

Catia Morelli

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

1,814
citations

236612

25
h-index

264894

42
g-index

55
all docs

55
docs citations

55
times ranked

2699
citing authors

#	ARTICLE	IF	CITATIONS
1	Leptin Secretion by Human Ejaculated Spermatozoa. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 4753-4761.	1.8	112
2	PEG-templated mesoporous silica nanoparticles exclusively target cancer cells. <i>Nanoscale</i> , 2011, 3, 3198.	2.8	90
3	Peroxisome Proliferator-Activated Receptor- β Activates p53 Gene Promoter Binding to the Nuclear Factor- κ B Sequence in Human MCF7 Breast Cancer Cells. <i>Molecular Endocrinology</i> , 2006, 20, 3083-3092.	3.7	87
4	Role of the IGF-I receptor in the regulation of cell-cell adhesion: Implications in cancer development and progression. <i>Journal of Cellular Physiology</i> , 2003, 194, 108-116.	2.0	80
5	Nuclear insulin receptor substrate 1 interacts with estrogen receptor β at ERE promoters. <i>Oncogene</i> , 2004, 23, 7517-7526.	2.6	78
6	Inhibition of cyclin D1 expression by androgen receptor in breast cancer cells--identification of a novel androgen response element. <i>Nucleic Acids Research</i> , 2010, 38, 5351-5365.	6.5	78
7	Magnetic molecularly imprinted polymers (MMIPs) for carbazole derivative release in targeted cancer therapy. <i>Journal of Materials Chemistry B</i> , 2014, 2, 6619-6625.	2.9	73
8	Interaction Between Estrogen Receptor Alpha and Insulin/IGF Signaling in Breast Cancer. <i>Current Cancer Drug Targets</i> , 2008, 8, 597-610.	0.8	70
9	The estrogen receptor β is the key regulator of the bifunctional role of FoxO3a transcription factor in breast cancer motility and invasiveness. <i>Cell Cycle</i> , 2013, 12, 3405-3420.	1.3	70
10	Chenodeoxycholic acid through a TGR5-dependent CREB signaling activation enhances Cyclin D1 expression and promotes human endometrial cancer cell proliferation. <i>Cell Cycle</i> , 2012, 11, 2699-2710.	1.3	66
11	Estrogen receptor β regulates the degradation of insulin receptor substrates 1 and 2 in breast cancer cells. <i>Oncogene</i> , 2003, 22, 4007-4016.	2.6	62
12	Retinoic acid mediates degradation of IRS-1 by the ubiquitin-proteasome pathway, via a PKC-dependant mechanism. <i>Oncogene</i> , 2004, 23, 9269-9279.	2.6	59
13	IGF-I Receptor-induced Cell-Cell Adhesion of MCF-7 Breast Cancer Cells Requires the Expression of Junction Protein ZO-1. <i>Journal of Biological Chemistry</i> , 2001, 276, 39892-39897.	1.6	53
14	DAX-1, as an androgen-target gene, inhibits aromatase expression: a novel mechanism blocking estrogen-dependent breast cancer cell proliferation. <i>Cell Death and Disease</i> , 2013, 4, e724-e724.	2.7	53
15	Bergapten drives autophagy through the up-regulation of PTEN expression in breast cancer cells. <i>Molecular Cancer</i> , 2015, 14, 130.	7.9	50
16	Leptin Expression in Breast Nipple Aspirate Fluid (NAF) and Serum is Influenced by Body Mass Index (BMI) but not by the Presence of Breast Cancer. <i>Hormone and Metabolic Research</i> , 2004, 36, 336-340.	0.7	47
17	Akt2 Inhibition Enables the Forkhead Transcription Factor FoxO3a To Have a Repressive Role in Estrogen Receptor β Transcriptional Activity in Breast Cancer Cells. <i>Molecular and Cellular Biology</i> , 2010, 30, 857-870.	1.1	45
18	Modulating Tumor-Associated Macrophage Polarization by Synthetic and Natural PPAR β Ligands as a Potential Target in Breast Cancer. <i>Cells</i> , 2020, 9, 174.	1.8	43

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19	17 β -Estradiol enhances α 5 integrin subunit gene expression through ER α -Sp1 interaction and reduces cell motility and invasion of ER α -positive breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2010, 124, 63-77.	1.1	37
20	Dealing with Skin and Blood-Brain Barriers: The Unconventional Challenges of Mesoporous Silica Nanoparticles. <i>Pharmaceutics</i> , 2018, 10, 250.	2.0	35
21	Expression of nuclear insulin receptor substrate 1 in breast cancer. <i>Journal of Clinical Pathology</i> , 2007, 60, 633-641.	1.0	34
22	Controlled release of sunitinib in targeted cancer therapy: smart magnetically responsive hydrogels as restricted access materials. <i>RSC Advances</i> , 2015, 5, 65308-65315.	1.7	34
23	Impact of Vigorous-Intensity Physical Activity on Body Composition Parameters, Lipid Profile Markers, and Irisin Levels in Adolescents: A Cross-Sectional Study. <i>Nutrients</i> , 2020, 12, 742.	1.7	33
24	Mesoporous Silica Nanoparticles in Cancer Therapy: Relevance of the Targeting Function. <i>Mini-Reviews in Medicinal Chemistry</i> , 2016, 16, 743-753.	1.1	33
25	Evidence that the mouse insulin receptor substrate-1 belongs to the gene family on which the promoter is activated by estrogen receptor α through its interaction with Sp1. <i>Journal of Molecular Endocrinology</i> , 2006, 36, 91-105.	1.1	25
26	Evidence that low doses of Taxol enhance the functional transactivatory properties of p53 on p21 waf promoter in MCF-7 breast cancer cells. <i>FEBS Letters</i> , 2006, 580, 2371-2380.	1.3	23
27	Adherence to the Mediterranean diet pattern among university staff: a cross-sectional web-based epidemiological study in Southern Italy. <i>International Journal of Food Sciences and Nutrition</i> , 2020, 71, 581-592.	1.3	23
28	Insulin receptor substrate 1 modulates the transcriptional activity and the stability of androgen receptor in breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2009, 115, 297-306.	1.1	22
29	FoxO3a as a Positive Prognostic Marker and a Therapeutic Target in Tamoxifen-Resistant Breast Cancer. <i>Cancers</i> , 2019, 11, 1858.	1.7	22
30	Evidence for Enhanced Exosome Production in Aromatase Inhibitor-Resistant Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5841.	1.8	22
31	Androgens Inhibit Aromatase Expression Through DAX-1: Insights Into the Molecular Link Between Hormone Balance and Leydig Cancer Development. <i>Endocrinology</i> , 2015, 156, 1251-1262.	1.4	20
32	Estradiol via estrogen receptor beta influences ROS levels through the transcriptional regulation of SIRT3 in human seminoma Tcam-2 cells. <i>Tumor Biology</i> , 2017, 39, 101042831770164.	0.8	19
33	FoxO3a Mediates the Inhibitory Effects of the Antiepileptic Drug Lamotrigine on Breast Cancer Growth. <i>Molecular Cancer Research</i> , 2018, 16, 923-934.	1.5	19
34	Mesoporous silica-based hybrid materials for bone-specific drug delivery. <i>Nanoscale Advances</i> , 2019, 1, 3269-3278.	2.2	19
35	The estrogen receptor α :insulin receptor substrate 1 complex in breast cancer: structure \rightarrow function relationships. <i>Annals of Oncology</i> , 2007, 18, vi81-vi85.	0.6	18
36	Production of Plant-Derived Oleuropein Aglycone by a Combined Membrane Process and Evaluation of Its Breast Anticancer Properties. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 908.	2.0	18

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37	Potential Antioxidant and Anti-Inflammatory Properties of Serum from Healthy Adolescents with Optimal Mediterranean Diet Adherence: Findings from DIMENU Cross-Sectional Study. <i>Antioxidants</i> , 2021, 10, 1172.	2.2	17
38	Androgens downregulate miR-21 expression in breast cancer cells underlining the protective role of androgen receptor. <i>Oncotarget</i> , 2016, 7, 12651-12661.	0.8	17
39	Red wine consumption may affect sperm biology: The effects of different concentrations of the phytoestrogen Myricetin on human male gamete function. <i>Molecular Reproduction and Development</i> , 2013, 80, 155-165.	1.0	16
40	Human Sperm Anatomy: Different Expression and Localization of Phosphatidylinositol 3-Kinase in Normal and Varicocele Human Spermatozoa. <i>Ultrastructural Pathology</i> , 2013, 37, 176-182.	0.4	15
41	AIB1 sequestration by androgen receptor inhibits estrogen-dependent cyclin D1 expression in breast cancer cells. <i>BMC Cancer</i> , 2019, 19, 1038.	1.1	15
42	Bortezomib-Loaded Mesoporous Silica Nanoparticles Selectively Alter Metabolism and Induce Death in Multiple Myeloma Cells. <i>Cancers</i> , 2020, 12, 2709.	1.7	15
43	Nutrition Education Program and Physical Activity Improve the Adherence to the Mediterranean Diet: Impact on Inflammatory Biomarker Levels in Healthy Adolescents From the DIMENU Longitudinal Study. <i>Frontiers in Nutrition</i> , 2021, 8, 685247.	1.6	13
44	<p>Valproic Acid Addresses Neuroendocrine Differentiation of LNCaP Cells and Maintains Cell Survival</p>. <i>Drug Design, Development and Therapy</i> , 2019, Volume 13, 4265-4274.	2.0	10
45	Impact of Mediterranean Diet Food Choices and Physical Activity on Serum Metabolic Profile in Healthy Adolescents: Findings from the DIMENU Project. <i>Nutrients</i> , 2022, 14, 881.	1.7	8
46	FoxO3a Inhibits Tamoxifen-Resistant Breast Cancer Progression by Inducing Integrin $\alpha 5$ Expression. <i>Cancers</i> , 2022, 14, 214.	1.7	5
47	LPL, FNDC5 and PPAR α gene polymorphisms related to body composition parameters and lipid metabolic profile in adolescents from Southern Italy. <i>Journal of Translational Medicine</i> , 2022, 20, 107.	1.8	4
48	The Other Side of the Coin: May Androgens Have a Role in Breast Cancer Risk?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 424.	1.8	4
49	Controlled Release of 5-FU from Chiâ€“DHA Nanoparticles Synthesized with Ionic Gelation Technique: Evaluation of Release Profile Kinetics and Cytotoxicity Effect. <i>Journal of Functional Biomaterials</i> , 2020, 11, 48.	1.8	3
50	Engineered Stimuli-Responsive Nanoparticles for the Interaction With Biological Structures. , 2019, , 399-412.		0
51	FoxO3a Reduces Tamoxifen Resistant Breast Cancer Aggressiveness by Inducing Integrin $\alpha 5$ Expression. <i>FASEB Journal</i> , 2021, 35, .	0.2	0
52	Inhibition of cyclin D1 expression by androgen receptor in breast cancer cells: identification of a novel androgen response element. <i>FASEB Journal</i> , 2010, 24, 566.3.	0.2	0
53	FoxO3a transcription factor differentially modulates the metastatic potential of ER+ and ERâ€“ breast tumors. <i>FASEB Journal</i> , 2012, 26, 834.4.	0.2	0
54	A novel interplay between AR and DAXâ€“1 controls aromatase expression in estrogenâ€“dependent cancers. <i>FASEB Journal</i> , 2013, 27, 471.6.	0.2	0