Anne-Christin Hauschild

List of Publications by Year
in descending order

34 papers	1,137 citations	516710 16 h-index	434195 31 g-index
37 all docs	37 docs citations	37 times ranked	1872 citing authors

#	Article	IF	Citations
1	mirDIP 4.1â€"integrative database of human microRNA target predictions. Nucleic Acids Research, 2018, 46, D360-D370.	14.5	430
2	Computational strategies to combat COVID-19: useful tools to accelerate SARS-CoV-2 and coronavirus research. Briefings in Bioinformatics, 2021, 22, 642-663.	6.5	110
3	GWAS-based machine learning approach to predict duloxetine response in major depressive disorder. Journal of Psychiatric Research, 2018, 99, 62-68.	3.1	60
4	Prediction of antimicrobial resistance based on whole-genome sequencing and machine learning. Bioinformatics, 2022, 38, 325-334.	4.1	54
5	Classification of Breast Cancer Subtypes by combining Gene Expression and DNA Methylation Data. Journal of Integrative Bioinformatics, 2014, 11, 1-14.	1.5	52
6	Integrated statistical learning of metabolic ion mobility spectrometry profiles for pulmonary disease identification. Genetics and Molecular Research, 2012, 11, 2733-2744.	0.2	42
7	Volatile Organic Compounds during Inflammation and Sepsis in Rats. Anesthesiology, 2015, 122, 117-126.	2.5	32
8	CORDITE: The Curated CORona Drug InTERactions Database for SARS-CoV-2. IScience, 2020, 23, 101297.	4.1	30
9	Computational Methods for Metabolomic Data Analysis of Ion Mobility Spectrometry Data&mdash;Reviewing the State of the Art. Metabolites, 2012, 2, 733-755.	2.9	29
10	Interleukin-6 Gene Expression Changes after a 4-Week Intake of a Multispecies Probiotic in Major Depressive Disorderâ€"Preliminary Results of the PROVIT Study. Nutrients, 2020, 12, 2575.	4.1	28
11	Peak Detection Method Evaluation for Ion Mobility Spectrometry by Using Machine Learning Approaches. Metabolites, 2013, 3, 277-293.	2.9	24
12	Classification of breast cancer subtypes by combining gene expression and DNA methylation data. Journal of Integrative Bioinformatics, 2014, 11, 236.	1.5	23
13	Federated Random Forests can improve local performance of predictive models for various healthcare applications. Bioinformatics, 2022, 38, 2278-2286.	4.1	23
14	Genome-wide analysis suggests the importance of vascular processes and neuroinflammation in late-life antidepressant response. Translational Psychiatry, 2021, 11, 127.	4.8	22
15	Carotta: Revealing Hidden Confounder Markers in Metabolic Breath Profiles. Metabolites, 2015, 5, 344-363.	2.9	18
16	On the importance of statistics in breath analysisâ€"hope or curse?. Journal of Breath Research, 2014, 8, 012001.	3.0	17
17	A large-scale comparative study on peptide encodings for biomedical classification. NAR Genomics and Bioinformatics, 2021, 3, lqab039.	3.2	15
18	Integrative Analysis of Next-Generation Sequencing for Next-Generation Cancer Research toward Artificial Intelligence. Cancers, 2021, 13, 3148.	3.7	15

#	Article	IF	Citations
19	Fractal construction of constrained code words for DNA storage systems. Nucleic Acids Research, 2022, 50, e30-e30.	14.5	14
20	MIMAâ€"a software for analyte identification in MCC/IMS chromatograms by mapping accompanying GC/MS measurements. International Journal for Ion Mobility Spectrometry, 2014, 17, 95-101.	1.4	12
21	On the limits of computational functional genomics for bacterial lifestyle prediction. Briefings in Functional Genomics, 2014, 13, 398-408.	2.7	11
22	An Integrative Clinical Database and Diagnostics Platform for Biomarker Identification and Analysis in Ion Mobility Spectra of Human Exhaled Air. Journal of Integrative Bioinformatics, 2013, 10, 35-47.	1.5	10
23	Transfer learning compensates limited data, batch effects and technological heterogeneity in single-cell sequencing. NAR Genomics and Bioinformatics, 2021, 3, lqab104.	3.2	8
24	Machine Learning for In Silico Modeling of Tumor Growth. Lecture Notes in Computer Science, 2016, , 415-434.	1.3	7
25	Urinary proteomics links keratan sulfate degradation and lysosomal enzymes to early type 1 diabetes. PLoS ONE, 2020, 15, e0233639.	2.5	6
26	Evaluation of machine learning strategies for imaging confirmed prostate cancer recurrence prediction on electronic health records. Computers in Biology and Medicine, 2022, 143, 105263.	7.0	6
27	Robust modelling, measurement and analysis of human and animal metabolic systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2009, 367, 1971-1992.	3.4	5
28	Signals of neutropenia in human breath?. International Journal for Ion Mobility Spectrometry, 2014, 17, 19-23.	1.4	5
29	An integrative clinical database and diagnostics platform for biomarker identification and analysis in ion mobility spectra of human exhaled air. Journal of Integrative Bioinformatics, 2013, 10, 218.	1.5	5
30	Fostering reproducibility, reusability, and technology transfer in health informatics. IScience, 2021, 24, 102803.	4.1	3
31	Visualization of Biomedical Networks. , 2019, , 1016-1035.		2
32	LifeStyle-Specific-Islands (LiSSI): Integrated Bioinformatics Platform for Genomic Island Analysis. Journal of Integrative Bioinformatics, 2017, 14, .	1.5	1
33	S79. Predicting Venlafaxine Remission in Late-Life Depression Using Genome-Wide and Clinical Data. Biological Psychiatry, 2019, 85, S327-S328.	1.3	0
34	F24SYSTEMS BIOLOGY APPROACH TO EVALUATE GENETIC FACTORS OF ANTIPSYCHOTIC INDUCED WEIGHT GAIN IN PATIENTS WITH SCHIZOPHRENIA. European Neuropsychopharmacology, 2019, 29, S1122.	0.7	0