

# Zeeshan Ahmed

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

910  
citations

567247

15  
h-index

501174

28  
g-index

68  
all docs

68  
docs citations

68  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence with multi-functional machine learning platform development for better healthcare and precision medicine. Database: the Journal of Biological Databases and Curation, 2020, 2020, .	3.0	279
2	Software applications toward quantitative metabolic flux analysis and modeling. Briefings in Bioinformatics, 2014, 15, 91-107.	6.5	61
3	Practicing precision medicine with intelligently integrative clinical and multi-omics data analysis. Human Genomics, 2020, 14, 35.	2.9	58
4	Human gene and disease associations for clinical genomics and precision medicine research. Clinical and Translational Medicine, 2020, 10, 297-318.	4.0	57
5	100 Years of evolving geneâ€“disease complexities and scientific debutants. Briefings in Bioinformatics, 2020, 21, 885-905.	6.5	36
6	Artificial intelligence and machine learning approaches using gene expression and variant data for personalized medicine. Briefings in Bioinformatics, 2022, 23, .	6.5	36
7	<i>Lipid-Pro:</i> a computational lipid identification solution for untargeted lipidomics on data-independent acquisition tandem mass spectrometry platforms. Bioinformatics, 2015, 31, 1150-1153.	4.1	29
8	'Isotopo' a database application for facile analysis and management of mass isotopomer data. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau077-bau077.	3.0	24
9	I-ATAC: interactive pipeline for the management and pre-processing of ATAC-seq samples. PeerJ, 2017, 5, e4040.	2.0	24
10	Developing sustainable software solutions for bioinformatics by the â€œButterflyâ€“paradigm. F1000Research, 2014, 3, 71.	1.6	22
11	Software LS-MIDA for efficient mass isotopomer distribution analysis in metabolic modelling. BMC Bioinformatics, 2013, 14, 218.	2.6	21
12	Mining biomedical images towards valuable information retrieval in biomedical and life sciences. Database: the Journal of Biological Databases and Curation, 2016, 2016, baw118.	3.0	19
13	MAV-clc: management, analysis, and visualization of clinical data. JAMIA Open, 2019, 2, 23-28.	2.0	19
14	Human genome meeting 2016. Human Genomics, 2016, 10, 12.	2.9	18
15	Debutant iOS app and geneâ€“disease complexities in clinical genomics and precision medicine. Clinical and Translational Medicine, 2019, 8, 26.	4.0	17
16	Developing sustainable software solutions for bioinformatics by the â€œButterflyâ€“paradigm. F1000Research, 0, , .	1.6	17
17	Cultivating Software Solutions Development in the Scientific Academia. Recent Patents on Computer Science, 2014, 7, 54-66.	0.5	16
18	Integrative clinical, genomics and metabolomics data analysis for mainstream precision medicine to investigate COVID-19. BMJ Innovations, 2021, 7, 6-10.	1.7	15

#	ARTICLE	IF	CITATIONS
19	Advancing clinical genomics and precision medicine with GVVIZ: FAIR bioinformatics platform for variable gene-disease annotation, visualization, and expression analysis. <i>Human Genomics</i> , 2021, 15, 37.	2.9	15
20	JWES: a new pipeline for whole genome/exome sequence data processing, management, and gene-variant discovery, annotation, prediction, and genotyping. <i>FEBS Open Bio</i> , 2021, 11, 2441-2452.	2.3	13
21	Genomics pipelines to investigate susceptibility in whole genome and exome sequenced data for variant discovery, annotation, prediction and genotyping. <i>PeerJ</i> , 2021, 9, e11724.	2.0	12
22	Precision medicine with multi-omics strategies, deep phenotyping, and predictive analysis. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 101-125.	1.7	11
23	RNA-seq driven expression and enrichment analysis to investigate CVD genes with associated phenotypes among high-risk heart failure patients. <i>Human Genomics</i> , 2021, 15, 67.	2.9	10
24	Multi-omics strategies for personalized and predictive medicine: past, current, and future translational opportunities. <i>Emerging Topics in Life Sciences</i> , 2022, 6, 215-225.	2.6	10
25	Intelligent health system for the investigation of consenting COVID-19 patients and precision medicine. <i>Personalized Medicine</i> , 2021, 18, 573-582.	1.5	8
26	Systematically Dealing Practical Issues Associated to Healthcare Data Analytics. <i>Lecture Notes in Networks and Systems</i> , 2020, , 599-613.	0.7	6
27	DroLIGHT-2: Real Time Embedded and Data Management System for Synchronizing Circadian Clock to the Light-Dark Cycles. <i>Recent Patents on Computer Science</i> , 2013, 6, 191-205.	0.5	5
28	Design implementation of I-SOAS IPM for advanced product data management. , 2009, , .		4
29	Computational Feature Performance and Domain Specific Architecture Evaluation of Software Applications Towards Metabolic Flux Analysis. <i>Recent Patents on Computer Science</i> , 2012, 5, 165-176.	0.5	4
30	Ant-App-DB: a smart solution for monitoring arthropods activities, experimental data management and solar calculations without GPS in behavioral field studies. <i>F1000Research</i> , 0, , .	1.6	4
31	Intelligent semantic oriented agent based search (I-SOAS). , 2009, , .		3
32	Towards Performance Measurement And Metrics Based Analysis of PLA Applications. <i>International Journal of Software Engineering &amp; Applications</i> , 2010, 1, 66-80.	1.1	3
33	MSL: Facilitating automatic and physical analysis of published scientific literature in PDF format. <i>F1000Research</i> , 2015, 4, 1453.	1.6	3
34	Ant-App-Database towards Neural, Behavioral Research on Deserts Ants and Approximate Solar Estimations. <i>Frontiers in Neuroinformatics</i> , 0, 8, .	2.5	3
35	Ant-App-DB: a smart solution for monitoring arthropods activities, experimental data management and solar calculations without GPS in behavioral field studies. <i>F1000Research</i> , 2014, 3, 311.	1.6	3
36	MSL: Facilitating automatic and physical analysis of published scientific literature in PDF format. <i>F1000Research</i> , 2015, 4, 1453.	1.6	3

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37	Proposing semantic-oriented agent and knowledge base product data management. Information Management and Computer Security, 2009, 17, 360-371.	1.2	2
38	DroLIGHT: Real Time Embedded System towards Endogenous Clock Synchronization of Drosophila. Frontiers in Neuroinformatics, 0, 7, .	2.5	2
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	Investigating underlying human immunity genes, implicated diseases and their relationship to COVID-19. Personalized Medicine, 2022, , .	1.5	2
41	Intelligent human machine interface design for advanced product life cycle management systems. , 2009, , .		1
42	Applying WEKA towards Machine Learning With Genetic Algorithm and Back-propagation Neural Networks. Journal of Data Mining in Genomics & Proteomics, 2014, 05, .	0.5	1
43	IntelliEppi: Intelligent Reaction Monitoring and Holistic Data Management System for the Molecular Biology Lab. Lecture Notes in Networks and Systems, 2020, , 392-407.	0.7	1
44	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.	1.6	1
45	Design and Implementation of an Automation System Based on the Desktop and Mobile Technologies. International Journal of Sensors, Wireless Communications and Control, 2015, 4, 20-31.	0.7	0
46	PAS-MUT with Somatic Mutations in Cancer and Classified Diseases for Clinical-Genomics Research: PAS-MUT & Somatic Mutations. , 2019, , .		0
47	PAS-SNP: iOS App with GWAS SNP-Disease Database for Personalized Genomics Research: PAS-SNP for GWAS SNP-Disease. , 2019, , .		0
48	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
49	Bioinformatics Tools for PacBio Sequenced Amplicon Data Pre-processing and Target Sequence Extraction. Lecture Notes in Networks and Systems, 2020, , 326-340.	0.7	0
50	Preoperative nutritional status in patients undergoing liver transplantation. Metabolomics: Open Access, 2014, s1, .	0.1	0
51	Determination of enzymatic action mechanisms of protein extracts obtained from the mushroom MM1-UDEA involved on Mycosphaerella fijiensis Morelet growth inhibition. Journal of Proteomics and Bioinformatics, 2014, s1, .	0.4	0
52	Butterfly: A Paradigm towards Stable Bio & Neuro Informatics Tools Development. Frontiers in Neuroscience, 0, 9, .	2.8	0
53	GenomeVX: Bioinformatics Solution towards Understanding the Genome-Wide Comparative Analyses of Different Human Populations. Frontiers in Neuroscience, 0, 9, .	2.8	0
54	Lipid-Pro: A Bioinformatics Tool for Rapid Identification of Lipids in Pre-processed DIA Data. Frontiers in Neuroscience, 0, 9, .	2.8	0

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55	Developing sustainable software solutions for bioinformatics by the “Butterfly” paradigm. F1000Research, 0, , .	1.6	0