Maria Graziella Catalano

List of Publications by Year
in descending order

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64 papers	2,771 citations	126907 33 h-index	182427 51 g-index
64 all docs	64 docs citations	64 times ranked	4110 citing authors

#	Article	IF	Citations
1	Extracorporeal Shock Waves Increase Markers of Cellular Proliferation in Bronchial Epithelium and in Primary Bronchial Fibroblasts of COPD Patients. Canadian Respiratory Journal, 2020, 2020, 1-14.	1.6	0
2	Modulating tumor reactive stroma by extracorporeal shock wavesÂto control prostate cancer progression. Prostate, 2020, 80, 1087-1096.	2.3	4
3	Benzene affects the response to octreotide treatment of growth hormone secreting pituitary adenoma cells. Environmental Research, 2019, 173, 489-496.	7.5	3
4	Extracorporeal shock waves trigger tenogenic differentiation of human adipose-derived stem cells. Connective Tissue Research, 2018, 59, 561-573.	2.3	14
5	Fibulin-1 interacts with Sex Hormone Binding Globulin and is linked to less aggressive estrogen-dependent breast cancers. Life Sciences, 2018, 207, 372-380.	4.3	4
6	FOXA1 and AR in invasive breast cancer: new findings on their co-expression and impact on prognosis in ER-positive patients. BMC Cancer, 2018, 18, 703.	2.6	30
7	Current Applications and Future Prospects of Extracorporeal Shockwave Therapy. Translational Research in Biomedicine, 2018, , 140-157.	0.4	3
8	Combining Drug-Loaded Nanobubbles and Extracorporeal Shock Waves for Difficult-to-Treat Cancers. Current Drug Delivery, 2018, 15, 752-754.	1.6	7
9	Extracorporeal shockwaves (ESWs) enhance the osteogenic medium-induced differentiation of adipose-derived stem cells into osteoblast-like cells. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 390-399.	2.7	32
10	Combining doxorubicin-nanobubbles and shockwaves for anaplastic thyroid cancer treatment: preclinical study in a xenograft mouse model. Endocrine-Related Cancer, 2017, 24, 275-286.	3.1	40
11	Effects of environmental pollutants on signaling pathways in rat pituitary GH3 adenoma cells. Environmental Research, 2017, 158, 660-668.	7.5	19
12	Benzene and 2-ethyl-phthalate induce proliferation in normal rat pituitary cells. Pituitary, 2017, 20, 311-318.	2.9	17
13	Valproic Acid, a Histone Deacetylase Inhibitor, in Combination with Paclitaxel for Anaplastic Thyroid Cancer: Results of a Multicenter Randomized Controlled Phase II/III Trial. International Journal of Endocrinology, 2016, 2016, 1-8.	1.5	25
14	Extracorporeal shock waves modulate myofibroblast differentiation of adiposeâ€derived stem cells. Wound Repair and Regeneration, 2016, 24, 275-286.	3.0	17
15	Doxorubicin-Loaded Nanobubbles Combined with Extracorporeal Shock Waves: Basis for a New Drug Delivery Tool in Anaplastic Thyroid Cancer. Thyroid, 2016, 26, 705-716.	4.5	48
16	Targeting Taxanes to Castration-Resistant Prostate Cancer Cells by Nanobubbles and Extracorporeal Shock Waves. PLoS ONE, 2016, 11, e0168553.	2.5	10
17	The pan-histone deacetylase inhibitor LBH589 (panobinostat) alters the invasive breast cancer cell phenotype. International Journal of Oncology, 2014, 44, 700-708.	3.3	25
18	Histone Deacetylase Inhibition Affects Sodium Iodide Symporter Expression and Induces ¹³¹I Cytotoxicity in Anaplastic Thyroid Cancer Cells. Thyroid, 2013, 23, 838-846.	4.5	40

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19	Histone Deacetylase Inhibition Modulates E-Cadherin Expression and Suppresses Migration and Invasion of Anaplastic Thyroid Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E1150-E1159.	3.6	41
20	AGEs/RAGE complex upregulates BACE1 via NF-ÎºB pathway activation. Neurobiology of Aging, 2012, 33, 196.e13-196.e27.	3.1	123
21	Epigenetics Modifications and Therapeutic Prospects in Human Thyroid Cancer. Frontiers in Endocrinology, 2012, 3, 40.	3.5	37
22	Cytotoxic activity of the histone deacetylase inhibitor panobinostat (LBH589) in anaplastic thyroid cancer in vitro and in vivo. International Journal of Cancer, 2012, 130, 694-704.	5.1	47
23	Dysregulation of SREBP2 induces BACE1 expression. Neurobiology of Disease, 2011, 44, 116-124.	4.4	19
24	The pan-DAC inhibitor LBH589 is a multi-functional agent in breast cancer cells: cytotoxic drug and inducer of sodium-iodide symporter (NIS). Breast Cancer Research and Treatment, 2010, 124, 667-675.	2.5	23
25	Emerging molecular therapies of advanced thyroid cancer. Molecular Aspects of Medicine, 2010, 31, 215-226.	6.4	38
26	Valproic acid restores ERÎ± and antiestrogen sensitivity to ERÎ±-negative breast cancer cells. Molecular and Cellular Endocrinology, 2010, 314, 17-22.	3.2	34
27	Sex Hormone-Binding Globulin (SHBG), estradiol and breast cancer. Molecular and Cellular Endocrinology, 2010, 316, 86-92.	3.2	84
28	Effects of the histone deacetylase inhibitor valproic acid on the sensitivity of anaplastic thyroid cancer cell lines to imatinib. Oncology Reports, 2009, , .	2.6	3
29	Extracorporeal shock waves enhance normal fibroblast proliferation in vitro and activate mRNA expression for TGF-Î²1 and for collagen types I and III. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 80, 612-617.	3.3	55
30	SREBP-1c in nonalcoholic fatty liver disease induced by Western-type high-fat diet plus fructose in rats. Free Radical Biology and Medicine, 2009, 47, 1067-1074.	2.9	91
31	Molecular mechanisms of the D327N SHBG protective role on breast cancer development after estrogen exposure. Breast Cancer Research and Treatment, 2009, 114, 449-456.	2.5	12
32	Oxidative Stress Triggers Cardiac Fibrosis in the Heart of Diabetic Rats. Endocrinology, 2008, 149, 380-388.	2.8	151
33	Valproic acid is a selective antiproliferative agent in estrogen-sensitive breast cancer cells. Cancer Letters, 2008, 259, 156-164.	7.2	57
34	Dehydroepiandrosterone Administration Counteracts Oxidative Imbalance and Advanced Glycation End Product Formation in Type 2 Diabetic Patients. Diabetes Care, 2007, 30, 2922-2927.	8.6	43
35	Sex Hormone-binding Globulin Selectively Modulates Estradiol-regulated Genes in MCF-7 Cells. Hormone and Metabolic Research, 2007, 39, 288-294.	1.5	6
36	Valproic acid enhances tubulin acetylation and apoptotic activity of paclitaxel on anaplastic thyroid cancer cell lines. Endocrine-Related Cancer, 2007, 14, 839-845.	3.1	75

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37	Possibile ruolo terapeutico del deidroepiandrosterone (DHEA) nellâ€™insufficienza surrenalica e nellâ€™invecchiamento. L Endocrinologo, 2007, 8, 202-208.	0.0	0
38	High Energy Shock Waves Activate 5â€²-Aminolevulinic Acid and Increase Permeability to Paclitaxel: Antitumor Effects of a New Combined Treatment on Anaplastic Thyroid Cancer Cells. Thyroid, 2007, 17, 91-99.	4.5	21
39	Oxidative Stress-Dependent Impairment of Cardiac-Specific Transcription Factors in Experimental Diabetes. Endocrinology, 2006, 147, 5967-5974.	2.8	109
40	Estrogen receptor-Î² is expressed in stromal cells of fibroadenoma and phyllodes tumors of the breast. Modern Pathology, 2006, 19, 599-606.	5.5	74
41	Sex Hormone-binding Globulin (SHBG) and Estradiol Cross-talk in Breast Cancer Cells. Hormone and Metabolic Research, 2006, 38, 236-240.	1.5	37
42	Evidence That Fibulin Family Members Contribute to the Steroid-dependent Extravascular Sequestration of Sex Hormone-binding Globulin. Journal of Biological Chemistry, 2006, 281, 15853-15861.	3.4	48
43	Valproic acid, a histone deacetylase inhibitor, enhances sensitivity to doxorubicin in anaplastic thyroid cancer cells. Journal of Endocrinology, 2006, 191, 465-472.	2.6	112
44	Up-Regulation of Advanced Glycated Products Receptors in the Brain of Diabetic Rats Is Prevented by Antioxidant Treatment. Endocrinology, 2005, 146, 5561-5567.	2.8	57
45	Valproic Acid Induces Apoptosis and Cell Cycle Arrest in Poorly Differentiated Thyroid Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1383-1389.	3.6	111
46	Sex hormone-binding globulin antagonizes the anti-apoptotic effect of estradiol in breast cancer cells. Molecular and Cellular Endocrinology, 2005, 230, 31-37.	3.2	51
47	Valproic Acid Induces the Expression of the Na+/I- Symporter and Iodine Uptake in Poorly Differentiated Thyroid Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 1006-1009.	3.6	91
48	Oxidative Stress Impairs Skeletal Muscle Repair in Diabetic Rats. Diabetes, 2004, 53, 1082-1088.	0.6	151
49	Cytotoxicity of anticancer drugs incorporated in solid lipid nanoparticles on HT-29 colorectal cancer cell line. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 58, 673-680.	4.3	152
50	High Energy Shock Waves (HESW) Enhance Paclitaxel Cytotoxicity in MCF-7 Cells. Breast Cancer Research and Treatment, 2003, 81, 11-19.	2.5	20
51	Pro-oxidant effect of dehydroepiandrosterone in rats is mediated by PPAR activation. Life Sciences, 2003, 73, 289-299.	4.3	39
52	Steroid Ligands Bind Human Sex Hormone-binding Globulin in Specific Orientations and Produce Distinct Changes in Protein Conformation. Journal of Biological Chemistry, 2002, 277, 32086-32093.	3.4	61
53	O-Glycosylation of human sex hormone-binding globulin is essential for inhibition of estradiol-induced MCF-7 breast cancer cell proliferation. Molecular and Cellular Endocrinology, 2002, 189, 135-143.	3.2	18
54	The androgen receptor CAG repeat: a modifier of carcinogenesis?. Molecular and Cellular Endocrinology, 2002, 193, 109-120.	3.2	66

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55	The control of progesterone receptor expression in MCF-7 breast cancer cells: effects of estradiol and sex hormone-binding globulin (SHBG). Molecular and Cellular Endocrinology, 2001, 172, 31-36.	3.2	36
56	Altered expression of androgen-receptor isoforms in human colon-cancer tissues. , 2000, 86, 325-330.		41
57	Somatic alterations of the androgen receptor CAG repeat in human colon cancer delineate a novel mutation pathway independent of microsatellite instability. Cancer Genetics and Cytogenetics, 2000, 123, 35-40.	1.0	24
58	Sex hormone-binding globulin, its membrane receptor, and breast cancer: a new approach to the modulation of estradiol action in neoplastic cells. Journal of Steroid Biochemistry and Molecular Biology, 1999, 69, 473-479.	2.5	45
59	Estradiol induction of cAMP in breast cancer cells is mediated by foetal calf serum (FCS) and sex hormone-binding globulin (SHBG). Journal of Steroid Biochemistry and Molecular Biology, 1999, 70, 73-80.	2.5	35
60	Sex steroid binding protein receptor (SBP-R) is related to a reduced proliferation rate in human breast cancer. Breast Cancer Research and Treatment, 1997, 42, 227-234.	2.5	29
61	Sex Steroid Binding Protein Is a Negative Modulator of Estrogen-induced Breast Cancer Cell Growth. Annals of the New York Academy of Sciences, 1996, 784, 362-369.	3.8	5
62	MCF-7 Cell Progesterone Receptor (PGR) Is Additionally Modulated by Sex Steroid Binding Protein (SBP) and Its Membrane Receptor (SBP-R) through cAMP and PKA. Annals of the New York Academy of Sciences, 1996, 784, 453-457.	3.8	7
63	Sex Steroid-Binding Protein and Its Membrane Receptor in Estrogen-Dependent Breast Cancer: Biological and Pathophysiological Impact. Hormone Research, 1996, 45, 202-206.	1.8	16
64	Sex steroid binding protein exerts a negative control on estradiol action in MCF-7 cells (human breast) Tj ETQq0 0 0 rgBT /Overlock 10 T 686-692.	2.8	38