

Muhammad Arif

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,040
citations

489802

18
h-index

511568

30
g-index

46
all docs

46
docs citations

46
times ranked

8148
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiomics Analysis Reveals the Impact of Microbiota on Host Metabolism in Hepatic Steatosis. <i>Advanced Science</i> , 2022, 9, e2104373.	5.6	23
2	Machine Learning Analysis Reveals Biomarkers for the Detection of Neurological Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, .	1.4	3
3	Discovery of Functional Alternatively Spliced PKM Transcripts in Human Cancers. <i>Cancers</i> , 2021, 13, 348.	1.7	8
4	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. <i>Nature</i> , 2021, 590, 649-654.	13.7	104
5	iNetModels 2.0: an interactive visualization and database of multi-omics data. <i>Nucleic Acids Research</i> , 2021, 49, W271-W276.	6.5	25
6	Molecular pathways behind acquired obesity: Adipose tissue and skeletal muscle multiomics in monozygotic twin pairs discordant for BMI. <i>Cell Reports Medicine</i> , 2021, 2, 100226.	3.3	31
7	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction. <i>ELife</i> , 2021, 10, .	2.8	20
8	Combined Metabolic Activators Accelerates Recovery in Mild to Moderate COVID-19. <i>Advanced Science</i> , 2021, 8, e2101222.	5.6	49
9	A single-cell type transcriptomics map of human tissues. <i>Science Advances</i> , 2021, 7, .	4.7	632
10	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. <i>IScience</i> , 2021, 24, 102722.	1.9	8
11	Glucosylceramide synthase deficiency in the heart compromises β 1-adrenergic receptor trafficking. <i>European Heart Journal</i> , 2021, 42, 4481-4492.	1.0	14
12	Systems Analysis Reveals Ageing-Related Perturbations in Retinoids and Sex Hormones in Alzheimer's and Parkinson's Diseases. <i>Biomedicines</i> , 2021, 9, 1310.	1.4	8
13	Combined metabolic activators therapy ameliorates liver fat in nonalcoholic fatty liver disease patients. <i>Molecular Systems Biology</i> , 2021, 17, e10459.	3.2	22
14	A network-based approach reveals the dysregulated transcriptional regulation in non-alcoholic fatty liver disease. <i>IScience</i> , 2021, 24, 103222.	1.9	14
15	Revealing the Molecular Mechanisms of Alzheimer's Disease Based on Network Analysis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11556.	1.8	10
16	Next generation plasma proteome profiling of COVID-19 patients with mild to moderate symptoms. <i>EBioMedicine</i> , 2021, 74, 103723.	2.7	26
17	Skeletal Muscle Transcriptomic Comparison between Long-Term Trained and Untrained Men and Women. <i>Cell Reports</i> , 2020, 31, 107808.	2.9	39
18	Integration of molecular profiles in a longitudinal wellness profiling cohort. <i>Nature Communications</i> , 2020, 11, 4487.	5.8	66

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19	Classification of clear cell renal cell carcinoma based on PKM alternative splicing. <i>Heliyon</i> , 2020, 6, e03440.	1.4	9
20	Boosting Natural Killer Cell-Mediated Targeting of Sarcoma Through DNAM-1 and NKG2D. <i>Frontiers in Immunology</i> , 2020, 11, 40.	2.2	40
21	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against non-alcoholic fatty liver disease. <i>Molecular Systems Biology</i> , 2020, 16, e9495.	3.2	39
22	Elucidating the Reprogramming of Colorectal Cancer Metabolism Using Genome-Scale Metabolic Modeling. <i>Frontiers in Oncology</i> , 2019, 9, 681.	1.3	40
23	Cardiac expression of the microsomal triglyceride transport protein protects the heart function during ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 1-8.	0.9	3
24	Characterization of heterogeneous redox responses in hepatocellular carcinoma patients using network analysis. <i>EBioMedicine</i> , 2019, 40, 471-487.	2.7	38
25	Pyruvate kinase L/R is a regulator of lipid metabolism and mitochondrial function. <i>Metabolic Engineering</i> , 2019, 52, 263-272.	3.6	37
26	TCSBN: a database of tissue and cancer specific biological networks. <i>Nucleic Acids Research</i> , 2018, 46, D595-D600.	6.5	55
27	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. <i>Scientific Reports</i> , 2018, 8, 14200.	1.6	28
28	ESS: A Tool for Genome-Scale Quantification of Essentiality Score for Reaction/Genes in Constraint-Based Modeling. <i>Frontiers in Physiology</i> , 2018, 9, 1355.	1.3	8
29	Metabolic Network-Based Identification and Prioritization of Anticancer Targets Based on Expression Data in Hepatocellular Carcinoma. <i>Frontiers in Physiology</i> , 2018, 9, 916.	1.3	38
30	A pathology atlas of the human cancer transcriptome. <i>Science</i> , 2017, 357, .	6.0	2,570