

Matteo Landriscina

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

102
papers

3,379
citations

33
h-index

55
g-index

111
ext. papers

3,934
ext. citations

5.7
avg, IF

4.84
L-index

#	Paper	IF	Citations
102	The mitochondrial chaperone TRAP1 promotes neoplastic growth by inhibiting succinate dehydrogenase. <i>Cell Metabolism</i> , 2013 , 17, 988-999	24.6	169
101	Adaptation to oxidative stress, chemoresistance, and cell survival. <i>Antioxidants and Redox Signaling</i> , 2009 , 11, 2701-16	8.4	165
100	The non-classical export routes: FGF1 and IL-1alpha point the way. <i>Journal of Cell Science</i> , 2003 , 116, 4871-81	5.3	158
99	Inhibition of endogenous reverse transcriptase antagonizes human tumor growth. <i>Oncogene</i> , 2005 , 24, 3923-31	9.2	140
98	TRAP1, a novel mitochondrial chaperone responsible for multi-drug resistance and protection from apoptotic in human colorectal carcinoma cells. <i>Cancer Letters</i> , 2009 , 279, 39-46	9.9	102
97	Mitochondrial chaperone Trap1 and the calcium binding protein Sorcin interact and protect cells against apoptosis induced by antiproliferative agents. <i>Cancer Research</i> , 2010 , 70, 6577-86	10.1	101
96	Oxidative metabolism drives inflammation-induced platinum resistance in human ovarian cancer. <i>Cell Death and Differentiation</i> , 2016 , 23, 1542-54	12.7	101
95	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, 32022-30	5.4	98
94	Secretion without Golgi. <i>Journal of Cellular Biochemistry</i> , 2008 , 103, 1327-43	4.7	96
93	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, 25549-57	5.4	94
92	Exposure of normal and transformed cells to nevirapine, a reverse transcriptase inhibitor, reduces cell growth and promotes differentiation. <i>Oncogene</i> , 2003 , 22, 2750-61	9.2	89
91	S100A13 mediates the copper-dependent stress-induced release of IL-1alpha from both human U937 and murine NIH 3T3 cells. <i>Journal of Cell Science</i> , 2003 , 116, 2687-96	5.3	77
90	5-fluorouracil resistant colon cancer cells are addicted to OXPHOS to survive and enhance stem-like traits. <i>Oncotarget</i> , 2015 , 6, 41706-21	3.3	71
89	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	3.7	70
88	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, 22544-52	5.4	68
87	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	12.7	66
86	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	7.9	62

85	Sorcini induces a drug-resistant phenotype in human colorectal cancer by modulating Ca(2+) homeostasis. <i>Cancer Research</i> , 2011 , 71, 7659-69	10.1	62
84	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, 177-82	4.9	62
83	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, 5663-71	5.6	59
82	Notch signaling modulates hypoxia-induced neuroendocrine differentiation of human prostate cancer cells. <i>Molecular Cancer Research</i> , 2012 , 10, 230-8	6.6	55
81	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,	6.3	54
80	S100A13 is a new angiogenic marker in human melanoma. <i>Modern Pathology</i> , 2010 , 23, 804-13	9.8	51
79	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	9.8	48
78	The comparative release of FGF1 by hypoxia and temperature stress. <i>Growth Factors</i> , 2001 , 18, 277-85	1.6	44
77	TRAP1 Regulation of Cancer Metabolism: Dual Role as Oncogene or Tumor Suppressor. <i>Genes</i> , 2018 , 9,	4.2	42
76	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, 223-8	5.2	40
75	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	4.4	38
74	HSP90 Molecular Chaperones, Metabolic Rewiring, and Epigenetics: Impact on Tumor Progression and Perspective for Anticancer Therapy. <i>Cells</i> , 2019 , 8,	7.9	36
73	TRAP1 revisited: novel localizations and functions of a Next-generation Biomarker (review). <i>International Journal of Oncology</i> , 2014 , 45, 969-77	4.4	36
72	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, E898-906	5.6	36
71	The precursor but not the mature form of IL1alpha blocks the release of FGF1 in response to heat shock. <i>Journal of Biological Chemistry</i> , 2001 , 276, 5147-51	5.4	34
70	BRAF Inhibitors in Thyroid Cancer: Clinical Impact, Mechanisms of Resistance and Future Perspectives. <i>Cancers</i> , 2019 , 11,	6.6	33
69	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, 6693-704	10.1	33
68	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, 2842-50	7.5	33

67	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, 32753-62	5.4	32
66	TRAP1 downregulation in human ovarian cancer enhances invasion and epithelial-mesenchymal transition. <i>Cell Death and Disease</i> , 2016 , 7, e2522	9.8	31
65	Targeting TRAP1 as a downstream effector of BRAF cytoprotective pathway: a novel strategy for human BRAF-driven colorectal carcinoma. <i>Oncotarget</i> , 2015 , 6, 22298-309	3.3	29
64	TRAP1 regulates stemness through Wnt/ β -catenin pathway in human colorectal carcinoma. <i>Cell Death and Differentiation</i> , 2016 , 23, 1792-1803	12.7	29
63	Stress-Adaptive Response in Ovarian Cancer Drug Resistance: Role of TRAP1 in Oxidative Metabolism-Driven Inflammation. <i>Advances in Protein Chemistry and Structural Biology</i> , 2017 , 108, 163-198	5.3	27
62	New insights into TRAP1 pathway. <i>American Journal of Cancer Research</i> , 2012 , 2, 235-48	4.4	26
61	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, 1482-94	7.9	25
60	TRAP1 controls cell cycle G2-M transition through the regulation of CDK1 and MAD2 expression/ubiquitination. <i>Journal of Pathology</i> , 2017 , 243, 123-134	9.4	25
59	Epidermal growth factor receptor 1 expression is upregulated in undifferentiated thyroid carcinomas in humans. <i>Thyroid</i> , 2011 , 21, 1227-34	6.2	25
58	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, 511-9	6.2	24
57	TRAP1: a viable therapeutic target for future cancer treatments?. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 805-815	6.4	24
56	Modulation of Mitochondrial Metabolic Reprogramming and Oxidative Stress to Overcome Chemoresistance in Cancer. <i>Biomolecules</i> , 2020 , 10,	5.9	23
55	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, 2570-9	4.9	22
54	The Role of Human Chorionic Gonadotropin as Tumor Marker: Biochemical and Clinical Aspects. <i>Advances in Experimental Medicine and Biology</i> , 2015 , 867, 159-76	3.6	21
53	TRAP1 regulates cell cycle and apoptosis in thyroid carcinoma cells. <i>Endocrine-Related Cancer</i> , 2016 , 23, 699-709	5.7	21
52	TRAP1 role in endoplasmic reticulum stress protection favors resistance to anthracyclins in breast carcinoma cells. <i>International Journal of Oncology</i> , 2014 , 44, 573-82	4.4	21
51	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	2.3	21
50	Anti-tumor activity of non-nucleosidic reverse transcriptase inhibitors. <i>Current Pharmaceutical Design</i> , 2007 , 13, 737-47	3.3	20

49	IL6/STAT3 axis mediates resistance to BRAF inhibitors in thyroid carcinoma cells. <i>Cancer Letters</i> , 2018 , 433, 147-155	9.9	20
48	Metabolic Dysregulations and Epigenetics: A Bidirectional Interplay that Drives Tumor Progression. <i>Cells</i> , 2019 , 8,	7.9	18
47	Nevirapine restores androgen signaling in hormone-refractory human prostate carcinoma cells both in vitro and in vivo. <i>Prostate</i> , 2009 , 69, 744-54	4.2	18
46	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	9.9	18
45	Cholesterol Homeostasis Modulates Platinum Sensitivity in Human Ovarian Cancer. <i>Cells</i> , 2020 , 9,	7.9	18
44	Dual EGFR and BRAF blockade overcomes resistance to vemurafenib in BRAF mutated thyroid carcinoma cells. <i>Cancer Cell International</i> , 2017 , 17, 86	6.4	16
43	Cell differentiation and iodine-131 uptake in poorly differentiated thyroid tumour in response to nevirapine. <i>Lancet Oncology</i> , 2006 , 7, 877-9	21.7	16
42	Bladder Metastases from Breast Cancer: Managing the Unexpected. A Systematic Review. <i>Urologia Internationalis</i> , 2018 , 101, 125-131	1.9	15
41	Reinduction of cell differentiation and 131I uptake in a poorly differentiated thyroid tumor in response to the reverse transcriptase (RT) inhibitor nevirapine. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2007 , 22, 289-95	3.9	15
40	Evaluation of Glucose Uptake in Normal and Cancer Cell Lines by Positron Emission Tomography. <i>Molecular Imaging</i> , 2015 , 14, 7290.2015.00021	3.7	14
39	Human monocyte-derived dendritic cells exposed to hyperthermia show a distinct gene expression profile and selective upregulation of. <i>Oncotarget</i> , 2017 , 8, 60826-60840	3.3	14
38	TRAP1 protein signature predicts outcome in human metastatic colorectal carcinoma. <i>Oncotarget</i> , 2017 , 8, 21229-21240	3.3	13
37	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	2.9	13
36	Life-threatening oxaliplatin-induced acute thrombocytopenia, hemolysis and bleeding: a case report. <i>Acta Oncologica</i> , 2008 , 47, 1602-4	3.2	12
35	Protein Syndesmos is a novel RNA-binding protein that regulates primary cilia formation. <i>Nucleic Acids Research</i> , 2018 , 46, 12067-12086	20.1	12
34	Iron modulation of LPS-induced manganese superoxide dismutase gene expression in rat tissues. <i>FEBS Letters</i> , 1997 , 403, 131-5	3.8	11
33	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	2.1	10
32	Diethyldithiocarbamate treatment up regulates manganese superoxide dismutase gene expression in rat liver. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 220, 546-52	3.4	10

31	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	3.7	9
30	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, 629-37	6.2	9
29	Rapid long-lasting biochemical and radiological response to sorafenib in a case of advanced hepatocellular carcinoma. <i>Oncology Letters</i> , 2013 , 5, 975-977	2.6	8
28	Protein folding does not prevent the nonclassical export of FGF1 and S100A13. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 381, 350-4	3.4	8
27	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,	7.9	8
26	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,	7.9	8
25	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,	6.3	7
24	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	7.9	7
23	Pyrosequencing evaluation of low-frequency KRAS mutant alleles for EGF receptor therapy selection in metastatic colorectal carcinoma. <i>Future Oncology</i> , 2014 , 10, 713-23	3.6	6
22	Targeting as a New Potential Option for Intrahepatic Cholangiocarcinoma Treatment-Current State and Future Perspectives. <i>Molecules</i> , 2020 , 25,	4.8	6
21	Cyclin-dependent kinase 1 targeting improves sensitivity to radiation in BRAF V600E colorectal carcinoma cells. <i>Tumor Biology</i> , 2018 , 40, 1010428318770957	2.9	5
20	Vinorelbine and alternating cisplatin and ifosfamide in the treatment of non-small cell lung cancer. <i>Oncology</i> , 2000 , 58, 25-30	3.6	5
19	Insulin-resistant conditions: A favorable milieu for aggressive drug-resistant malignancies. <i>Journal of Gastrointestinal Oncology</i> , 2011 , 2, 11-2	2.8	5
18	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,	6.3	5
17	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,	6.3	5
16	Novel Epigenetic Eight-Gene Signature Predictive of Poor Prognosis and MSI-Like Phenotype in Human Metastatic Colorectal Carcinomas. <i>Cancers</i> , 2021 , 13,	6.6	5
15	Evaluation of Glucose Uptake in Normal and Cancer Cell Lines by Positron Emission Tomography. <i>Molecular Imaging</i> , 2015 , 14, 490-8	3.7	5
14	Identification of a new insertion in exon 20 of EGFR in a woman with NSCLC. <i>Medical Oncology</i> , 2012 , 29, 3198-201	3.7	4

13	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, , , and Other Genes.. <i>Biomedicines</i> , 2022 , 10,	4.8	4
12	Multiple skeletal muscle metastases from colon carcinoma preceded by paraneoplastic dermatomyositis. <i>Case Reports in Medicine</i> , 2013 , 2013, 392609	0.7	3
11	Nevirapine toxicity in non-HIV cancer patients. <i>Chemotherapy</i> , 2008 , 54, 475-8	3.2	3
10	Gene Copy Number and Post-Transductional Mechanisms Regulate TRAP1 Expression in Human Colorectal Carcinomas. <i>International Journal of Molecular Sciences</i> , 2019 , 21,	6.3	3
9	TRAP1 Regulates Wnt/ β Catenin Pathway through LRP5/6 Receptors Expression Modulation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
8	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,	6.3	3
7	Heat shock proteins in cancer stem cell maintenance: A potential therapeutic target?. <i>Histology and Histopathology</i> , 2020 , 35, 25-37	1.4	3
6	/ mutational status in familial non-medullary thyroid carcinomas: A retrospective study. <i>Oncology Letters</i> , 2015 , 10, 1875-1881	2.6	2
5	Heat shock proteins in thyroid malignancies: Potential therapeutic targets for poorly-differentiated and anaplastic tumours?. <i>Molecular and Cellular Endocrinology</i> , 2020 , 502, 110676	4.4	2
4	Obstructive Sleep Apnea Worsens Progression-Free and Overall Survival in Human Metastatic Colorectal Carcinoma. <i>Journal of Oncology</i> , 2021 , 2021, 5528303	4.5	2
3	TRAP1 2016 , 1-11		
2	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	2.6	
1	Solitary metastasis from renal cell carcinoma to the choroid plexus: A case illustration and review of the literature 13 , 227		