

Marco Sciacovelli

List of Publications by Year in descending order

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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	Low P66shc with High SerpinB3 Levels Favors Necroptosis and Better Survival in Hepatocellular Carcinoma. <i>Biology</i> , 2021, 10, 363.	2.8	7
2	Succinate Anaplerosis Has an Onco-Driving Potential in Prostate Cancer Cells. <i>Cancers</i> , 2021, 13, 1727.	3.7	13
3	Two parallel pathways connect glutamine metabolism and mTORC1 activity to regulate glutamoptosis. <i>Nature Communications</i> , 2021, 12, 4814.	12.8	19
4	The context-specific roles of urea cycle enzymes in tumorigenesis. <i>Molecular Cell</i> , 2021, 81, 3749-3759.	9.7	34
5	Causal integration of multi-omics data with prior knowledge to generate mechanistic hypotheses. <i>Molecular Systems Biology</i> , 2021, 17, e9730.	7.2	78
6	Fumarate hydratase in cancer: A multifaceted tumour suppressor. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 15-25.	5.0	103
7	Metabolic Drivers in Hereditary Cancer Syndromes. <i>Annual Review of Cancer Biology</i> , 2020, 4, 77-97.	4.5	32
8	Post-translational regulation of metabolism in fumarate hydratase deficient cancer cells. <i>Metabolic Engineering</i> , 2018, 45, 149-157.	7.0	27
9	Metabolic reprogramming and epithelial-to-mesenchymal transition in cancer. <i>FEBS Journal</i> , 2017, 284, 3132-3144.	4.7	230
10	Fumarate Hydratase Loss Causes Combined Respiratory Chain Defects. <i>Cell Reports</i> , 2017, 21, 1036-1047.	6.4	61
11	Fumarate drives EMT in renal cancer. <i>Cell Death and Differentiation</i> , 2017, 24, 1-2.	11.2	24
12	Mutations in mitochondrial DNA causing tubulointerstitial kidney disease. <i>PLoS Genetics</i> , 2017, 13, e1006620.	3.5	52
13	Oncometabolites: Unconventional triggers of oncogenic signalling cascades. <i>Free Radical Biology and Medicine</i> , 2016, 100, 175-181.	2.9	137
14	Fumarate is an epigenetic modifier that elicits epithelial-to-mesenchymal transition. <i>Nature</i> , 2016, 537, 544-547.	27.8	443
15	Fumarate induces redox-dependent senescence by modifying glutathione metabolism. <i>Nature Communications</i> , 2015, 6, 6001.	12.8	208
16	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
17	Germline FH Mutations Presenting With Pheochromocytoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2046-E2050.	3.6	147
18	The Metabolic Alterations of Cancer Cells. <i>Methods in Enzymology</i> , 2014, 542, 1-23.	1.0	87

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19	SERPINB3 protects from oxidative damage by chemotherapeutics through inhibition of mitochondrial respiratory complex I. <i>Oncotarget</i> , 2014, 5, 2418-2427.	1.8	57
20	The Mitochondrial Chaperone TRAP1 Promotes Neoplastic Growth by Inhibiting Succinate Dehydrogenase. <i>Cell Metabolism</i> , 2013, 17, 988-999.	16.2	217
21	Chemotherapeutic induction of mitochondrial oxidative stress activates GSK-3 β 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
22	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
23	Signal transduction to the permeability transition pore. <i>FEBS Letters</i> , 2010, 584, 1989-1996.	2.8	158
24	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
25	S12.30 Apoptosis regulation by the mitochondrial chaperone trap-1/hsp-75. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, S83.	1.0	0