

# Danilo Swann Matassa

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,402  
citations

257450

24  
h-index

345221

36  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative metabolism drives inflammation-induced platinum resistance in human ovarian cancer. <i>Cell Death and Differentiation</i> , 2016, 23, 1542-1554.	11.2	154
2	Whole-exome resequencing reveals recessive mutations in TRAP1 in individuals with CAKUT and VACTERL association. <i>Kidney International</i> , 2014, 85, 1310-1317.	5.2	106
3	TRAP1 and the proteasome regulatory particle TBP7/Rpt3 interact in the endoplasmic reticulum and control cellular ubiquitination of specific mitochondrial proteins. <i>Cell Death and Differentiation</i> , 2012, 19, 592-604.	11.2	82
4	Sorcin Induces a Drug-Resistant Phenotype in Human Colorectal Cancer by Modulating Ca <sup>2+</sup> Homeostasis. <i>Cancer Research</i> , 2011, 71, 7659-7669.	0.9	78
5	Resistance to paclitxel in breast carcinoma cells requires a quality control of mitochondrial antiapoptotic proteins by TRAP1. <i>Molecular Oncology</i> , 2013, 7, 895-906.	4.6	68
6	HSP90 Molecular Chaperones, Metabolic Rewiring, and Epigenetics: Impact on Tumor Progression and Perspective for Anticancer Therapy. <i>Cells</i> , 2019, 8, 532.	4.1	68
7	TRAP1 Regulation of Cancer Metabolism: Dual Role as Oncogene or Tumor Suppressor. <i>Genes</i> , 2018, 9, 195.	2.4	65
8	Translational control in the stress adaptive response of cancer cells: a novel role for the heat shock protein TRAP1. <i>Cell Death and Disease</i> , 2013, 4, e851-e851.	6.3	55
9	TRAP1 revisited: Novel localizations and functions of a "next-generation" biomarker (Review). <i>International Journal of Oncology</i> , 2014, 45, 969-977.	3.3	50
10	TRAP1 regulates stemness through Wnt/ $\beta$ -catenin pathway in human colorectal carcinoma. <i>Cell Death and Differentiation</i> , 2016, 23, 1792-1803.	11.2	47
11	TRAP1 Is Involved in BRAF Regulation and Downstream Attenuation of ERK Phosphorylation and Cell-Cycle Progression: A Novel Target for BRAF-Mutated Colorectal Tumors. <i>Cancer Research</i> , 2014, 74, 6693-6704.	0.9	43
12	Modulation of Mitochondrial Metabolic Reprogramming and Oxidative Stress to Overcome Chemoresistance in Cancer. <i>Biomolecules</i> , 2020, 10, 135.	4.0	43
13	Cholesterol Homeostasis Modulates Platinum Sensitivity in Human Ovarian Cancer. <i>Cells</i> , 2020, 9, 828.	4.1	41
14	TRAP1 downregulation in human ovarian cancer enhances invasion and epithelial $\rightarrow$ mesenchymal transition. <i>Cell Death and Disease</i> , 2016, 7, e2522-e2522.	6.3	40
15	Targeting TRAP1 as a downstream effector of BRAF cytoprotective pathway: A novel strategy for human BRAF-driven colorectal carcinoma. <i>Oncotarget</i> , 2015, 6, 22298-22309.	1.8	36
16	Stress-Adaptive Response in Ovarian Cancer Drug Resistance. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 108, 163-198.	2.3	34
17	TRAP1 controls cell cycle G <sub>2</sub> $\rightarrow$ M transition through the regulation of CDK1 and MAD2 expression/ubiquitination. <i>Journal of Pathology</i> , 2017, 243, 123-134.	4.5	34
18	TRAP1-dependent regulation of p70S6K is involved in the attenuation of protein synthesis and cell migration: Relevance in human colorectal tumors. <i>Molecular Oncology</i> , 2014, 8, 1482-1494.	4.6	32

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19	H3K4 histone methylation in oral squamous cell carcinoma.. Acta Biochimica Polonica, 2009, 56, .	0.5	31
20	TRAP1: a viable therapeutic target for future cancer treatments?. Expert Opinion on Therapeutic Targets, 2017, 21, 805-815.	3.4	30
21	Vascular effects of linagliptin in nonâ€obese diabetic mice are glucoseâ€independent and involve positive modulation of the endothelial nitric oxide synthase (<sc>eNOS</sc>)/caveolinâ€1 (<sc>CAV</sc>â€1) pathway. Diabetes, Obesity and Metabolism, 2016, 18, 1236-1243.	4.4	29
22	Crucial role of androgen receptor in vascular <sc>H<sub>2</sub>S</sc> biosynthesis induced by testosterone. British Journal of Pharmacology, 2015, 172, 1505-1515.	5.4	28
23	TRAP1 role in endoplasmic reticulum stress protection favors resistance to anthracyclins in breast carcinoma cells. International Journal of Oncology, 2014, 44, 573-582.	3.3	27
24	New insights into TRAP1 pathway. American Journal of Cancer Research, 2012, 2, 235-48.	1.4	26
25	TRAP1 controls cell migration of cancer cells in metabolic stress conditions: Correlations with AKT/p70S6K pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 2570-2579.	4.1	23
26	Protein Syndesmos is a novel RNA-binding protein that regulates primary cilia formation. Nucleic Acids Research, 2018, 46, 12067-12086.	14.5	20
27	TRAP1 enhances Warburg metabolism through modulation of PFK1 expression/activity and favors resistance to EGFR inhibitors in human colorectal carcinomas. Molecular Oncology, 2020, 14, 3030-3047.	4.6	19
28	TRAP1 protein signature predicts outcome in human metastatic colorectal carcinoma. Oncotarget, 2017, 8, 21229-21240.	1.8	18
29	New TRAP1 and Hsp90 chaperone inhibitors with cationic components: Preliminary studies on mitochondrial targeting. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 2289-2293.	2.2	16
30	Regulation of sub-compartmental targeting and folding properties of the Prion-like protein Shadoo. Scientific Reports, 2017, 7, 3731.	3.3	14
31	Self-association of Chaetopterus variopedatus sperm histone H1-like. Relevance of arginine content and possible physiological role.. Acta Biochimica Polonica, 2008, 55, 701-706.	0.5	14
32	Targeting Mitochondrial Protein Expression as a Future Approach for Cancer Therapy. Frontiers in Oncology, 2021, 11, 797265.	2.8	13
33	Can whale-watching and whaling co-exist? Tourist perceptions in Iceland. Journal of the Marine Biological Association of the United Kingdom, 2016, 96, 969-977.	0.8	11
34	TRAP1 regulates the response of colorectal cancer cells to hypoxia and inhibits ribosome biogenesis under conditions of oxygen deprivation. International Journal of Oncology, 2022, 60, .	3.3	4
35	Different mechanisms underlie IL-6 release in chemosensitive and chemoresistant ovarian carcinoma cells. American Journal of Cancer Research, 2020, 10, 2596-2602.	1.4	2
36	ER stress protection in cancer cells: the multifaceted role of the heat shock protein TRAP1. Endoplasmic Reticulum Stress in Diseases, 2014, 1, .	0.2	1

#	ARTICLE	IF	CITATIONS
37	TRAP1., 2016, , 1-11.		0
38	TRAP1., 2018, , 5680-5690.		0