Ä°brahÄ°m Karaman

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2079825/publications.pdf

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24	2,125	516710	610901
papers	citations	16	24
		h-index	g-index

30	30	30	5515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
2	Genome-wide association analysis identifies novel blood pressure loci and offers biological insights into cardiovascular risk. Nature Genetics, 2017, 49, 403-415.	21.4	492
3	Serum metabolic signatures of coronary and carotid atherosclerosis and subsequent cardiovascular disease. European Heart Journal, 2019, 40, 2883-2896.	2.2	107
4	Determinants of accelerated metabolomic and epigenetic aging in a UK cohort. Aging Cell, 2020, 19, e13149.	6.7	95
5	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	12.0	75
6	PhenoMeNal: processing and analysis of metabolomics data in the cloud. GigaScience, 2019, 8, .	6.4	60
7	Workflow for Integrated Processing of Multicohort Untargeted ¹H NMR Metabolomics Data in Large-Scale Metabolic Epidemiology. Journal of Proteome Research, 2016, 15, 4188-4194.	3.7	37
8	Preprocessing and Pretreatment of Metabolomics Data for Statistical Analysis. Advances in Experimental Medicine and Biology, 2017, 965, 145-161.	1.6	34
9	A comparison of human serum and plasma metabolites using untargeted 1H NMR spectroscopy and UPLC-MS. Metabolomics, 2018, 14, 32.	3.0	31
10	Comparison of Sparse and Jack-knife partial least squares regression methods for variable selection. Chemometrics and Intelligent Laboratory Systems, 2013, 122, 65-77.	3.5	27
11	Sparse multi-block PLSR for biomarker discovery when integrating data from LCâ€“MS and NMR metabolomics. Metabolomics, 2015, 11, 367-379.	3.0	27
12	Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. American Journal of Clinical Nutrition, 2021, 113, 1145-1156.	4.7	27
13	Improving Visualization and Interpretation of Metabolome-Wide Association Studies: An Application in a Population-Based Cohort Using Untargeted ¹H NMR Metabolic Profiling. Journal of Proteome Research, 2017, 16, 3623-3633.	3.7	26
14	GWAS for urinary sodium and potassium excretion highlights pathways shared with cardiovascular traits. Nature Communications, 2019, 10, 3653.	12.8	24
15	Metabolomics Profiling of Visceral Adipose Tissue: Results From MESA and the NEO Study. Journal of the American Heart Association, 2019, 8, e010810.	3.7	24
16	Metabolic phenotyping and cardiovascular disease: an overview of evidence from epidemiological settings. Heart, 2021, 107, 1123-1129.	2.9	22
17	Targeted realignment of LC-MS profiles by neighbor-wise compound-specific graphical time warping with misalignment detection. Bioinformatics, 2020, 36, 2862-2871.	4.1	14
18	Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. American Journal of Clinical Nutrition, 2021, 114, 893-906.	4.7	11

#	Article	IF	Citations
19	Higher thyrotropin leads to unfavorable lipid profile and somewhat higher cardiovascular disease risk: evidence from multi-cohort Mendelian randomization and metabolomic profiling. BMC Medicine, 2021, 19, 266.	5.5	11
20	Finding Correspondence between Metabolomic Features in Untargeted Liquid Chromatographyâ€“Mass Spectrometry Metabolomics Datasets. Analytical Chemistry, 2022, 94, 5493-5503.	6.5	9
21	Whole Grain Consumption Increases Gastrointestinal Content of Sulfate-Conjugated Oxylipins in Pigs â^’ A Multicompartmental Metabolomics Study. Journal of Proteome Research, 2015, 14, 3095-3110.	3.7	7
22	Metabolomics Data Preprocessing: From Raw Data to Features for Statistical Analysis. Comprehensive Analytical Chemistry, 2018, , 197-225.	1.3	5
23	Processing and Analysis of Untargeted Multicohort NMR Data. Methods in Molecular Biology, 2019, 2037, 453-470.	0.9	2
24	Applications of Metabolic Phenotyping in Epidemiology. , 2019, , 491-534.		0