

# Maria Domenica Castellone

## List of Publications by Year in descending order

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39  
papers

3,055  
citations

201674

27  
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330143

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40  
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40  
docs citations

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times ranked

4818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Serine 897 Phosphorylation of EPHA2 Is Involved in Signaling of Oncogenic ERK1/2 Drivers in Thyroid Cancer Cells. <i>Thyroid</i> , 2021, 31, 76-87.	4.5	6
2	RET-mediated modulation of tumor microenvironment and immune response in multiple endocrine neoplasia type 2 (MEN2). <i>Endocrine-Related Cancer</i> , 2018, 25, T105-T119.	3.1	19
3	A dual mechanism of activation of the Sonic Hedgehog pathway in anaplastic thyroid cancer: crosstalk with RAS-BRAF-MEK pathway and ligand secretion by tumor stroma. <i>Oncotarget</i> , 2018, 9, 4496-4510.	1.8	18
4	RET Tyrosine Kinase Receptor. , 2018, , 4631-4635.		0
5	Extracellular Superoxide Dismutase Expression in Papillary Thyroid Cancer Mesenchymal Stem/Stromal Cells Modulates Cancer Cell Growth and Migration. <i>Scientific Reports</i> , 2017, 7, 41416.	3.3	31
6	Human $\alpha$ -L-fucosidase-1 attenuates the invasive properties of thyroid cancer. <i>Oncotarget</i> , 2017, 8, 27075-27092.	1.8	24
7	A loss-of-function genetic screening identifies novel mediators of thyroid cancer cell viability. <i>Oncotarget</i> , 2016, 7, 28510-28522.	1.8	15
8	Metformin increases antitumor activity of MEK inhibitors through GLI1 downregulation in LKB1 positive human NSCLC cancer cells. <i>Oncotarget</i> , 2016, 7, 4265-4278.	1.8	58
9	RET Tyrosine Kinase Receptor. , 2016, , 1-6.		0
10	Extracellular Superoxide Dismutase Induces Mouse Embryonic Fibroblast Proliferative Burst, Growth Arrest, Immortalization, and Consequent <i>In Vivo</i> Tumorigenesis. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1460-1474.	5.4	25
11	NCOA4 Transcriptional Coactivator Inhibits Activation of DNA Replication Origins. <i>Molecular Cell</i> , 2014, 55, 123-137.	9.7	54
12	CD44 Proteolysis Increases CREB Phosphorylation and Sustains Proliferation of Thyroid Cancer Cells. <i>Cancer Research</i> , 2012, 72, 1449-1458.	0.9	58
13	FOXO1 is a molecular determinant of the mitogenic and invasive phenotype of anaplastic thyroid carcinoma. <i>Endocrine-Related Cancer</i> , 2012, 19, 695-710.	3.1	36
14	SOD3 Decreases Ischemic Injury Derived Apoptosis through Phosphorylation of Erk1/2, Akt, and FoxO3a. <i>PLoS ONE</i> , 2011, 6, e24456.	2.5	34
15	Biomarkers in Thyroid Tumor Research: New Diagnostic Tools and Potential Targets of Molecular-Based Therapy. <i>Journal of Thyroid Research</i> , 2011, 2011, 1-2.	1.3	7
16	Thyroid cancer and inflammation. <i>Molecular and Cellular Endocrinology</i> , 2010, 321, 94-102.	3.2	186
17	The $\beta$ -Catenin Axis Integrates Multiple Signals Downstream from RET/Papillary Thyroid Carcinoma Leading to Cell Proliferation. <i>Cancer Research</i> , 2009, 69, 1867-1876.	0.9	82
18	A novel de novo germ-line V292M mutation in the extracellular region of RET in a patient with pheochromocytoma and medullary thyroid carcinoma: Functional characterization.. <i>Clinical Endocrinology</i> , 2009, 73, 529-34.	2.4	23

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19	Dysregulated RET Signaling in Thyroid Cancer. <i>Endocrinology and Metabolism Clinics of North America</i> , 2008, 37, 363-374.	3.2	63
20	Receptor tyrosine kinase inhibitors in thyroid cancer. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2008, 22, 1023-1038.	4.7	39
21	A Cell Proliferation and Chromosomal Instability Signature in Anaplastic Thyroid Carcinoma. <i>Cancer Research</i> , 2007, 67, 10148-10158.	0.9	167
22	RET/Papillary Thyroid Carcinoma Oncogenic Signaling through the Rap1 Small GTPase. <i>Cancer Research</i> , 2007, 67, 381-390.	0.9	50
23	Biological Role and Potential Therapeutic Targeting of the Chemokine Receptor CXCR4 in Undifferentiated Thyroid Cancer. <i>Cancer Research</i> , 2007, 67, 11821-11829.	0.9	100
24	Rac inhibits thrombin-induced Rho activation: evidence of a Pak-dependent GTPase crosstalk. <i>Journal of Molecular Signaling</i> , 2006, 1, 8.	0.5	57
25	Cyclooxygenase-2 and Colorectal Cancer Chemoprevention: The $\beta$ -Catenin Connection: Figure 1.. <i>Cancer Research</i> , 2006, 66, 11085-11088.	0.9	81
26	Robo4 Signaling in Endothelial Cells Implies Attraction Guidance Mechanisms. <i>Journal of Biological Chemistry</i> , 2006, 281, 11347-11356.	3.4	73
27	The RET/PTC-RAS-BRAF linear signaling cascade mediates the motile and mitogenic phenotype of thyroid cancer cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 1068-1081.	8.2	231
28	Autocrine activation of an osteopontin-CD44-Rac pathway enhances invasion and transformation by H-RasV12. <i>Oncogene</i> , 2005, 24, 489-501.	5.9	82
29	Overexpression of the Cytokine Osteopontin Identifies Aggressive Laryngeal Squamous Cell Carcinomas and Enhances Carcinoma Cell Proliferation and Invasiveness. <i>Clinical Cancer Research</i> , 2005, 11, 8019-8027.	7.0	53
30	Osteopontin Is Overexpressed in Human Papillary Thyroid Carcinomas and Enhances Thyroid Carcinoma Cell Invasiveness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5270-5278.	3.6	71
31	Prostaglandin E <sub>2</sub> Promotes Colon Cancer Cell Growth Through a G <sub>s</sub> -Axin- $\beta$ -Catenin Signaling Axis. <i>Science</i> , 2005, 310, 1504-1510.	12.6	833
32	The RET/PTC-RAS-BRAF linear signaling cascade mediates the motile and mitogenic phenotype of thyroid cancer cells. <i>Journal of Clinical Investigation</i> , 2005, 115, 1068-1081.	8.2	126
33	Chimeric $G_{i2}/G_{i13}$ Proteins Reveal the Structural Requirements for the Binding and Activation of the RGS-like (RGL)-containing Rho Guanine Nucleotide Exchange Factors (GEFs) by $G_{i13}$ . <i>Journal of Biological Chemistry</i> , 2004, 279, 54283-54290.	3.4	21
34	Autocrine stimulation by osteopontin plays a pivotal role in the expression of the mitogenic and invasive phenotype of RET/PTC-transformed thyroid cells. <i>Oncogene</i> , 2004, 23, 2188-2196.	5.9	43
35	Ras-mediated apoptosis of PC CL 3 rat thyroid cells induced by RET/PTC oncogenes. <i>Oncogene</i> , 2003, 22, 246-255.	5.9	46
36	Identification of H-Ras, RhoA, Rac1 and Cdc42 responsive genes. <i>Oncogene</i> , 2003, 22, 2689-2697.	5.9	55

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37	Protein kinase C $\beta$ activation by RET: evidence for a negative feedback mechanism controlling RET tyrosine kinase. <i>Oncogene</i> , 2003, 22, 2942-2949.	5.9	27
38	Efficient Inhibition of RET/Papillary Thyroid Carcinoma Oncogenic Kinases by 4-Amino-5-(4-Chloro-Phenyl)-7-( <i>n</i> -Butyl)Pyrazolo[3,4- <i>d</i> ]Pyrimidine (PP2). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1897-1902.	3.6	115
39	RET/PTC1 oncogene signaling in PC Cl 3 thyroid cells requires the small GTP-binding protein Rho. <i>Oncogene</i> , 2001, 20, 6973-6982.	5.9	45