

Abrahm Karaman

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,125
citations

516710

16
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

5515
citing authors

#	ARTICLE	IF	CITATIONS
1	Finding Correspondence between Metabolomic Features in Untargeted Liquid Chromatography–Mass Spectrometry Metabolomics Datasets. <i>Analytical Chemistry</i> , 2022, 94, 5493-5503.	6.5	9
2	Metabolic phenotyping and cardiovascular disease: an overview of evidence from epidemiological settings. <i>Heart</i> , 2021, 107, 1123-1129.	2.9	22
3	Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1145-1156.	4.7	27
4	Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 893-906.	4.7	11
5	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. <i>BMC Medicine</i> , 2021, 19, 266.	5.5	11
6	Determinants of accelerated metabolomic and epigenetic aging in a UK cohort. <i>Aging Cell</i> , 2020, 19, e13149.	6.7	95
7	Targeted realignment of LC-MS profiles by neighbor-wise compound-specific graphical time warping with misalignment detection. <i>Bioinformatics</i> , 2020, 36, 2862-2871.	4.1	14
8	GWAS for urinary sodium and potassium excretion highlights pathways shared with cardiovascular traits. <i>Nature Communications</i> , 2019, 10, 3653.	12.8	24
9	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. <i>Nature Human Behaviour</i> , 2019, 3, 950-961.	12.0	75
10	Serum metabolic signatures of coronary and carotid atherosclerosis and subsequent cardiovascular disease. <i>European Heart Journal</i> , 2019, 40, 2883-2896.	2.2	107
11	Metabolomics Profiling of Visceral Adipose Tissue: Results From MESA and the NEO Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010810.	3.7	24
12	PhenoMeNal: processing and analysis of metabolomics data in the cloud. <i>GigaScience</i> , 2019, 8, .	6.4	60
13	Applications of Metabolic Phenotyping in Epidemiology. , 2019, , 491-534.		0
14	Processing and Analysis of Untargeted Multicohort NMR Data. <i>Methods in Molecular Biology</i> , 2019, 2037, 453-470.	0.9	2
15	A comparison of human serum and plasma metabolites using untargeted 1H NMR spectroscopy and UPLC-MS. <i>Metabolomics</i> , 2018, 14, 32.	3.0	31
16	Metabolomics Data Preprocessing: From Raw Data to Features for Statistical Analysis. <i>Comprehensive Analytical Chemistry</i> , 2018, , 197-225.	1.3	5
17	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
18	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. <i>Nature Genetics</i> , 2017, 49, 403-415.	21.4	492

#	ARTICLE	IF	CITATIONS
19	Preprocessing and Pretreatment of Metabolomics Data for Statistical Analysis. <i>Advances in Experimental Medicine and Biology</i> , 2017, 965, 145-161.	1.6	34
20	Improving Visualization and Interpretation of Metabolome-Wide Association Studies: An Application in a Population-Based Cohort Using Untargeted ¹ H NMR Metabolic Profiling. <i>Journal of Proteome Research</i> , 2017, 16, 3623-3633.	3.7	26
21	Workflow for Integrated Processing of Multicohort Untargeted ¹ H NMR Metabolomics Data in Large-Scale Metabolic Epidemiology. <i>Journal of Proteome Research</i> , 2016, 15, 4188-4194.	3.7	37
22	Sparse multi-block PLSR for biomarker discovery when integrating data from LC-MS and NMR metabolomics. <i>Metabolomics</i> , 2015, 11, 367-379.	3.0	27
23	Whole Grain Consumption Increases Gastrointestinal Content of Sulfate-Conjugated Oxylipins in Pigs - A Multicompartmental Metabolomics Study. <i>Journal of Proteome Research</i> , 2015, 14, 3095-3110.	3.7	7
24	Comparison of Sparse and Jack-knife partial least squares regression methods for variable selection. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 122, 65-77.	3.5	27