

Mauro Piantelli

List of Publications by Citations

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107
papers

3,667
citations

34
h-index

56
g-index

109
ext. papers

4,081
ext. citations

5.6
avg, IF

4.32
L-index

#	Paper	IF	Citations
107	Flavonoids apigenin and quercetin inhibit melanoma growth and metastatic potential. <i>International Journal of Cancer</i> , 2000 , 87, 595-600	7.5	358
106	Growth-inhibitory effect of quercetin and presence of type-II estrogen-binding sites in human colon-cancer cell lines and primary colorectal tumors. <i>International Journal of Cancer</i> , 1992 , 50, 486-92	7.5	151
105	Upregulation of Trop-2 quantitatively stimulates human cancer growth. <i>Oncogene</i> , 2013 , 32, 222-33	9.2	131
104	Dietary zinc supplementation of 3xTg-AD mice increases BDNF levels and prevents cognitive deficits as well as mitochondrial dysfunction. <i>Cell Death and Disease</i> , 2010 , 1, e91	9.8	127
103	Effects of dietary supplementation of carnosine on mitochondrial dysfunction, amyloid pathology, and cognitive deficits in 3xTg-AD mice. <i>PLoS ONE</i> , 2011 , 6, e17971	3.7	125
102	90K (Mac-2 BP) and galectins in tumor progression and metastasis. <i>Glycoconjugate Journal</i> , 2002 , 19, 551-6	3	122
101	Quercetin inhibits p21-RAS expression in human colon cancer cell lines and in primary colorectal tumors. <i>International Journal of Cancer</i> , 2000 , 85, 438-445	7.5	115
100	Phospholipase Cgamma1 is required for metastasis development and progression. <i>Cancer Research</i> , 2008 , 68, 10187-96	10.1	110
99	Interaction with type II estrogen binding sites and antiproliferative activity of tamoxifen and quercetin in human non-small-cell lung cancer. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1997 , 17, 51-9	5.7	79
98	The Trop-2 signalling network in cancer growth. <i>Oncogene</i> , 2013 , 32, 1594-600	9.2	66
97	Trop-2 is a determinant of breast cancer survival. <i>PLoS ONE</i> , 2014 , 9, e96993	3.7	66
96	Axillary lymph node nanometastases are prognostic factors for disease-free survival and metastatic relapse in breast cancer patients. <i>Clinical Cancer Research</i> , 2006 , 12, 6696-701	12.9	66
95	Tamoxifen and quercetin interact with type II estrogen binding sites and inhibit the growth of human melanoma cells. <i>Journal of Investigative Dermatology</i> , 1995 , 105, 248-53	4.3	66
94	A bicistronic CYCLIN D1-TROP2 mRNA chimera demonstrates a novel oncogenic mechanism in human cancer. <i>Cancer Research</i> , 2008 , 68, 8113-21	10.1	64
93	Flavonoids inhibit melanoma lung metastasis by impairing tumor cells endothelium interactions. <i>Journal of Cellular Physiology</i> , 2006 , 207, 23-9	7	62
92	mTrop1/Epcam knockout mice develop congenital tufting enteropathy through dysregulation of intestinal E-cadherin/Ecatenin. <i>PLoS ONE</i> , 2012 , 7, e49302	3.7	60
91	Type-II estrogen binding sites in a lymphoblastoid cell line and growth-inhibitory effect of estrogen, anti-estrogen and bioflavonoids. <i>International Journal of Cancer</i> , 1990 , 46, 1112-6	7.5	60

90	Human thymoma: immunologic characteristics of the lymphocytic component. <i>Cancer</i> , 1981 , 48, 1992-5	6.4	54
89	Inhibitory effect of quercetin on primary ovarian and endometrial cancers and synergistic activity with cis-diamminedichloroplatinum (II). <i>Gynecologic Oncology</i> , 1992 , 45, 13-9	4.9	52
88	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	9.8	50
87	Functional and prognostic significance of the genomic amplification of frizzled 6 (FZD6) in breast cancer. <i>Journal of Pathology</i> , 2017 , 241, 350-361	9.4	49
86	p53 status identifies two subgroups of triple-negative breast cancers with distinct biological features. <i>Japanese Journal of Clinical Oncology</i> , 2011 , 41, 172-9	2.8	49
85	Role of phospholipase C in cell invasion and metastasis. <i>Advances in Biological Regulation</i> , 2013 , 53, 309-18	6.8	47
84	Sporadic childhood hepatoblastomas show activation of beta-catenin, mismatch repair defects and p53 mutations. <i>Modern Pathology</i> , 2008 , 21, 7-14	9.8	47
83	The insulin receptor substrate 1 (IRS1) in intestinal epithelial differentiation and in colorectal cancer. <i>PLoS ONE</i> , 2012 , 7, e36190	3.7	46
82	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	5.5	45
81	The combination of quercetin and cytosine arabinoside synergistically inhibits leukemic cell growth. <i>Leukemia Research</i> , 1992 , 16, 497-503	2.7	45
80	Features of endothelial dysfunction in umbilical cord vessels of women with gestational diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 1337-45	4.5	43
79	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, 229-33	9.9	40
78	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	3	40
77	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. <i>International Journal of Cancer</i> , 1998 , 77, 747-54	7.5	38
76	Type II estrogen receptors in the papillary cystic tumor of the pancreas. <i>American Journal of Clinical Pathology</i> , 1989 , 92, 572-6	1.9	38
75	The flavonoid quercetin inhibits thyroid-restricted genes expression and thyroid function. <i>Food and Chemical Toxicology</i> , 2014 , 66, 23-9	4.7	37
74	Depletion of stromal and intraepithelial antigen-presenting cells in cervical neoplasia in human immunodeficiency virus infection. <i>Human Pathology</i> , 1996 , 27, 834-8	3.7	35
73	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, 3850-6	2.2	34

72	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, 214-24	7.5	33
71	A dietary tomato supplement prevents prostate cancer in TRAMP mice. <i>Cancer Prevention Research</i> , 2010 , 3, 1284-91	3.2	33
70	Type II estrogen-binding sites and 17 beta-hydroxysteroid dehydrogenase activity in human peripheral blood mononuclear cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 888-92	5.6	33
69	Overexpression of activated phospholipase C α 1 is a risk factor for distant metastases in T1-T2, N0 breast cancer patients undergoing adjuvant chemotherapy. <i>International Journal of Cancer</i> , 2013 , 132, 1022-31	7.5	32
68	Alterations in thymocyte subpopulations in Down's syndrome (trisomy 21). <i>Clinical Immunology and Immunopathology</i> , 1988 , 49, 175-86		32
67	The flavonoid quercetin regulates growth and gene expression in rat FRTL-5 thyroid cells. <i>Endocrinology</i> , 2008 , 149, 84-92	4.8	31
66	Type II estrogen binding sites and antiproliferative activity of quercetin in human meningiomas. <i>Cancer</i> , 1993 , 71, 193-8	6.4	30
65	Role of interleukins 1 and 2 on human thymocyte mitogen activation. <i>Cellular Immunology</i> , 1981 , 64, 337-49	4.4	30
64	Quercetin and tamoxifen sensitize human melanoma cells to hyperthermia. <i>Melanoma Research</i> , 2001 , 11, 469-76	3.3	29
63	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, 1275-86	9.2	26
62	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	12.9	25
61	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. <i>International Journal of Cancer</i> , 1997 , 73, 75-83	7.5	25
60	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, 191-6	5.9	23
59	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, 1835-9	8.7	23
58	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, 234-8	3.3	23
57	Prognostic relevance of LGALS3BP in human colorectal carcinoma. <i>Journal of Translational Medicine</i> , 2015 , 13, 248	8.5	22
56	High expression of 90K (Mac-2 BP) is associated with poor survival in node-negative breast cancer patients not receiving adjuvant systemic therapies. <i>International Journal of Cancer</i> , 2009 , 124, 333-8	7.5	22
55	Changes of topoisomerase II α expression in breast tumors after neoadjuvant chemotherapy predicts relapse-free survival. <i>Clinical Cancer Research</i> , 2006 , 12, 1501-6	12.9	22

54	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, 1029-33	2.5	22
53	Synergistic antiproliferative activity of tamoxifen and cisplatin on primary ovarian tumours. <i>European Journal of Cancer</i> , 1992 , 28A, 1885-9	7.5	22
52	A unique four-hub protein cluster associates to glioblastoma progression. <i>PLoS ONE</i> , 2014 , 9, e103030	3.7	22
51	P53 mutations in colorectal cancer from northern Iran: Relationships with site of tumor origin, microsatellite instability and K-ras mutations. <i>Journal of Cellular Physiology</i> , 2008 , 216, 543-50	7	21
50	Neuropeptide-immunoreactive cells in human thymus. <i>Brain, Behavior, and Immunity</i> , 1990 , 4, 189-97	16.6	19
49	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, 4320-36	3.3	19
48	Quercetin and the growth of leukemic progenitors. <i>Leukemia and Lymphoma</i> , 1996 , 23, 49-53	1.9	18
47	Inhibitory effect of cyclosporin A on the OKT3-induced peripheral blood lymphocyte proliferation. <i>Cellular Immunology</i> , 1986 , 97, 131-9	4.4	18
46	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	4.8	17
45	Trop-1 are conserved growth stimulatory molecules that mark early stages of tumor progression. <i>Cancer</i> , 2007 , 110, 452-64	6.4	17
44	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, 90-6	3.7	17
43	p53, cathepsin D, Bcl-2 are joint prognostic indicators of breast cancer metastatic spreading. <i>BMC Cancer</i> , 2016 , 16, 649	4.8	17
42	Trop-2 Induces Tumor Growth Through AKT and Determines Sensitivity to AKT Inhibitors. <i>Clinical Cancer Research</i> , 2016 , 22, 4197-205	12.9	17
41	Intestinal tumour chemoprevention with the antioxidant lipoic acid stimulates the growth of breast cancer. <i>European Journal of Cancer</i> , 2008 , 44, 2696-704	7.5	16
40	Class II phosphoinositide 3-kinase C2 β regulates a novel signaling pathway involved in breast cancer progression. <i>Oncotarget</i> , 2016 , 7, 18325-45	3.3	16
39	Estrogen and progesterone receptors in the gallbladders from patients with gallstones. <i>Hepatology</i> , 1991 , 14, 608-12	11.2	16
38	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, 305-8	3.3	15
37	Structural and functional characteristics of hairy cells. <i>Acta Haematologica</i> , 1979 , 61, 184-93	2.7	15

36	Inhibition of tumor growth and angiogenesis by SP-2, an anti-lectin, galactoside-binding soluble 3 binding protein (LGALS3BP) antibody. <i>Molecular Cancer Therapeutics</i> , 2014 , 13, 916-25	6.1	14
35	Constitutive production of Interleukin-1 by the human continuous cell line, CM-S. <i>Cellular Immunology</i> , 1983 , 78, 368-74	4.4	14
34	Resveratrol inhibits sodium/iodide symporter gene expression and function in rat thyroid cells. <i>PLoS ONE</i> , 2014 , 9, e107936	3.7	14
33	Modulation of glucocorticoid inhibitory action on human lymphocyte mitogenesis: dependence on mitogen concentration and T-cell maturity. <i>Cellular Immunology</i> , 1983 , 76, 22-8	4.4	13
32	Secreted Gal-3BP is a novel promising target for non-internalizing Antibody-Drug Conjugates. <i>Journal of Controlled Release</i> , 2019 , 294, 176-184	11.7	13
31	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, 129-40	1.2	12
30	FC receptor for IgM: factors influencing detection on human T lymphocytes. <i>Journal of Immunological Methods</i> , 1979 , 29, 245-51	2.5	12
29	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		11
28	Glucocorticoid receptors and cortico-sensitivity in a human clonal monocytic cell line, CM-SM. <i>Journal of Cellular Physiology</i> , 1983 , 116, 329-35	7	10
27	Alterations of MEN1 and E-cadherin/βcatenin complex in sporadic pulmonary carcinoids. <i>International Journal of Oncology</i> , 2012 , 41, 1221-8	4.4	9
26	Pseudolymphoma of the lung: lymphoid subsets in the lung mass and in peripheral blood. <i>Cancer</i> , 1981 , 48, 2218-22	6.4	9
25	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, 1128-37	2.8	8
24	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	4.9	8
23	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, 333-40	4.4	8
22	Immunohistochemistry of thymic epithelial tumors as a tool in translational research. <i>Thoracic Surgery Clinics</i> , 2011 , 21, 33-46, vi	3.1	7
21	A human thymoma with prothymocyte-like infiltration. <i>Clinical Immunology and Immunopathology</i> , 1983 , 28, 350-60		7
20	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	8.5	7
19	The role of phospholipase C β in breast cancer and its clinical significance. <i>Future Oncology</i> , 2017 , 13, 1991-1997	3.6	6

18	Interleukin-1 production by a cloned line of human monocyte-like cells (CM-SM). Correlation with state of differentiation. <i>Scandinavian Journal of Immunology</i> , 1985 , 21, 11-20	3.4	6
17	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	7.9	4
16	Lymph Node Micrometastases Do Influence Breast Cancer Outcome. <i>Journal of Clinical Oncology</i> , 2015 , 33, 3977-8	2.2	4
15	Sentinel Node and Bone Marrow Micrometastases and Nanometastases. <i>Current Breast Cancer Reports</i> , 2010 , 2, 96-106	0.8	4
14	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, 536-41	7.5	4
13	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	4.4	4
12	Hepatocellular Carcinoma with Intracytoplasmic Hyaline Globules. <i>Tumori</i> , 1979 , 65, 767-775	1.7	4
11	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	17.5	3
10	Proliferative capabilities of T3-positive thymocytes. <i>Cellular Immunology</i> , 1985 , 90, 358-65	4.4	3
9	Alloantisera defining surface antigens on human thymocytes. <i>Clinical Immunology and Immunopathology</i> , 1982 , 22, 428-35		3
8	Efficacy and Safety of Lycoprogen [®] , a Novel Tomato-Based Food Supplement in Patients with Benign Prostatic Hyperplasia. <i>International Journal of Nutrition</i> , 2018 , 3, 1-5	2.2	3
7	Interaction of tamoxifen with cytosolic and nuclear type II estrogen binding sites (type II EBS). <i>Cancer Letters</i> , 1995 , 96, 123-31	9.9	2
6	Phenotypical characteristics and proliferative capabilities of thymocyte subsets in human thymoma. <i>Clinical Immunology and Immunopathology</i> , 1986 , 40, 385-92		2
5	Trop-2 induces ADAM10-mediated cleavage of E-cadherin and drives EMT-less metastasis in colon cancer. <i>Neoplasia</i> , 2021 , 23, 898-911	6.4	2
4	Alpha-1-antitrypsin in umbilical cord serum: pi phenotypes and relationships with idiopathic respiratory distress syndrome. <i>European Journal of Pediatrics</i> , 1978 , 127, 101-9	4.1	1
3	Overexpression of PY1289-HER3 in sporadic pulmonary carcinoid from patients bearing gene variants. <i>Oncology Letters</i> , 2016 , 12, 453-458	2.6	1
2	Reply to the letter to the editors. <i>Cancer Chemotherapy and Pharmacology</i> , 1995 , 36, 449-450	3.5	
1	Dissociation between coupled lymphocyte phenotypic and functional properties in S _H 2y cells. <i>Clinical Immunology and Immunopathology</i> , 1983 , 29, 103-10		

