

Zeeshan Ahmed

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

910
citations

643344

15
h-index

563245

28
g-index

68
all docs

68
docs citations

68
times ranked

888
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision medicine with multi-omics strategies, deep phenotyping, and predictive analysis. Progress in Molecular Biology and Translational Science, 2022, , 101-125.	0.9	11
2	Investigating underlying human immunity genes, implicated diseases and their relationship to COVID-19. Personalized Medicine, 2022, , .	0.8	2
3	Multi-omics strategies for personalized and predictive medicine: past, current, and future translational opportunities. Emerging Topics in Life Sciences, 2022, 6, 215-225.	1.1	10
4	Artificial intelligence and machine learning approaches using gene expression and variant data for personalized medicine. Briefings in Bioinformatics, 2022, 23, .	3.2	36
5	Integrative clinical, genomics and metabolomics data analysis for mainstream precision medicine to investigate COVID-19. BMJ Innovations, 2021, 7, 6-10.	1.0	15
6	Advancing clinical genomics and precision medicine with GViZ: FAIR bioinformatics platform for variable gene-disease annotation, visualization, and expression analysis. Human Genomics, 2021, 15, 37.	1.4	15
7	Genomics pipelines to investigate susceptibility in whole genome and exome sequenced data for variant discovery, annotation, prediction and genotyping. PeerJ, 2021, 9, e11724.	0.9	12
8	JWES: a new pipeline for whole genome/exome sequence data processing, management, and gene-variant discovery, annotation, prediction, and genotyping. FEBS Open Bio, 2021, 11, 2441-2452.	1.0	13
9	Intelligent health system for the investigation of consenting COVID-19 patients and precision medicine. Personalized Medicine, 2021, 18, 573-582.	0.8	8
10	RNA-seq driven expression and enrichment analysis to investigate CVD genes with associated phenotypes among high-risk heart failure patients. Human Genomics, 2021, 15, 67.	1.4	10
11	100 Years of evolving gene-disease complexities and scientific debutants. Briefings in Bioinformatics, 2020, 21, 885-905.	3.2	36
12	Systematically Dealing Practical Issues Associated to Healthcare Data Analytics. Lecture Notes in Networks and Systems, 2020, , 599-613.	0.5	6
13	Bioinformatics Tools for PacBio Sequenced Amplicon Data Pre-processing and Target Sequence Extraction. Lecture Notes in Networks and Systems, 2020, , 326-340.	0.5	0
14	IntelliEppi: Intelligent Reaction Monitoring and Holistic Data Management System for the Molecular Biology Lab. Lecture Notes in Networks and Systems, 2020, , 392-407.	0.5	1
15	Practicing precision medicine with intelligently integrative clinical and multi-omics data analysis. Human Genomics, 2020, 14, 35.	1.4	58
16	Human gene and disease associations for clinical genomics and precision medicine research. Clinical and Translational Medicine, 2020, 10, 297-318.	1.7	57
17	Artificial intelligence with multi-functional machine learning platform development for better healthcare and precision medicine. Database: the Journal of Biological Databases and Curation, 2020, , .	1.4	279
18	MAV-clc: management, analysis, and visualization of clinical data. JAMIA Open, 2019, 2, 23-28.	1.0	19

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19	Debutant iOS app and geneâ€disease complexities in clinical genomics and precision medicine. <i>Clinical and Translational Medicine</i> , 2019, 8, 26.	1.7	17
20	PAS-MUT with Somatic Mutations in Cancer and Classified Diseases for Clinical-Genomics Research: PAS-MUT & Somatic Mutations. , 2019, , .		0
21	PAS-SNP: iOS App with GWAS SNP-Disease Database for Personalized Genomics Research: PAS-SNP for GWAS SNP-Disease. , 2019, , .		0
22	PAS-Code: iOS App with Mobile Access to the International Classified Disease and Drug Databases for Health Informatics & Precision Medicine: PAS-Code with ICD and NDC. , 2019, , .		0
23	I-ATAC: interactive pipeline for the management and pre-processing of ATAC-seq samples. <i>PeerJ</i> , 2017, 5, e4040.	0.9	24
24	Mining biomedical images towards valuable information retrieval in biomedical and life sciences. <i>Database: the Journal of Biological Databases and Curation</i> , 2016, 2016, baw118.	1.4	19
25	Human genome meeting 2016. <i>Human Genomics</i> , 2016, 10, 12.	1.4	18
26	Design and Implementation of an Automation System Based on the Desktop and Mobile Technologies. <i>International Journal of Sensors, Wireless Communications and Control</i> , 2015, 4, 20-31.	0.5	0
27	<i>Lipid-Pro:</i> a computational lipid identification solution for untargeted lipidomics on data-independent acquisition tandem mass spectrometry platforms. <i>Bioinformatics</i> , 2015, 31, 1150-1153.	1.8	29
28	MSL: Facilitating automatic and physical analysis of published scientific literature in PDF format. <i>F1000Research</i> , 2015, 4, 1453.	0.8	3
29	MSL: Facilitating automatic and physical analysis of published scientific literature in PDF format. <i>F1000Research</i> , 2015, 4, 1453.	0.8	3
30	Applying WEKA towards Machine Learning With Genetic Algorithm and Back-propagation Neural Networks. <i>Journal of Data Mining in Genomics & Proteomics</i> , 2014, 05, .	0.5	1
31	Cultivating Software Solutions Development in the Scientific Academia. <i>Recent Patents on Computer Science</i> , 2014, 7, 54-66.	0.5	16
32	'Isotopo' a database application for facile analysis and management of mass isotopomer data. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau077-bau077.	1.4	24
33	Software applications toward quantitative metabolic flux analysis and modeling. <i>Briefings in Bioinformatics</i> , 2014, 15, 91-107.	3.2	61
34	Developing sustainable software solutions for bioinformatics by the â€œButterflyâ€ paradigm. <i>F1000Research</i> , 2014, 3, 71.	0.8	22
35	Preoperative nutritional status in patients undergoing liver transplantation. <i>Metabolomics: Open Access</i> , 2014, s1, .	0.1	0
36	Determination of enzymatic action mechanisms of protein extracts obtained from the mushroom MM1-UDEA involved on <i>Mycosphaerella fijiensis</i> Morelet growth inhibition. <i>Journal of Proteomics and Bioinformatics</i> , 2014, s1, .	0.4	0

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37	Ant-App-DB: a smart solution for monitoring arthropods activities, experimental data management and solar calculations without GPS in behavioral field studies. F1000Research, 2014, 3, 311.	0.8	3
38	Software LS-MIDA for efficient mass isotopomer distribution analysis in metabolic modelling. BMC Bioinformatics, 2013, 14, 218.	1.2	21
39	Integrating Formal UML Designs and HCI Patterns with Spiral SDLC in DroLIGHT Implementation. Recent Patents on Computer Science, 2013, 6, 85-98.	0.5	2
40	DroLIGHT-2: Real Time Embedded and Data Management System for Synchronizing Circadian Clock to the Light-Dark Cycles. Recent Patents on Computer Science, 2013, 6, 191-205.	0.5	5
41	Computational Feature Performance and Domain Specific Architecture Evaluation of Software Applications Towards Metabolic Flux Analysis. Recent Patents on Computer Science, 2012, 5, 165-176.	0.5	4
42	Towards Performance Measurement And Metrics Based Analysis of PLA Applications. International Journal of Software Engineering & Applications, 2010, 1, 66-80.	0.9	3
43	Intelligent semantic oriented agent based search (I-SOAS). , 2009, , .		3
44	Intelligent human machine interface design for advanced product life cycle management systems. , 2009, , .		1
45	Design implementation of I-SOAS IPM for advanced product data management. , 2009, , .		4
46	Proposing semantic oriented agent and knowledge base product data management. Information Management and Computer Security, 2009, 17, 360-371.	1.2	2
47	Ant-App-DB: a smart solution for monitoring arthropods activities, experimental data management and solar calculations without GPS in behavioral field studies. F1000Research, 0, 3, 311.	0.8	1
48	DroLIGHT: Real Time Embedded System towards Endogenous Clock Synchronization of Drosophila. Frontiers in Neuroinformatics, 0, 7, .	1.3	2
49	Ant-App-Database towards Neural, Behavioral Research on Deserts Ants and Approximate Solar Estimations. Frontiers in Neuroinformatics, 0, 8, .	1.3	3
50	Butterfly: A Paradigm towards Stable Bio & Neuro Informatics Tools Development. Frontiers in Neuroscience, 0, 9, .	1.4	0
51	GenomeVX: Bioinformatics Solution towards Understanding the Genome-Wide Comparative Analyses of Different Human Populations. Frontiers in Neuroscience, 0, 9, .	1.4	0
52	Lipid-Pro: A Bioinformatics Tool for Rapid Identification of Lipids in Pre-processed DIA Data. Frontiers in Neuroscience, 0, 9, .	1.4	0