-148.	0.9	46
6	Comprehensive analysis of small RNA-seq data reveals that combination of miRNA with its isomiRs increase the accuracy of target prediction in <i>Arabidopsis thaliana</i>. RNA Biology, 2014, 11, 1414-1429.	3.1	46
7	A Network-Based Analysis Reveals the Mechanism Underlying Vitamin D in Suppressing Cytokine Storm and Virus in SARS-CoV-2 Infection. Frontiers in Immunology, 2020, 11, 590459.	4.8	46
8	Designing of Highly Effective Complementary and Mismatch siRNAs for Silencing a Gene. PLoS ONE, 2011, 6, e23443.	2.5	43
9	Middle East respiratory syndrome: pathogenesis and therapeutic developments. Future Virology, 2019, 14, 237-246.	1.8	41
10	Investigating the pathogenic SNPs in BLM helicase and their biological consequences by computational approach. Scientific Reports, 2020, 10, 12377.	3.3	37
11	HIVsirDB: A Database of HIV Inhibiting siRNAs. PLoS ONE, 2011, 6, e25917.	2.5	37
12	Prediction of polyadenylation signals in human DNA sequences using nucleotide frequencies. In Silico Biology, 2009, 9, 135-48.	0.9	36
13	A Molecular Bridge: Connecting Type 2 Diabetes and Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 312-321.	1.4	26
14	A Computational Approach Identified Andrographolide as a Potential Drug for Suppressing COVID-19-Induced Cytokine Storm. Frontiers in Immunology, 2021, 12, 648250.	4.8	24
15	Mining Functional Elements in Messenger RNAs: Overview, Challenges, and Perspectives. Frontiers in Plant Science, 2011, 2, 84.	3.6	22
16	A Comprehensive Analysis of cis-Acting RNA Elements in the SARS-CoV-2 Genome by a Bioinformatics Approach. Frontiers in Genetics, 2020, 11, 572702.	2.3	14
17	Bioinformatics Tools for Achieving Better Gene Silencing in Plants. Methods in Molecular Biology, 2015, 1287, 43-60.	0.9	13
18	The Histone H3K27me3 Demethylases KDM6A/B Resist Anoikis and Transcriptionally Regulate Stemness-Related Genes. Frontiers in Cell and Developmental Biology, 2022, 10, 780176.	3.7	6

#	ARTICLE	IF	CITATIONS
19	DIVERSITY PROFILING OF ASSOCIATED BACTERIA FROM THE SOILS OF STRESS TOLERANT PLANTS FROM SEACOAST OF JEDDAH, SAUDI ARABIA. Applied Ecology and Environmental Research, 2020, 18, 8217-8231.	0.5	3
20	A COMPARATIVE ANALYSIS OF DE NOVO TRANSCRIPTOME ASSEMBLY TO UNDERSTAND THE ABIOTIC STRESS ADAPTATION OF DESERT PLANTS IN SAUDI ARABIA. Applied Ecology and Environmental Research, 2021, 19, 1753-1782.	0.5	2