

# Min Yuan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3438481/publications.pdf>

Version: 2024-02-01

28  
papers

4,176  
citations

361413

20  
h-index

526287

27  
g-index

30  
all docs

30  
docs citations

30  
times ranked

9400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncogene ablation-resistant pancreatic cancer cells depend on mitochondrial function. <i>Nature</i> , 2014, 514, 628-632.	27.8	998
2	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, 872-881.	12.0	863
3	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.	4.2	312
4	Targeted deletion of PD-1 in myeloid cells induces antitumor immunity. <i>Science Immunology</i> , 2020, 5, .	11.9	287
5	Cell-cycle-regulated activation of Akt kinase by phosphorylation at its carboxyl terminus. <i>Nature</i> , 2014, 508, 541-545.	27.8	285
6	Yap reprograms glutamine metabolism to increase nucleotide biosynthesis and enable liver growth. <i>Nature Cell Biology</i> , 2016, 18, 886-896.	10.3	168
7	pVHL suppresses kinase activity of Akt in a proline-hydroxylation-dependent manner. <i>Science</i> , 2016, 353, 929-932.	12.6	165
8	The mTORC1 Signaling Network Senses Changes in Cellular Purine Nucleotide Levels. <i>Cell Reports</i> , 2017, 21, 1331-1346.	6.4	149
9	Phosphorylation of EZH2 by AMPK Suppresses PRC2 Methyltransferase Activity and Oncogenic Function. <i>Molecular Cell</i> , 2018, 69, 279-291.e5.	9.7	138
10	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.	3.0	124
11	AKT methylation by SETDB1 promotes AKT kinase activity and oncogenic functions. <i>Nature Cell Biology</i> , 2019, 21, 226-237.	10.3	109
12	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.	12.0	106
13	Yap regulates glucose utilization and sustains nucleotide synthesis to enable organ growth. <i>EMBO Journal</i> , 2018, 37, .	7.8	73
14	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.	11.9	57
15	Inhibiting Oxidative Phosphorylation In Vivo Restrains Th17 Effector Responses and Ameliorates Murine Colitis. <i>Journal of Immunology</i> , 2017, 198, 2735-2746.	0.8	56
16	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.	16.2	54
17	Skp2 dictates cell cycle-dependent metabolic oscillation between glycolysis and TCA cycle. <i>Cell Research</i> , 2021, 31, 80-93.	12.0	51
18	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.	7.1	49

#	ARTICLE	IF	CITATIONS
19	A Cross-Species Study of PI3K Protein-Protein Interactions Reveals the Direct Interaction of P85 and SHP2. <i>Scientific Reports</i> , 2016, 6, 20471.	3.3	34
20	Triomics Analysis of Imatinib-Treated Myeloma Cells Connects Kinase Inhibition to RNA Processing and Decreased Lipid Biosynthesis. <i>Analytical Chemistry</i> , 2015, 87, 10995-11006.	6.5	26
21	Targeted metabolomics analysis of postoperative delirium. <i>Scientific Reports</i> , 2021, 11, 1521.	3.3	24
22	Phosphoric Metabolites Link Phosphate Import and Polysaccharide Biosynthesis for <i>Candida albicans</i> Cell Wall Maintenance. <i>MBio</i> , 2020, 11, .	4.1	16
23	IsoSearch: An Untargeted and Unbiased Metabolite and Lipid Isotopomer Tracing Strategy from HR-LC-MS/MS Datasets. <i>Methods and Protocols</i> , 2020, 3, 54.	2.0	11
24	Serial-omics of P53 <sup>+/+</sup> , Brca1 <sup>+/+</sup> Mouse Breast Tumor and Normal Mammary Gland. <i>Scientific Reports</i> , 2017, 7, 14503.	3.3	9
25	Serial-omics characterization of equine urine. <i>PLoS ONE</i> , 2017, 12, e0186258.	2.5	4
26	GlcNAc is a mast-cell chromatin-remodeling oncometabolite that promotes systemic mastocytosis aggressiveness. <i>Blood</i> , 2021, 138, 1590-1602.	1.4	4
27	Comparative Untargeted Metabolomic Profiling of Induced Mitochondrial Fusion in Pancreatic Cancer. <i>Metabolites</i> , 2021, 11, 627.	2.9	1
28	<i>Candida albicans</i> phosphate transport, facilitating nucleotide sugar biosynthesis, contributes to cell wall stability.. <i>Access Microbiology</i> , 2021, 3, .	0.5	0