

# Matteo Landriscina

## List of Publications by Year in descending order

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109  
papers

4,389  
citations

101496  
36  
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118793  
62  
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111  
all docs

111  
docs citations

111  
times ranked

5713  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Mitochondrial Chaperone TRAP1 Promotes Neoplastic Growth by Inhibiting Succinate Dehydrogenase. <i>Cell Metabolism</i> , 2013, 17, 988-999.	7.2	217
2	Adaptation to Oxidative Stress, Chemoresistance, and Cell Survival. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2701-2716.	2.5	186
3	The non-classical export routes: FGF1 and IL-1 $\beta$ point the way. <i>Journal of Cell Science</i> , 2003, 116, 4871-4881.	1.2	184
4	Inhibition of endogenous reverse transcriptase antagonizes human tumor growth. <i>Oncogene</i> , 2005, 24, 3923-3931.	2.6	168
5	Oxidative metabolism drives inflammation-induced platinum resistance in human ovarian cancer. <i>Cell Death and Differentiation</i> , 2016, 23, 1542-1554.	5.0	154
6	Mitochondrial Chaperone Trap1 and the Calcium Binding Protein Sorcin Interact and Protect Cells against Apoptosis Induced by Antitumor Agents. <i>Cancer Research</i> , 2010, 70, 6577-6586.	0.4	120
7	TRAP1, a novel mitochondrial chaperone responsible for multi-drug resistance and protection from apoptosis in human colorectal carcinoma cells. <i>Cancer Letters</i> , 2009, 279, 39-46.	3.2	117
8	Soluble Jagged 1 Represses the Function of Its Transmembrane Form to Induce the Formation of the Src-dependent Chord-like Phenotype. <i>Journal of Biological Chemistry</i> , 2001, 276, 32022-32030.	1.6	113
9	Endoplasmic Reticulum Stress and Unfolded Protein Response in Breast Cancer: The Balance between Apoptosis and Autophagy and Its Role in Drug Resistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 857.	1.8	113
10	Secretion without Golgi. <i>Journal of Cellular Biochemistry</i> , 2008, 103, 1327-1343.	1.2	109
11	Copper Induces the Assembly of a Multiprotein Aggregate Implicated in the Release of Fibroblast Growth Factor 1 in Response to Stress. <i>Journal of Biological Chemistry</i> , 2001, 276, 25549-25557.	1.6	106
12	Exposure of normal and transformed cells to nevirapine, a reverse transcriptase inhibitor, reduces cell growth and promotes differentiation. <i>Oncogene</i> , 2003, 22, 2750-2761.	2.6	105
13	5-Fluorouracil resistant colon cancer cells are addicted to OXPHOS to survive and enhance stem-like traits. <i>Oncotarget</i> , 2015, 6, 41706-41721.	0.8	103
14	DAA's Rapidly Reduce Inflammation but Increase Serum VEGF Level: A Rationale for Tumor Risk during Anti-HCV Treatment. <i>PLoS ONE</i> , 2016, 11, e0167934.	1.1	96
15	S100A13 mediates the copper-dependent stress-induced release of IL-1 $\beta$ from both human U937 and murine NIH 3T3 cells. <i>Journal of Cell Science</i> , 2003, 116, 2687-2696.	1.2	86
16	Heat shock proteins, cell survival and drug resistance: The mitochondrial chaperone TRAP1, a potential novel target for ovarian cancer therapy. <i>Gynecologic Oncology</i> , 2010, 117, 177-182.	0.6	83
17	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.	5.0	82
18	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.	0.4	78

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19	S100A13 Participates in the Release of Fibroblast Growth Factor 1 in Response to Heat Shock in Vitro. <i>Journal of Biological Chemistry</i> , 2001, 276, 22544-22552.	1.6	77
20	Reverse Transcriptase Inhibitors Down-Regulate Cell Proliferation in Vitro and in Vivo and Restore Thyrotropin Signaling and Iodine Uptake in Human Thyroid Anaplastic Carcinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5663-5671.	1.8	77
21	BRAF Inhibitors in Thyroid Cancer: Clinical Impact, Mechanisms of Resistance and Future Perspectives. <i>Cancers</i> , 2019, 11, 1388.	1.7	73
22	Resistance to paclitaxel in breast carcinoma cells requires a quality control of mitochondrial antiapoptotic proteins by TRAP1. <i>Molecular Oncology</i> , 2013, 7, 895-906.	2.1	68
23	HSP90 Molecular Chaperones, Metabolic Rewiring, and Epigenetics: Impact on Tumor Progression and Perspective for Anticancer Therapy. <i>Cells</i> , 2019, 8, 532.	1.8	68
24	TRAP1 Regulation of Cancer Metabolism: Dual Role as Oncogene or Tumor Suppressor. <i>Genes</i> , 2018, 9, 195.	1.0	65
25	Notch Signaling Modulates Hypoxia-Induced Neuroendocrine Differentiation of Human Prostate Cancer Cells. <i>Molecular Cancer Research</i> , 2012, 10, 230-238.	1.5	63
26	S100A13 is a new angiogenic marker in human melanoma. <i>Modern Pathology</i> , 2010, 23, 804-813.	2.9	61
27	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.	2.7	55
28	TRAP1 revisited: Novel localizations and functions of a "next-generation" biomarker (Review). <i>International Journal of Oncology</i> , 2014, 45, 969-977.	1.4	50
29	The Comparative Release of FGF1 by Hypoxia and Temperature Stress. <i>Growth Factors</i> , 2001, 18, 277-285.	0.5	49
30	TRAP1 regulates stemness through Wnt/ $\beta$ -catenin pathway in human colorectal carcinoma. <i>Cell Death and Differentiation</i> , 2016, 23, 1792-1803.	5.0	47
31	Reliability of the "immersion technique" during routine upper endoscopy for detection of abnormalities of duodenal villi in patients with dyspepsia. <i>Gastrointestinal Endoscopy</i> , 2004, 60, 223-228.	0.5	46
32	The Nrf2 transcription factor contributes to the induction of alpha-class GST isoenzymes in liver of acute cadmium or manganese intoxicated rats: Comparison with the toxic effect on NAD(P)H:quinone reductase. <i>Toxicology</i> , 2007, 237, 24-34.	2.0	45
33	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.	0.4	43
34	Modulation of Mitochondrial Metabolic Reprogramming and Oxidative Stress to Overcome Chemoresistance in Cancer. <i>Biomolecules</i> , 2020, 10, 135.	1.8	43
35	Activation of the RAS/RAF/ERK Signaling Pathway Contributes to Resistance to Sunitinib in Thyroid Carcinoma Cell Lines. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E898-E906.	1.8	42
36	Cholesterol Homeostasis Modulates Platinum Sensitivity in Human Ovarian Cancer. <i>Cells</i> , 2020, 9, 828.	1.8	41

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37	TRAP1 downregulation in human ovarian cancer enhances invasion and epithelial-to-mesenchymal transition. <i>Cell Death and Disease</i> , 2016, 7, e2522-e2522.	2.7	40
38	The Precursor but Not the Mature Form of IL1 $\beta$ Blocks the Release of FGF1 in Response to Heat Shock. <i>Journal of Biological Chemistry</i> , 2001, 276, 5147-5151.	1.6	37
39	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.	0.8	36
40	Reverse transcriptase inhibitors induce cell differentiation and enhance the immunogenic phenotype in human renal clear-cell carcinoma. <i>International Journal of Cancer</i> , 2008, 122, 2842-2850.	2.3	35
41	Stress-Adaptive Response in Ovarian Cancer Drug Resistance. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017, 108, 163-198.	1.0	34
42	TRAP1 controls cell cycle G2-to-M transition through the regulation of CDK1 and MAD2 expression/ubiquitination. <i>Journal of Pathology</i> , 2017, 243, 123-134.	2.1	34
43	Amlexanox Reversibly Inhibits Cell Migration and Proliferation and Induces the Src-dependent Disassembly of Actin Stress Fibers in Vitro. <i>Journal of Biological Chemistry</i> , 2000, 275, 32753-32762.	1.6	33
44	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.	2.1	32
45	Metabolic Dysregulations and Epigenetics: A Bidirectional Interplay that Drives Tumor Progression. <i>Cells</i> , 2019, 8, 798.	1.8	31
46	Epidermal Growth Factor Receptor 1 Expression Is Upregulated in Undifferentiated Thyroid Carcinomas in Humans. <i>Thyroid</i> , 2011, 21, 1227-1234.	2.4	30
47	TRAP1: a viable therapeutic target for future cancer treatments?. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 805-815.	1.5	30
48	The Role of Survivin in Thyroid Tumors: Differences of Expression in Well-Differentiated, Non-Well-Differentiated, and Anaplastic Thyroid Cancers. <i>Thyroid</i> , 2014, 24, 511-519.	2.4	28
49	The Role of Human Chorionic Gonadotropin as Tumor Marker: Biochemical and Clinical Aspects. <i>Advances in Experimental Medicine and Biology</i> , 2015, 867, 159-176.	0.8	28
50	Dual EGFR and BRAF blockade overcomes resistance to vemurafenib in BRAF mutated thyroid carcinoma cells. <i>Cancer Cell International</i> , 2017, 17, 86.	1.8	28
51	TRAP1 role in endoplasmic reticulum stress protection favors resistance to anthracyclins in breast carcinoma cells. <i>International Journal of Oncology</i> , 2014, 44, 573-582.	1.4	27
52	IL6/STAT3 axis mediates resistance to BRAF inhibitors in thyroid carcinoma cells. <i>Cancer Letters</i> , 2018, 433, 147-155.	3.2	27
53	Anti-Tumor Activity of Non-Nucleosidic Reverse Transcriptase Inhibitors. <i>Current Pharmaceutical Design</i> , 2007, 13, 737-747.	0.9	26
54	New insights into TRAP1 pathway. <i>American Journal of Cancer Research</i> , 2012, 2, 235-48.	1.4	26

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55	TRAP1 regulates cell cycle and apoptosis in thyroid carcinoma cells. <i>Endocrine-Related Cancer</i> , 2016, 23, 699-709.	1.6	24
56	TRAP1 controls cell migration of cancer cells in metabolic stress conditions: Correlations with AKT/p70S6K pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 2570-2579.	1.9	23
57	Erlotinib enhances the proapoptotic activity of cytotoxic agents and synergizes with paclitaxel in poorly-differentiated thyroid carcinoma cells. <i>Anticancer Research</i> , 2010, 30, 473-80.	0.5	23
58	The release of fibroblast growth factor-1 from melanoma cells requires copper ions and is mediated by phosphatidylinositol 3-kinase/Akt intracellular signaling pathway. <i>Cancer Letters</i> , 2008, 267, 67-74.	3.2	22
59	Nevirapine restores androgen signaling in hormone-resistant human prostate carcinoma cells both in vitro and in vivo. <i>Prostate</i> , 2009, 69, 744-754.	1.2	22
60	Evaluation of Glucose Uptake in Normal and Cancer Cell Lines by Positron Emission Tomography. <i>Molecular Imaging</i> , 2015, 14, 7290.2015.00021.	0.7	21
61	Bladder Metastases from Breast Cancer: Managing the Unexpected. A Systematic Review. <i>Urologia Internationalis</i> , 2018, 101, 125-131.	0.6	21
62	Human monocyte-derived dendritic cells exposed to hyperthermia show a distinct gene expression profile and selective upregulation of <i>IGFBP6</i> . <i>Oncotarget</i> , 2017, 8, 60826-60840.	0.8	21
63	Protein Syndesmos is a novel RNA-binding protein that regulates primary cilia formation. <i>Nucleic Acids Research</i> , 2018, 46, 12067-12086.	6.5	20
64	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 1: Focus on Immunohistochemical Results with Discussion of Pre-Analytical and Interpretation Variables. <i>Cells</i> , 2021, 10, 3166.	1.8	20
65	Reinduction of Cell Differentiation and <sup>131</sup> I Uptake in a Poorly Differentiated Thyroid Tumor in Response to the Reverse Transcriptase (RT) Inhibitor Nevirapine. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007, 22, 289-295.	0.7	19
66	TRAP1 enhances Warburg metabolism through modulation of PFK1 expression/activity and favors resistance to EGFR inhibitors in human colorectal carcinomas. <i>Molecular Oncology</i> , 2020, 14, 3030-3047.	2.1	19
67	IDH1 Targeting as a New Potential Option for Intrahepatic Cholangiocarcinoma Treatment—Current State and Future Perspectives. <i>Molecules</i> , 2020, 25, 3754.	1.7	18
68	TRAP1 protein signature predicts outcome in human metastatic colorectal carcinoma. <i>Oncotarget</i> , 2017, 8, 21229-21240.	0.8	18
69	Cell differentiation and iodine-131 uptake in poorly differentiated thyroid tumour in response to nevirapine. <i>Lancet Oncology</i> , The, 2006, 7, 877-879.	5.1	17
70	New TRAP1 and Hsp90 chaperone inhibitors with cationic components: Preliminary studies on mitochondrial targeting. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 2289-2293.	1.0	16
71	Novel Epigenetic Eight-Gene Signature Predictive of Poor Prognosis and MSI-Like Phenotype in Human Metastatic Colorectal Carcinomas. <i>Cancers</i> , 2021, 13, 158.	1.7	16
72	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 3: PD-L1, Intracellular Signaling Pathways and Tumor Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12330.	1.8	16

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73	Uncommon frame-shift exon 19 EGFR mutations are sensitive to EGFR tyrosine kinase inhibitors in non-small cell lung carcinoma. <i>Medical Oncology</i> , 2018, 35, 28.	1.2	14
74	Diethyldithiocarbamate Treatment Up Regulates Manganese Superoxide Dismutase Gene Expression in Rat Liver. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 546-552.	1.0	13
75	Iron modulation of LPS-induced manganese superoxide dismutase gene expression in rat tissues. <i>FEBS Letters</i> , 1997, 403, 131-135.	1.3	13
76	Life-threatening oxaliplatin-induced acute thrombocytopenia, hemolysis and bleeding: A case report. <i>Acta Oncologica</i> , 2008, 47, 1602-1604.	0.8	13
77	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review (Part 6): Correlation of PD-L1 Expression with the Status of Mismatch Repair System, BRCA, PTEN, and Other Genes. <i>Biomedicines</i> , 2022, 10, 236.	1.4	13
78	Validation of Vacuum-Based Refrigerated System for Biobanking Tissue Preservation: Analysis of Cellular Morphology, Protein Stability, and RNA Quality. <i>Biopreservation and Biobanking</i> , 2014, 12, 35-45.	0.5	12
79	Targeting Epidermal Growth Factor Receptor 1 Signaling in Human Thyroid-Stimulating Hormone-Independent Thyroid Carcinoma FRO Cells Results in a More Chemosensitive and Less Angiogenic Phenotype. <i>Thyroid</i> , 2009, 19, 629-637.	2.4	11
80	Protein folding does not prevent the nonclassical export of FGF1 and S100A13. <i>Biochemical and Biophysical Research Communications</i> , 2009, 381, 350-354.	1.0	10
81	Pyrosequencing evaluation of low-frequency KRAS mutant alleles for EGF receptor therapy selection in metastatic colorectal carcinoma. <i>Future Oncology</i> , 2014, 10, 713-723.	1.1	10
82	Obstructive Sleep Apnea Worsens Progression-Free and Overall Survival in Human Metastatic Colorectal Carcinoma. <i>Journal of Oncology</i> , 2021, 2021, 1-5.	0.6	10
83	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 4: Experimental Treatments in Pre-Clinical Studies (Cell Lines and Mouse Models). <i>International Journal of Molecular Sciences</i> , 2021, 22, 12297.	1.8	10
84	Rapid long-lasting biochemical and radiological response to sorafenib in a case of advanced hepatocellular carcinoma. <i>Oncology Letters</i> , 2013, 5, 975-977.	0.8	9
85	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 2: Clinic-Pathologic Correlations. <i>Cells</i> , 2021, 10, 3165.	1.8	9
86	Nevirapine Toxicity in Non-HIV Cancer Patients. <i>Chemotherapy</i> , 2008, 54, 475-478.	0.8	7
87	Cyclin-dependent kinase 1 targeting improves sensitivity to radiation in BRAF V600E colorectal carcinoma cells. <i>Tumor Biology</i> , 2018, 40, 101042831877095.	0.8	7
88	Evidence-Based Second-Line Treatment in RAS Wild-Type/Mutated Metastatic Colorectal Cancer in the Precision Medicine Era. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7717.	1.8	7
89	The classification of neuroendocrine neoplasms of the lung and digestive system according to WHO, 5th edition: similarities, differences, challenges, and unmet needs. <i>Panminerva Medica</i> , 2022, 64, .	0.2	7
90	TRAP1 Regulates Wnt/ $\beta$ -Catenin Pathway through LRP5/6 Receptors Expression Modulation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7526.	1.8	6

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91	What Do We Have to Know about PD-L1 Expression in Prostate Cancer? A Systematic Literature Review. Part 5: Epigenetic Regulation of PD-L1. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12314.	1.8	6
92	Evaluation of Glucose Uptake in Normal and Cancer Cell Lines by Positron Emission Tomography. <i>Molecular Imaging</i> , 2015, 14, 490-8.	0.7	6
93	Vinorelbine and Alternating Cisplatin and Ifosfamide in the Treatment of Non-Small Cell Lung Cancer. <i>Oncology</i> , 2000, 58, 25-30.	0.9	5
94	Heat shock proteins in thyroid malignancies: Potential therapeutic targets for poorly-differentiated and anaplastic tumours?. <i>Molecular and Cellular Endocrinology</i> , 2020, 502, 110676.	1.6	5
95	Insulin-resistant conditions: A favorable milieu for aggressive drug-resistant malignancies. <i>Journal of Gastrointestinal Oncology</i> , 2011, 2, 11-2.	0.6	5
96	Identification of a new insertion in exon 20 of EGFR in a woman with NSCLC. <i>Medical Oncology</i> , 2012, 29, 3198-3201.	1.2	4
97	Multiple Skeletal Muscle Metastases from Colon Carcinoma Preceded by Paraneoplastic Dermatomyositis. <i>Case Reports in Medicine</i> , 2013, 2013, 1-4.	0.3	4
98	Adjuvant treatment for EGFR-mutated non-small cell lung cancer: do we have a major breakthrough?. <i>Journal of Thoracic Disease</i> , 2018, 10, S2114-S2118.	0.6	4
99	Heat shock proteins in cancer stem cell maintenance: A potential therapeutic target?. <i>Histology and Histopathology</i> , 2020, 35, 25-37.	0.5	4
100	TRAP1 regulates the response of colorectal cancer cells to hypoxia and inhibits ribosome biogenesis under conditions of oxygen deprivation. <i>International Journal of Oncology</i> , 2022, 60, .	1.4	4
101	Gene Copy Number and Post-Transductional Mechanisms Regulate TRAP1 Expression in Human Colorectal Carcinomas. <i>International Journal of Molecular Sciences</i> , 2020, 21, 145.	1.8	3
102	Are We Ready to Implement Molecular Subtyping of Bladder Cancer in Clinical Practice? Part 2: Subtypes and Divergent Differentiation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7844.	1.8	3
103	RAS/BRAF mutational status in familial non-medullary thyroid carcinomas: A retrospective study. <i>Oncology Letters</i> , 2015, 10, 1875-1881.	0.8	2
104	ER stress protection in cancer cells: the multifaceted role of the heat shock protein TRAP1. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2014, 1, .	0.2	1
105	TRAP1. , 2016, , 1-11.		0
106	RAD6: a new target to overcome platinum resistance in ovarian cancer?. <i>Translational Cancer Research</i> , 2017, 6, S1476-S1479.	0.4	0
107	TRAP1. , 2018, , 5680-5690.		0
108	Differential and divergent activity of insulin-like growth factor binding protein 6 in platinum-sensitive versus platinum-resistant high-grade serous ovarian carcinoma cell lines. <i>Oncology Letters</i> , 2022, 23, 185.	0.8	0

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109	Solitary metastasis from renal cell carcinoma to the choroid plexus: A case illustration and review of the literature. , 0, 13, 227.		0