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	A pathology atlas of the human cancer transcriptome. Science, 2017, 357, .	12.6	2,570
2	A single–cell type transcriptomics map of human tissues. Science Advances, 2021, 7, .	10.3	632
3	Spatiotemporal dissection of the cell cycle with single-cell proteogenomics. Nature, 2021, 590, 649-654.	27.8	104
4	Integration of molecular profiles in a longitudinal wellness profiling cohort. Nature Communications, 2020, 11, 4487.	12.8	66
5	TCSBN: a database of tissue and cancer specific biological networks. Nucleic Acids Research, 2018, 46, D595-D600.	14.5	55
6	Combined Metabolic Activators Accelerates Recovery in Mild–to–Moderate COVID–19. Advanced Science, 2021, 8, e2101222.	11.2	49
7	Elucidating the Reprograming of Colorectal Cancer Metabolism Using Genome-Scale Metabolic Modeling. Frontiers in Oncology, 2019, 9, 681.	2.8	40
8	Boosting Natural Killer Cell-Mediated Targeting of Sarcoma Through DNAM-1 and NKG2D. Frontiers in Immunology, 2020, 11, 40.	4.8	40
9	Skeletal Muscle Transcriptomic Comparison between Long-Term Trained and Untrained Men and Women. Cell Reports, 2020, 31, 107808.	6.4	39
10	The acute effect of metabolic cofactor supplementation: a potential therapeutic strategy against non–alcoholic fatty liver disease. Molecular Systems Biology, 2020, 16, e9495.	7.2	39
11	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
12	Characterization of heterogeneous redox responses in hepatocellular carcinoma patients using network analysis. EBioMedicine, 2019, 40, 471-487.	6.1	38
13	Pyruvate kinase L/R is a regulator of lipid metabolism and mitochondrial function. Metabolic Engineering, 2019, 52, 263-272.	7.0	37
14	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
15	Characterization of different fat depots in NAFLD using inflammation-associated proteome, lipidome and metabolome. Scientific Reports, 2018, 8, 14200.	3.3	28
16	Next generation plasma proteome profiling of COVID-19 patients with mild to moderate symptoms. EBioMedicine, 2021, 74, 103723.	6.1	26
17	iNetModels 2.0: an interactive visualization and database of multi-omics data. Nucleic Acids Research, 2021, 49, W271-W276.	14.5	25
18	Multiomics Analysis Reveals the Impact of Microbiota on Host Metabolism in Hepatic Steatosis. Advanced Science, 2022, 9, e2104373.	11.2	23

#	Article	IF	Citations
19	Combined metabolic activators therapy ameliorates liver fat in nonalcoholic fatty liver disease patients. Molecular Systems Biology, 2021, 17, e10459.	7.2	22
20	Integrative transcriptomic analysis of tissue-specific metabolic crosstalk after myocardial infarction. ELife, 2021, 10, .	6.0	20
21	Glucosylceramide synthase deficiency in the heart compromises β1-adrenergic receptor trafficking. European Heart Journal, 2021, 42, 4481-4492.	2.2	14
22	A network-based approach reveals the dysregulated transcriptional regulation in non-alcoholic fatty liver disease. IScience, 2021, 24, 103222.	4.1	14
23	Revealing the Molecular Mechanisms of Alzheimer's Disease Based on Network Analysis. International Journal of Molecular Sciences, 2021, 22, 11556.	4.1	10
24	Classification of clear cell renal cell carcinoma based on PKM alternative splicing. Heliyon, 2020, 6, e03440.	3.2	9
25	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
26	Discovery of Functional Alternatively Spliced PKM Transcripts in Human Cancers. Cancers, 2021, 13, 348.	3.7	8
27	Stratification of patients with clear cell renal cell carcinoma to facilitate drug repositioning. IScience, 2021, 24, 102722.	4.1	8
28	Systems Analysis Reveals Ageing-Related Perturbations in Retinoids and Sex Hormones in Alzheimer's and Parkinson's Diseases. Biomedicines, 2021, 9, 1310.	3.2	8
29	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
30	Machine Learning Analysis Reveals Biomarkers for the Detection of Neurological Diseases. Frontiers in Molecular Neuroscience, 2022, 15, .	2.9	3