

# Marco Sciacovelli

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8597585/publications.pdf>

Version: 2024-02-01

25  
papers

2,552  
citations

331670

21  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

4895  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fumarate is an epigenetic modifier that elicits epithelial-to-mesenchymal transition. <i>Nature</i> , 2016, 537, 544-547.	27.8	443
2	Metabolic reprogramming and epithelial-to-mesenchymal transition in cancer. <i>FEBS Journal</i> , 2017, 284, 3132-3144.	4.7	230
3	The Mitochondrial Chaperone TRAP1 Promotes Neoplastic Growth by Inhibiting Succinate Dehydrogenase. <i>Cell Metabolism</i> , 2013, 17, 988-999.	16.2	217
4	Fumarate induces redox-dependent senescence by modifying glutathione metabolism. <i>Nature Communications</i> , 2015, 6, 6001.	12.8	208
5	Activation of mitochondrial ERK protects cancer cells from death through inhibition of the permeability transition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 726-731.	7.1	203
6	Signal transduction to the permeability transition pore. <i>FEBS Letters</i> , 2010, 584, 1989-1996.	2.8	158
7	Germline FH Mutations Presenting With Pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2046-E2050.	3.6	147
8	Oncometabolites: Unconventional triggers of oncogenic signalling cascades. <i>Free Radical Biology and Medicine</i> , 2016, 100, 175-181.	2.9	137
9	Fumarate hydratase in cancer: A multifaceted tumour suppressor. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 15-25.	5.0	103
10	The Metabolic Alterations of Cancer Cells. <i>Methods in Enzymology</i> , 2014, 542, 1-23.	1.0	87
11	Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. <i>Molecular Systems Biology</i> , 2021, 17, e9730.	7.2	78
12	Inhibition of succinate dehydrogenase by the mitochondrial chaperone TRAP1 has anti-oxidant and anti-apoptotic effects on tumor cells. <i>Oncotarget</i> , 2014, 5, 11897-11908.	1.8	73
13	Chemotherapeutic induction of mitochondrial oxidative stress activates GSK-3 $\beta$ and Bax, leading to permeability transition pore opening and tumor cell death. <i>Cell Death and Disease</i> , 2012, 3, e444-e444.	6.3	62
14	Fumarate Hydratase Loss Causes Combined Respiratory Chain Defects. <i>Cell Reports</i> , 2017, 21, 1036-1047.	6.4	61
15	SERPINB3 protects from oxidative damage by chemotherapeutics through inhibition of mitochondrial respiratory complex I. <i>Oncotarget</i> , 2014, 5, 2418-2427.	1.8	57
16	Mutations in mitochondrial DNA causing tubulointerstitial kidney disease. <i>PLoS Genetics</i> , 2017, 13, e1006620.	3.5	52
17	Antamanide, a Derivative of <i>Amanita phalloides</i> , Is a Novel Inhibitor of the Mitochondrial Permeability Transition Pore. <i>PLoS ONE</i> , 2011, 6, e16280.	2.5	44
18	The context-specific roles of urea cycle enzymes in tumorigenesis. <i>Molecular Cell</i> , 2021, 81, 3749-3759.	9.7	34

#	ARTICLE	IF	CITATIONS
19	Metabolic Drivers in Hereditary Cancer Syndromes. Annual Review of Cancer Biology, 2020, 4, 77-97.	4.5	32
20	Post-translational regulation of metabolism in fumarate hydratase deficient cancer cells. Metabolic Engineering, 2018, 45, 149-157.	7.0	27
21	Fumarate drives EMT in renal cancer. Cell Death and Differentiation, 2017, 24, 1-2.	11.2	24
22	Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. Nature Communications, 2021, 12, 4814.	12.8	19
23	Succinate Anaplerosis Has an Onco-Driving Potential in Prostate Cancer Cells. Cancers, 2021, 13, 1727.	3.7	13
24	Low P66shc with High SerpinB3 Levels Favors Necroptosis and Better Survival in Hepatocellular Carcinoma. Biology, 2021, 10, 363.	2.8	7
25	S12.30 Apoptosis regulation by the mitochondrial chaperone trap-1/hsp-75. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, S83.	1.0	0