

# Mauro Piantelli

## List of Publications by Year in descending order

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109  
papers

4,579  
citations

94269

37  
h-index

114278

63  
g-index

109  
all docs

109  
docs citations

109  
times ranked

6123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flavonoids apigenin and quercetin inhibit melanoma growth and metastatic potential. International Journal of Cancer, 2000, 87, 595-600.	2.3	408
2	Upregulation of Trop-2 quantitatively stimulates human cancer growth. Oncogene, 2013, 32, 222-233.	2.6	208
3	Growth-inhibitory effect of quercetin and presence of type-II estrogen-binding sites in human colon-cancer cell lines and primary colorectal tumors. International Journal of Cancer, 1992, 50, 486-492.	2.3	162
4	Dietary zinc supplementation of 3xTg-AD mice increases BDNF levels and prevents cognitive deficits as well as mitochondrial dysfunction. Cell Death and Disease, 2010, 1, e91-e91.	2.7	162
5	Effects of Dietary Supplementation of Carnosine on Mitochondrial Dysfunction, Amyloid Pathology, and Cognitive Deficits in 3xTg-AD Mice. PLoS ONE, 2011, 6, e17971.	1.1	151
6	90K (Mac-2 BP) and galectins in tumor progression and metastasis. Glycoconjugate Journal, 2002, 19, 551-556.	1.4	148
7	Quercetin inhibits p21-RAS expression in human colon cancer cell lines and in primary colorectal tumors. International Journal of Cancer, 2000, 85, 438-445.	2.3	137
8	Phospholipase C $\beta$ 1 Is Required for Metastasis Development and Progression. Cancer Research, 2008, 68, 10187-10196.	0.4	135
9	Trop-2 Is a Determinant of Breast Cancer Survival. PLoS ONE, 2014, 9, e96993.	1.1	131
10	The Trop-2 signalling network in cancer growth. Oncogene, 2013, 32, 1594-1600.	2.6	104
11	Interaction with Type II Estrogen Binding Sites and Antiproliferative Activity of Tamoxifen and Quercetin in Human Non-Small-Cell Lung Cancer. American Journal of Respiratory Cell and Molecular Biology, 1997, 17, 51-59.	1.4	91
12	A Bicistronic <i>CYCLIN D1-TROP2</i> mRNA Chimera Demonstrates a Novel Oncogenic Mechanism in Human Cancer. Cancer Research, 2008, 68, 8113-8121.	0.4	76
13	Tamoxifen and Quercetin Interact with Type II Estrogen Binding Sites and Inhibit the Growth of Human Melanoma Cells. Journal of Investigative Dermatology, 1995, 105, 248-253.	0.3	75
14	Flavonoids inhibit melanoma lung metastasis by impairing tumor cells endothelium interactions. Journal of Cellular Physiology, 2006, 207, 23-29.	2.0	75
15	Axillary Lymph Node Nanometastases Are Prognostic Factors for Disease-Free Survival and Metastatic Relapse in Breast Cancer Patients. Clinical Cancer Research, 2006, 12, 6696-6701.	3.2	71
16	mTrop1/Epcam Knockout Mice Develop Congenital Tufting Enteropathy through Dysregulation of Intestinal E-cadherin/ $\beta$ -catenin. PLoS ONE, 2012, 7, e49302.	1.1	67
17	Functional and prognostic significance of the genomic amplification of frizzled 6 (<i>FZD6</i>) in breast cancer. Journal of Pathology, 2017, 241, 350-361.	2.1	66
18	Type-II estrogen binding sites in a lymphoblastoid cell line and growth-inhibitory effect of estrogen, anti-estrogen and bioflavonoids. International Journal of Cancer, 1990, 46, 1112-1116.	2.3	65

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19	Sporadic childhood hepatoblastomas show activation of $\beta$ -catenin, mismatch repair defects and p53 mutations. <i>Modern Pathology</i> , 2008, 21, 7-14.	2.9	65
20	Role of phospholipase C in cell invasion and metastasis. <i>Advances in Biological Regulation</i> , 2013, 53, 309-318.	1.4	64
21	Exenatide promotes cognitive enhancement and positive brain metabolic changes in PS1-KI mice but has no effects in 3xTg-AD animals. <i>Cell Death and Disease</i> , 2013, 4, e612-e612.	2.7	64
22	LGALS3BP, lectin galactoside-binding soluble 3 binding protein, induces vascular endothelial growth factor in human breast cancer cells and promotes angiogenesis. <i>Journal of Molecular Medicine</i> , 2013, 91, 83-94.	1.7	63
23	Inhibitory effect of quercetin on primary ovarian and endometrial cancers and synergistic activity with cis-diamminedichloroplatinum(II). <i>Gynecologic Oncology</i> , 1992, 45, 13-19.	0.6	60
24	The Insulin Receptor Substrate 1 (Irs1) in Intestinal Epithelial Differentiation and in Colorectal Cancer. <i>PLoS ONE</i> , 2012, 7, e36190.	1.1	60
25	p53 Status Identifies Two Subgroups of Triple-negative Breast Cancers with Distinct Biological Features. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 172-179.	0.6	59
26	Human thymoma: Immunologic characteristics of the lymphocytic component. <i>Cancer</i> , 1981, 48, 1992-1995.	2.0	57
27	Features of endothelial dysfunction in umbilical cord vessels of women with gestational diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1337-1345.	1.1	56
28	The combination of quercetin and cytosine arabinoside synergistically inhibits leukemic cell growth. <i>Leukemia Research</i> , 1992, 16, 497-503.	0.4	49
29	Pyruvate prevents the development of age-dependent cognitive deficits in a mouse model of Alzheimer's disease without reducing amyloid and tau pathology. <i>Neurobiology of Disease</i> , 2015, 81, 214-224.	2.1	49
30	The flavonoid quercetin inhibits thyroid-restricted genes expression and thyroid function. <i>Food and Chemical Toxicology</i> , 2014, 66, 23-29.	1.8	48
31	The Splicing Factor PTBP1 Promotes Expression of Oncogenic Splice Variants and Predicts Poor Prognosis in Patients with Non-muscle-Invasive Bladder Cancer. <i>Clinical Cancer Research</i> , 2018, 24, 5422-5432.	3.2	47
32	Type II Estrogen Receptors in the Papillary Cystic Tumor of the Pancreas. <i>American Journal of Clinical Pathology</i> , 1989, 92, 572-576.	0.4	46
33	Growth-inhibitory effect of tamoxifen and quercetin and presence of type II estrogen binding sites in human laryngeal cancer cell lines and primary laryngeal tumors. , 1998, 77, 747-754.		46
34	Sunitinib malate (SU-11248) alone or in combination with low-dose docetaxel inhibits the growth of DU-145 prostate cancer xenografts. <i>Cancer Letters</i> , 2008, 270, 229-233.	3.2	44
35	Lack of Expression of Galectin-3 Is Associated With a Poor Outcome in Node-Negative Patients With Laryngeal Squamous-Cell Carcinoma. <i>Journal of Clinical Oncology</i> , 2002, 20, 3850-3856.	0.8	42
36	A Dietary Tomato Supplement Prevents Prostate Cancer in TRAMP Mice. <i>Cancer Prevention Research</i> , 2010, 3, 1284-1291.	0.7	42

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37	Overexpression of activated phospholipase C $\beta$ 1 is a risk factor for distant metastases in T1â€T2, N0 breast cancer patients undergoing adjuvant chemotherapy. <i>International Journal of Cancer</i> , 2013, 132, 1022-1031.	2.3	41
38	CD133, Trop-2 and alpha2beta1 integrin surface receptors as markers of putative human prostate cancer stem cells. <i>American Journal of Translational Research (discontinued)</i> , 2010, 2, 135-44.	0.0	41
39	The Flavonoid Quercetin Regulates Growth and Gene Expression in Rat FRTL-5 Thyroid Cells. <i>Endocrinology</i> , 2008, 149, 84-92.	1.4	38
40	Trop-2 Induces Tumor Growth Through AKT and Determines Sensitivity to AKT Inhibitors. <i>Clinical Cancer Research</i> , 2016, 22, 4197-4205.	3.2	38
41	Depletion of stromal and intraepithelial antigen-presenting cells in cervical neoplasia in human immunodeficiency virus infection. <i>Human Pathology</i> , 1996, 27, 834-838.	1.1	36
42	Quercetin and tamoxifen sensitize human melanoma cells to hyperthermia. <i>Melanoma Research</i> , 2001, 11, 469-476.	0.6	36
43	High expression of 90K (Macâ€2 BP) is associated with poor survival in nodeâ€negative breast cancer patients not receiving adjuvant systemic therapies. <i>International Journal of Cancer</i> , 2009, 124, 333-338.	2.3	36
44	Type II Estrogen-Binding Sites and 17Î²-Hydroxysteroid Dehydrogenase Activity in Human Peripheral Blood Mononuclear Cells*. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988, 67, 888-892.	1.8	35
45	Type II estrogen binding sites and antiproliferative activity of quercetin in human meningiomas. <i>Cancer</i> , 1993, 71, 193-198.	2.0	34
46	Alterations in thymocyte subpopulations in Down's syndrome (trisomy 21). <i>Clinical Immunology and Immunopathology</i> , 1988, 49, 175-186.	2.1	33
47	Differential sensitivity of leukemic and normal hematopoietic progenitors to the killing effect of hyperthermia and quercetin used in combination: Role of heat-shock protein-70. , 1997, 73, 75-83.		32
48	Thymic epithelial tumors express vascular endothelial growth factors and their receptors as potential targets of antiangiogenic therapy: A tissue micro array-based multicenter study. <i>Lung Cancer</i> , 2014, 85, 191-196.	0.9	32
49	Role of interleukins 1 and 2 on human thymocyte mitogen activation. <i>Cellular Immunology</i> , 1981, 64, 337-349.	1.4	31
50	An immunohistochemically positive E-cadherin status is not always predictive for a good prognosis in human breast cancer. <i>British Journal of Cancer</i> , 2010, 103, 1835-1839.	2.9	30
51	Secreted Gal-3BP is a novel promising target for non-internalizing Antibodyâ€Drug Conjugates. <i>Journal of Controlled Release</i> , 2019, 294, 176-184.	4.8	30
52	An ErbB-3 antibody, MP-RM-1, inhibits tumor growth by blocking ligand-dependent and independent activation of ErbB-3/Akt signaling. <i>Oncogene</i> , 2012, 31, 1275-1286.	2.6	28
53	High nuclear level of Vav1 is a positive prognostic factor in early invasive breast tumors: a role in modulating genes related to the efficiency of metastatic process. <i>Oncotarget</i> , 2014, 5, 4320-4336.	0.8	27
54	Expression of hMSH2 and hMLH1 proteins of the human DNA mismatch repair system in salivary gland tumors. <i>Journal of Oral Pathology and Medicine</i> , 2002, 31, 234-238.	1.4	26

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55	Prognostic relevance of LGALS3BP in human colorectal carcinoma. <i>Journal of Translational Medicine</i> , 2015, 13, 248.	1.8	26
56	Growth-Inhibitory Effect of Quercetin and Presence of Type II Estrogen Binding Sites in Primary Human Transitional Cell Carcinomas. <i>Journal of Urology</i> , 1994, 152, 1029-1033.	0.2	25
57	p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading. <i>BMC Cancer</i> , 2016, 16, 649.	1.1	25
58	Class II phosphoinositide 3-kinase C2 <sup>12</sup> regulates a novel signaling pathway involved in breast cancer progression. <i>Oncotarget</i> , 2016, 7, 18325-18345.	0.8	25
59	Synergistic antiproliferative activity of tamoxifen and cisplatin on primary ovarian tumours. <i>European Journal of Cancer</i> , 1992, 28, 1885-1889.	1.3	24
60	Changes of Topoisomerase III <sup>±</sup> Expression in Breast Tumors after Neoadjuvant Chemotherapy Predicts Relapse-Free Survival. <i>Clinical Cancer Research</i> , 2006, 12, 1501-1506.	3.2	24
61	Trop-1 are conserved growth stimulatory molecules that mark early stages of tumor progression. <i>Cancer</i> , 2007, 110, 452-464.	2.0	24
62	Trop-2 induces ADAM10-mediated cleavage of E-cadherin and drives EMT-less metastasis in colon cancer. <i>Neoplasia</i> , 2021, 23, 898-911.	2.3	24
63	A Unique Four-Hub Protein Cluster Associates to Glioblastoma Progression. <i>PLoS ONE</i> , 2014, 9, e103030.	1.1	24
64	<i>p53</i> mutations in colorectal cancer from northern Iran: Relationships with site of tumor origin, microsatellite instability and <i>Kras</i> mutations. <i>Journal of Cellular Physiology</i> , 2008, 216, 543-550.	2.0	23
65	PLC-gamma-1 phosphorylation status is prognostic of metastatic risk in patients with early-stage Luminal-A and -B breast cancer subtypes. <i>BMC Cancer</i> , 2019, 19, 747.	1.1	22
66	Inhibition of Tumor Growth and Angiogenesis by SP-2, an Anti- <sup>α</sup> Lectin, Galactoside-Binding Soluble 3 Binding Protein (LGALS3BP) Antibody. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 916-925.	1.9	21
67	Resveratrol Inhibits Sodium/Iodide Symporter Gene Expression and Function in Rat Thyroid Cells. <i>PLoS ONE</i> , 2014, 9, e107936.	1.1	21
68	Inhibitory effect of cyclosporin A on the OKT3-induced peripheral blood lymphocyte proliferation. <i>Cellular Immunology</i> , 1986, 97, 131-139.	1.4	20
69	Neuropeptide-immunoreactive cells in human thymus. <i>Brain, Behavior, and Immunity</i> , 1990, 4, 189-197.	2.0	20
70	Quercetin and the Growth of Leukemic Progenitors. <i>Leukemia and Lymphoma</i> , 1996, 23, 49-53.	0.6	20
71	Antioxidant strategies based on tomato-enriched food or pyruvate do not affect disease onset and survival in an animal model of amyotrophic lateral sclerosis. <i>Brain Research</i> , 2007, 1168, 90-96.	1.1	20
72	Intestinal tumour chemoprevention with the antioxidant lipoic acid stimulates the growth of breast cancer. <i>European Journal of Cancer</i> , 2008, 44, 2696-2704.	1.3	18

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73	Constitutive production of Interleukin-1 by the human continuous cell line, CM-S. <i>Cellular Immunology</i> , 1983, 78, 368-374.	1.4	17
74	Estrogen and progesterone receptors in the gallbladders from patients with gallstones*1. <i>Hepatology</i> , 1991, 14, 608-612.	3.6	17
75	Structural and Functional Characteristics of Hairy Cells. <i>Acta Haematologica</i> , 1979, 61, 184-193.	0.7	16
76	Expression of hMSH2 and hMLH1 proteins of the human DNA mismatch repair system in ameloblastoma. <i>Journal of Oral Pathology and Medicine</i> , 2001, 30, 305-308.	1.4	15
77	Trop-2, Na <sup>+</sup> /K <sup>+</sup> ATPase, CD9, PKC $\zeta$ , cofilin assemble a membrane signaling super-complex that drives colorectal cancer growth and invasion. <i>Oncogene</i> , 2022, 41, 1795-1808.	2.6	15
78	Modulation of glucocorticoid inhibitory action on human lymphocyte mitogenesis: Dependence on mitogen concentration and T-cell maturity. <i>Cellular Immunology</i> , 1983, 76, 22-28.	1.4	14
79	Transient deficiency of peripheral blood accessory cells in supporting T cell mitogenesis in patients suffering from chronic idiopathic thrombocytopenic purpura after intravenous gammaglobulin treatment. <i>Blut</i> , 1985, 51, 1-10.	1.2	14
80	FC receptor for IgM: Factors influencing detection on human T lymphocytes. <i>Journal of Immunological Methods</i> , 1979, 29, 245-251.	0.6	13
81	Sutureless Anastomosis of the Small Intestine and the Colon in Pigs Using an Absorbable Intraluminal Stent and Fibrin Glue. <i>Journal of Investigative Surgery</i> , 1995, 8, 129-140.	0.6	12
82	Glucocorticoid receptors and cortico-sensitivity in a human clonal monocytic cell line, CM-SM. <i>Journal of Cellular Physiology</i> , 1983, 116, 329-335.	2.0	11
83	The role of phospholipase C $\beta$ 1 in breast cancer and its clinical significance. <i>Future Oncology</i> , 2017, 13, 1991-1997.	1.1	11
84	Alterations of MEN1 and E-cadherin/ $\beta$ -catenin complex in sporadic pulmonary carcinoids. <i>International Journal of Oncology</i> , 2012, 41, 1221-8.	1.4	10
85	Improvement of urinary tract symptoms and quality of life in benign prostate hyperplasia patients associated with consumption of a newly developed whole tomato-based food supplement: a phase II prospective, randomized double-blinded, placebo-controlled study. <i>Journal of Translational Medicine</i> , 2021, 19, 24.	1.8	10
86	Pseudolymphoma of the lung: Lymphoid subsets in the lung mass and in peripheral blood. <i>Cancer</i> , 1981, 48, 2218-2222.	2.0	9
87	Type II Estrogen-Binding Sites in Human Ovarian Cancer: Correlation with Estrogen, Progesterone, and Epidermal Growth Factor Receptor. <i>Gynecologic Oncology</i> , 1993, 49, 67-72.	0.6	9
88	Cytoplasmic Trop-1/Ep-CAM Overexpression is Associated with a Favorable Outcome in Node-positive Breast Cancer. <i>Japanese Journal of Clinical Oncology</i> , 2012, 42, 1128-1137.	0.6	9
89	Ia- and IgG-Fc receptor-positive accessory cell sustains peripheral T lymphocyte but not thymocyte mitogenesis induced by OKT3 monoclonal antibody. <i>Cellular Immunology</i> , 1984, 84, 333-340.	1.4	8
90	Immunohistochemistry of Thymic Epithelial Tumors as a Tool in Translational Research. <i>Thoracic Surgery Clinics</i> , 2011, 21, 33-46.	0.4	8

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91	A human thymoma with prothymocyte-like infiltration. <i>Clinical Immunology and Immunopathology</i> , 1983, 28, 350-360.	2.1	7
92	Interleukin-1 Production by a Cloned Line of Human Monocyte-Like Cells (CM-SM).. <i>Scandinavian Journal of Immunology</i> , 1985, 21, 11-20.	1.3	6
93	Hepatocellular Carcinoma with Intracytoplasmic Hyaline Globules. <i>Tumori</i> , 1979, 65, 767-775.	0.6	5
94	Vav1 downmodulates Akt in different breast cancer subtypes: a new promising chance to improve breast cancer outcome. <i>Molecular Oncology</i> , 2018, 12, 1012-1025.	2.1	5
95	Proliferative capabilities of T3-positive thymocytes. <i>Cellular Immunology</i> , 1985, 90, 358-365.	1.4	4
96	Glucocorticoid receptors and corticosenstivity in the human monocytic cell line CM-S: Changes during phorbol ester-induced differentiation. <i>Cellular Immunology</i> , 1986, 99, 95-107.	1.4	4
97	Methyl-p-Hydroxyphenyllactate-esterase activity and type-II estrogen-binding sites in ovarian cancer: Correlation with biological and clinico-pathological parameters. <i>International Journal of Cancer</i> , 1995, 62, 536-541.	2.3	4
98	Sentinel Node and Bone Marrow Micrometastases and Nanometastases. <i>Current Breast Cancer Reports</i> , 2010, 2, 96-106.	0.5	4
99	Lymph Node Micrometastases Do Influence Breast Cancer Outcome. <i>Journal of Clinical Oncology</i> , 2015, 33, 3977-3978.	0.8	4
100	Alloantisera defining surface antigens on human thymocytes. <i>Clinical Immunology and Immunopathology</i> , 1982, 22, 428-435.	2.1	3
101	Comment on "Cancer chemoprevention: Evidence of a nonlinear dose response for the protective effects of resveratrol in humans and mice" • <i>Science Translational Medicine</i> , 2016, 8, 350le2.	5.8	3
102	Efficacy and Safety of Lycoprozen® <sup>®</sup> , a Novel Tomato-Based Food Supplement in Patients with Benign Prostatic Hyperplasia. <i>International Journal of Nutrition</i> , 2018, 3, 1-5.	0.8	3
103	Phenotypical characteristics and proliferative capabilities of thymocyte subsets in human thymoma. <i>Clinical Immunology and Immunopathology</i> , 1986, 40, 385-392.	2.1	2
104	Interaction of tamoxifen with cytosolic and nuclear Type II estrogen binding sites (Type II EBS). <i>Cancer Letters</i> , 1995, 96, 123-131.	3.2	2
105	Alpha-1-antitrypsin in umbilical cord serum: Pi phenotypes and relationships with idiopathic respiratory distress syndrome. <i>European Journal of Pediatrics</i> , 1978, 127, 101-109.	1.3	1
106	Overexpression of PY1289-HER3 in sporadic pulmonary carcinoid from patients bearing MEN1 gene variants. <i>Oncology Letters</i> , 2016, 12, 453-458.	0.8	1
107	Dissociation between coupled lymphocyte phenotypic and functional properties in S <sup>+</sup> zary cells. <i>Clinical Immunology and Immunopathology</i> , 1983, 29, 103-110.	2.1	0
108	Reply to the letter to the editors. <i>Cancer Chemotherapy and Pharmacology</i> , 1995, 36, 449-450.	1.1	0

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109	EpCAM Expression Is an Indicator of Increased Incidence of Relapse in p53-Positive Breast Cancer. Cancer and Clinical Oncology, 2012, 2, .	0.2	0