

Min Yuan

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

2,805

citations

20

h-index

30

g-index

30

ext. papers

3,594

ext. citations

14.6

avg, IF

4.74

L-index

#	Paper	IF	Citations
26	Oncogene ablation-resistant pancreatic cancer cells depend on mitochondrial function. <i>Nature</i> , 2014 , 514, 628-32	50.4	727
25	A positive/negative ion-switching, targeted mass spectrometry-based metabolomics platform for bodily fluids, cells, and fresh and fixed tissue. <i>Nature Protocols</i> , 2012 , 7, 872-81	18.8	615
24	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014 , 508, 541-5	50.4	232
23	Harmonizing lipidomics: NIST interlaboratory comparison exercise for lipidomics using SRM 1950-Metabolites in Frozen Human Plasma. <i>Journal of Lipid Research</i> , 2017 , 58, 2275-2288	6.3	220
22	Targeted deletion of PD-1 in myeloid cells induces antitumor immunity. <i>Science Immunology</i> , 2020 , 5,	28	137
21	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , 2016 , 353, 929-32	33.3	120
20	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016 , 18, 886-896	23.4	109
19	Phosphorylation of EZH2 by AMPK Suppresses PRC2 Methyltransferase Activity and Oncogenic Function. <i>Molecular Cell</i> , 2018 , 69, 279-291.e5	17.6	91
18	A relative quantitative positive/negative ion switching method for untargeted lipidomics via high resolution LC-MS/MS from any biological source. <i>Metabolomics</i> , 2017 , 13, 1	4.7	86
17	The mTORC1 Signaling Network Senses Changes in Cellular Purine Nucleotide Levels. <i>Cell Reports</i> , 2017 , 21, 1331-1346	10.6	83
16	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , 2019 , 21, 226-237	23.4	63
15	Ex vivo and in vivo stable isotope labelling of central carbon metabolism and related pathways with analysis by LC-MS/MS. <i>Nature Protocols</i> , 2019 , 14, 313-330	18.8	54
14	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018 , 37,	13	39
13	Inhibiting Oxidative Phosphorylation In Vivo Restrains Th17 Effector Responses and Ameliorates Murine Colitis. <i>Journal of Immunology</i> , 2017 , 198, 2735-2746	5.3	34
12	Selenoprotein H is an essential regulator of redox homeostasis that cooperates with p53 in development and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E5562-71	11.5	33
11	miR-147b-mediated TCA cycle dysfunction and pseudohypoxia initiate drug tolerance to EGFR inhibitors in lung adenocarcinoma. <i>Nature Metabolism</i> , 2019 , 1, 460-474	14.6	32
10	A Cross-Species Study of PI3K Protein-Protein Interactions Reveals the Direct Interaction of P85 and SHP2. <i>Scientific Reports</i> , 2016 , 6, 20471	4.9	30

9	The TORC1-Regulated CPA Complex Rewires an RNA Processing Network to Drive Autophagy and Metabolic Reprogramming. <i>Cell Metabolism</i> , 2018 , 27, 1040-1054.e8	24.6	28
8	Triomics Analysis of Imatinib-Treated Myeloma Cells Connects Kinase Inhibition to RNA Processing and Decreased Lipid Biosynthesis. <i>Analytical Chemistry</i> , 2015 , 87, 10995-1006	7.8	23
7	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021 , 31, 80-93	24.7	21
6	Serial-omics of P53 ^{-/-} , Brca1 ^{-/-} Mouse Breast Tumor and Normal Mammary Gland. <i>Scientific Reports</i> , 2017 , 7, 14503	4.9	7
5	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for <i>Candida albicans</i> Cell Wall Maintenance. <i>MBio</i> , 2020 , 11,	7.8	6
4	: An Untargeted and Unbiased Metabolite and Lipid Isotopomer Tracing Strategy from HR-LC-MS/MS Datasets. <i>Methods and Protocols</i> , 2020 , 3,	2.5	4
3	Targeted metabolomics analysis of postoperative delirium. <i>Scientific Reports</i> , 2021 , 11, 1521	4.9	4
2	Serial-omics characterization of equine urine. <i>PLoS ONE</i> , 2017 , 12, e0186258	3.7	3
1	GlcNAc is a mast-cell chromatin-remodeling oncometabolite that promotes systemic mastocytosis aggressiveness. <i>Blood</i> , 2021 , 138, 1590-1602	2.2	1