Muhammad Arif

List of Publications by Year
in descending order

30 papers	4,040 citations

430874
| 18 h-index |

454955
| 30 g-index |

| 46 all docs | 46 docs citations | 46 times ranked | 7510 citing authors |

#	Article	IF	Citations
1	Multiomics Analysis Reveals the Impact of Microbiota on Host Metabolism in Hepatic Steatosis. Advanced Science, 2022, 9, e2104373.	11.2	23
2	Machine Learning Analysis Reveals Biomarkers for the Detection of Neurological Diseases. Frontiers in Molecular Neuroscience, 2022, 15, .	2.9	3
3	Discovery of Functional Alternatively Spliced PKM Transcripts in Human Cancers. Cancers, 2021, 13, 348.	3.7	8
4	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. Nature, 2021, 590, 649-654.	27.8	104
5	iNetModels 2.0: an interactive visualization and database of multi-omics data. Nucleic Acids Research, 2021, 49, W271-W276.	14.5	25
6	Molecular pathways behind acquired obesity: Adipose tissue and skeletal muscle multiomics in monozygotic twin pairs discordant for BMI. Cell Reports Medicine, 2021, 2, 100226.	6.5	31
7	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction. ELife, 2021, 10, .	6.0	20
8	Combined Metabolic Activators Accelerates Recovery in Mildâ€toâ€Moderate COVIDâ€19. Advanced Science, 2021, 8, e2101222.	11.2	49
9	A singleâ€"cell type transcriptomics map of human tissues. Science Advances, 2021, 7, .	10.3	632
10	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. IScience, 2021, 24, 102722.	4.1	8
11	Glucosylceramide synthase deficiency in the heart compromises Î²1-adrenergic receptor trafficking. European Heart Journal, 2021, 42, 4481-4492.	2.2	14
12	Systems Analysis Reveals Ageing-Related Perturbations in Retinoids and Sex Hormones in Alzheimerâ€™s and Parkinsonâ€™s Diseases. Biomedicines, 2021, 9, 1310.	3.2	8
13	Combined metabolic activators therapy ameliorates liver fat in nonalcoholic fatty liver disease patients. Molecular Systems Biology, 2021, 17, e10459.	7.2	22
14	A network-based approach reveals the dysregulated transcriptional regulation in non-alcoholic fatty liver disease. IScience, 2021, 24, 103222.	4.1	14
15	Revealing the Molecular Mechanisms of Alzheimerâ€™s Disease Based on Network Analysis. International Journal of Molecular Sciences, 2021, 22, 11556.	4.1	10
16	Next generation plasma proteome profiling of COVID-19 patients with mild to moderate symptoms. EBioMedicine, 2021, 74, 103723.	6.1	26
17	Skeletal Muscle Transcriptomic Comparison between Long-Term Trained and Untrained Men and Women. Cell Reports, 2020, 31, 107808.	6.4	39
18	Integration of molecular profiles in a longitudinal wellness profiling cohort. Nature Communications, 2020, 11, 4487.	12.8	66

#	ARTICLE	IF	CITATIONS
19	Classification of clear cell renal cell carcinoma based on PKM alternative splicing. Heliyon, 2020, 6, e03440.	3.2	9
20	Boosting Natural Killer Cell-Mediated Targeting of Sarcoma Through DNAM-1 and NKG2D. Frontiers in Immunology, 2020, 11, 40.	4.8	40
21	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against nonâ€alcoholic fatty liver disease. Molecular Systems Biology, 2020, 16, e9495.	7.2	39
22	Elucidating the Reprograming of Colorectal Cancer Metabolism Using Genome-Scale Metabolic Modeling. Frontiers in Oncology, 2019, 9, 681.	2.8	40
23	Cardiac expression of the microsomal triglyceride transport protein protects the heart function during ischemia. Journal of Molecular and Cellular Cardiology, 2019, 137, 1-8.	1.9	3
24	Characterization of heterogeneous redox responses in hepatocellular carcinoma patients using network analysis. EBioMedicine, 2019, 40, 471-487.	6.1	38
25	Pyruvate kinase L/R is a regulator of lipid metabolism and mitochondrial function. Metabolic Engineering, 2019, 52, 263-272.	7.0	37
26	TCSBN: a database of tissue and cancer specific biological networks. Nucleic Acids Research, 2018, 46, D595-D600.	14.5	55
27	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. Scientific Reports, 2018, 8, 14200.	3.3	28
28	ESS: A Tool for Genome-Scale Quantification of Essentiality Score for Reaction/Genes in Constraint-Based Modeling. Frontiers in Physiology, 2018, 9, 1355.	2.8	8
29	Metabolic Network-Based Identification and Prioritization of Anticancer Targets Based on Expression Data in Hepatocellular Carcinoma. Frontiers in Physiology, 2018, 9, 916.	2.8	38
30	A pathology atlas of the human cancer transcriptome. Science, 2017, 357, .	12.6	2,570