

Mohamed Helmy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6970537/publications.pdf>

Version: 2024-02-01

15
papers

1,146
citations

1039880

9
h-index

996849

15
g-index

20
all docs

20
docs citations

20
times ranked

1956
citing authors

#	ARTICLE	IF	CITATIONS
1	A reference map of the human binary protein interactome. <i>Nature</i> , 2020, 580, 402-408.	13.7	724
2	Limited resources of genome sequencing in developing countries: Challenges and solutions. <i>Applied & Translational Genomics</i> , 2016, 9, 15-19.	2.1	91
3	A high rate of COVID-19 vaccine hesitancy in a large-scale survey on Arabs. <i>ELife</i> , 2021, 10, .	2.8	87
4	Systems biology approaches integrated with artificial intelligence for optimized metabolic engineering. <i>Metabolic Engineering Communications</i> , 2020, 11, e00149.	1.9	46
5	Signaling Flux Redistribution at Toll-Like Receptor Pathway Junctions. <i>PLoS ONE</i> , 2008, 3, e3430.	1.1	43
6	Omics and System Biology Approaches in Plant Stress Research. <i>SpringerBriefs in Systems Biology</i> , 2017, , 21-34.	0.1	35
7	Identification of effective DNA barcodes for Triticum plants through chloroplast genome-wide analysis. <i>Computational Biology and Chemistry</i> , 2017, 71, 20-31.	1.1	28
8	Ten Simple Rules for Developing Public Biological Databases. <i>PLoS Computational Biology</i> , 2016, 12, e1005128.	1.5	27
9	Predicting Novel Features of Toll-Like Receptor 3 Signaling in Macrophages. <i>PLoS ONE</i> , 2009, 4, e4661.	1.1	25
10	The transformation of our food system using cellular agriculture: What lies ahead and who will lead it?. <i>Trends in Food Science and Technology</i> , 2022, 127, 368-376.	7.8	12
11	Identifying toggle genes from transcriptome-wide scatter: A new perspective for biological regulation. <i>Genomics</i> , 2022, 114, 215-228.	1.3	6
12	FN-Identify: Novel Restriction Enzymes-Based Method for Bacterial Identification in Absence of Genome Sequencing. <i>Advances in Bioinformatics</i> , 2015, 2015, 1-14.	5.7	5
13	Systems Biology to Understand and Regulate Human Retroviral Proinflammatory Response. <i>Frontiers in Immunology</i> , 2021, 12, 736349.	2.2	5
14	GeneCloudOmics: A Data Analytic Cloud Platform for High-Throughput Gene Expression Analysis. <i>Frontiers in Bioinformatics</i> , 2021, 1, .	1.0	4
15	OpenPIP: An Open-source Platform for Hosting, Visualizing and Analyzing Protein Interaction Data. <i>Journal of Molecular Biology</i> , 2022, 434, 167603.	2.0	3