

Ilaria Elia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7623162/publications.pdf>

Version: 2024-02-01

19
papers

2,720
citations

471509

17
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

4975
citing authors

#	ARTICLE	IF	CITATIONS
1	Fatty acid carbon is essential for dNTP synthesis in endothelial cells. <i>Nature</i> , 2015, 520, 192-197.	27.8	466
2	Proline metabolism supports metastasis formation and could be inhibited to selectively target metastasizing cancer cells. <i>Nature Communications</i> , 2017, 8, 15267.	12.8	297
3	Metabolites and the tumour microenvironment: from cellular mechanisms to systemic metabolism. <i>Nature Metabolism</i> , 2021, 3, 21-32.	11.9	250
4	The mTORC1/S6K1 Pathway Regulates Glutamine Metabolism through the eIF4B-Dependent Control of c-Myc Translation. <i>Current Biology</i> , 2014, 24, 2274-2280.	3.9	213
5	Breast cancer cells rely on environmental pyruvate to shape the metastatic niche. <i>Nature</i> , 2019, 568, 117-121.	27.8	213
6	Pyruvate Kinase Isoform Expression Alters Nucleotide Synthesis to Impact Cell Proliferation. <i>Molecular Cell</i> , 2015, 57, 95-107.	9.7	209
7	Breast Cancer-Derived Lung Metastases Show Increased Pyruvate Carboxylase-Dependent Anaplerosis. <i>Cell Reports</i> , 2016, 17, 837-848.	6.4	203
8	Metabolic Hallmarks of Metastasis Formation. <i>Trends in Cell Biology</i> , 2018, 28, 673-684.	7.9	175
9	Quiescent Endothelial Cells Upregulate Fatty Acid β -Oxidation for Vasculoprotection via Redox Homeostasis. <i>Cell Metabolism</i> , 2018, 28, 881-894.e13.	16.2	174
10	Age-induced accumulation of methylmalonic acid promotes tumour progression. <i>Nature</i> , 2020, 585, 283-287.	27.8	115
11	Organ-Specific Cancer Metabolism and Its Potential for Therapy. <i>Handbook of Experimental Pharmacology</i> , 2015, 233, 321-353.	1.8	86
12	Amino acid levels determine metabolism and CYP450 function of hepatocytes and hepatoma cell lines. <i>Nature Communications</i> , 2020, 11, 1393.	12.8	79
13	Tumor cells dictate anti-tumor immune responses by altering pyruvate utilization and succinate signaling in CD8+ T cells. <i>Cell Metabolism</i> , 2022, 34, 1137-1150.e6.	16.2	78
14	In vivo cancer metabolism is defined by the nutrient microenvironment. <i>Translational Cancer Research</i> , 2016, 5, S1284-S1287.	1.0	50
15	Altered propionate metabolism contributes to tumour progression and aggressiveness. <i>Nature Metabolism</i> , 2022, 4, 435-443.	11.9	33
16	Cell-specific transcriptional control of mitochondrial metabolism by TIF1 β drives erythropoiesis. <i>Science</i> , 2021, 372, 716-721.	12.6	25
17	^{13}C Tracer Analysis and Metabolomics in 3D Cultured Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 1862, 53-66.	0.9	19
18	Myogenic induction of adult and pluripotent stem cells using recombinant proteins. <i>Biochemical and Biophysical Research Communications</i> , 2015, 464, 755-761.	2.1	10

#	ARTICLE	IF	CITATIONS
19	Integrating metabolic engineering and immunotherapy. Current Opinion in Systems Biology, 2021, 28, 100361.	2.6	2