

Maria D Vivanco

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6960214/publications.pdf>

Version: 2024-02-01

67
papers

4,512
citations

126907

33
h-index

102487

66
g-index

75
all docs

75
docs citations

75
times ranked

5430
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a retinoic acid responsive element in the retinoic acid receptor & beta; gene. Nature, 1990, 343, 177-180.	27.8	1,044
2	Characterization of the ligand-dependent transactivation domain of thyroid hormone receptor.. EMBO Journal, 1994, 13, 3039-3049.	7.8	295
3	Sox2 promotes tamoxifen resistance in breast cancer cells. EMBO Molecular Medicine, 2014, 6, 66-79.	6.9	262
4	Functional and molecular characterisation of mammary side population cells. Breast Cancer Research, 2002, 5, R1-8.	5.0	212
5	Growth and differentiation of progenitor/stem cells derived from the human mammary gland. Experimental Cell Research, 2004, 297, 444-460.	2.6	168
6	<i>HOXB9</i> , a gene overexpressed in breast cancer, promotes tumorigenicity and lung metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1100-1105.	7.1	140
7	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. PLoS Biology, 2016, 14, e1002466.	5.6	140
8	Cooperativity in transactivation between retinoic acid receptor and TFIID requires an activity analogous to E1A. Cell, 1992, 69, 401-412.	28.9	132
9	Stress relaxation and creep on living cells with the atomic force microscope: a means to calculate elastic moduli and viscosities of cell components. Nanotechnology, 2010, 21, 445101.	2.6	110
10	A Sox2-Sox9 signalling axis maintains human breast luminal progenitor and breast cancer stem cells. Oncogene, 2019, 38, 3151-3169.	5.9	110
11	Effects of estrogen on the proportion of stem cells in the breast. Breast Cancer Research and Treatment, 2011, 129, 23-35.	2.5	100
12	Functional characterization of a natural retinoic acid responsive element.. EMBO Journal, 1991, 10, 3829-3838.	7.8	89
13	Î±-Catenin Inhibits Î²-Catenin Signaling by Preventing Formation of a Î²-Catenin-T-cell Factor-DNA Complex. Journal of Biological Chemistry, 2000, 275, 21883-21888.	3.4	82
14	Homeobox B9 induces epithelial-to-mesenchymal transition-associated radioresistance by accelerating DNA damage responses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2760-2765.	7.1	79
15	Unliganded T3R, but not its oncogenic variant, v-erbA, suppresses RAR-dependent transactivation by titrating out RXR.. EMBO Journal, 1993, 12, 1343-1354.	7.8	77
16	Stress relaxation microscopy: Imaging local stress in cells. Journal of Biomechanics, 2010, 43, 349-354.	2.1	66
17	Early Functional Deficit and Microglial Disturbances in a Mouse Model of Amyotrophic Lateral Sclerosis. PLoS ONE, 2012, 7, e36000.	2.5	64
18	Glucocorticoids Inhibit Apoptosis during Fibrosarcoma Development by Transcriptionally Activating Bcl-xL. Journal of Biological Chemistry, 2003, 278, 18022-18029.	3.4	63

#	ARTICLE	IF	CITATIONS
19	MiR-24 induces chemotherapy resistance and hypoxic advantage in breast cancer. <i>Oncotarget</i> , 2017, 8, 19507-19521.	1.8	63
20	The Major Pre- and Postmenopausal Estrogens Play Opposing Roles in Obesity-Driven Mammary Inflammation and Breast Cancer Development. <i>Cell Metabolism</i> , 2020, 31, 1154-1172.e9.	16.2	58
21	Distinct Roles for Wnt-4 and Wnt-11 During Retinoic Acid-Induced Neuronal Differentiation. <i>Stem Cells</i> , 2011, 29, 141-153.	3.2	49
22	Ultra-fast laser microprocessing of medical polymers for cell engineering applications. <i>Materials Science and Engineering C</i> , 2014, 37, 241-250.	7.3	49
23	Chitosan nanogels as nanocarriers of polyoxometalates for breast cancer therapies. <i>Carbohydrate Polymers</i> , 2019, 213, 159-167.	10.2	48
24	OMTX705, a Novel FAP-Targeting ADC Demonstrates Activity in Chemotherapy and Pembrolizumab-Resistant Solid Tumor Models. <i>Clinical Cancer Research</i> , 2020, 26, 3420-3430.	7.0	47
25	Distinct breast cancer stem/progenitor cell populations require either HIF1 $\hat{\pm}$ or loss of PHD3 to expand under hypoxic conditions. <i>Oncotarget</i> , 2015, 6, 31721-31739.	1.8	46
26	Glycogen synthase kinase-3 and Axin function in a $\hat{\pm}$ -catenin-independent pathway that regulates neurite outgrowth in neuroblastoma cells. <i>Molecular and Cellular Neurosciences</i> , 2003, 24, 673-686.	2.2	45
27	Stratification and therapeutic potential of PML in metastatic breast cancer. <i>Nature Communications</i> , 2016, 7, 12595.	12.8	45
28	Dual Mechanisms of LYN Kinase Dysregulation Drive Aggressive Behavior in Breast Cancer Cells. <i>Cell Reports</i> , 2018, 25, 3674-3692.e10.	6.4	43
29	Selective Ablation of Retinoblastoma Protein Function by the RET Finger Protein. <i>Molecular Cell</i> , 2005, 18, 213-224.	9.7	42
30	Protective effect of stromal Dickkopf-3 in prostate cancer: opposing roles for TGFBI and ECM-1. <i>Oncogene</i> , 2018, 37, 5305-5324.	5.9	42
31	Analysis of $\hat{\pm}$ -Catenin Aggregation and Localization Using GFP Fusion Proteins: Nuclear Import of $\hat{\pm}$ -Catenin by the $\hat{\pm}$ -Catenin/Tcf Complex. <i>Experimental Cell Research</i> , 2000, 255, 207-220.	2.6	40
32	A transition in transcriptional activation by the glucocorticoid and retinoic acid receptors at the tumor stage of dermal fibrosarcoma development.. <i>EMBO Journal</i> , 1995, 14, 2217-2228.	7.8	34
33	Brcal is expressed in human microglia and is dysregulated in human and animal model of ALS. <i>Molecular Neurodegeneration</i> , 2015, 10, 34.	10.8	32
34	Acquired Resistance of ER-Positive Breast Cancer to Endocrine Treatment Confers an Adaptive Sensitivity to TRAIL through Posttranslational Downregulation of c-FLIP. <i>Clinical Cancer Research</i> , 2018, 24, 2452-2463.	7.0	32
35	SOX11 promotes epithelial/mesenchymal hybrid state and alters tropism of invasive breast cancer cells. <i>ELife</i> , 2020, 9, .	6.0	27
36	Cancer stem cells in the human mammary gland and regulation of their differentiation by estrogen. <i>Future Oncology</i> , 2011, 7, 995-1006.	2.4	26

#	ARTICLE	IF	CITATIONS
37	Resveratrol-Induced Temporal Variation in the Mechanical Properties of MCF-7 Breast Cancer Cells Investigated by Atomic Force Microscopy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3275.	4.1	25
38	Nuclear receptors: Lipid and hormone sensors with essential roles in the control of cancer development. <i>Seminars in Cancer Biology</i> , 2021, 73, 58-75.	9.6	25
39	Global dynamics of two-compartment models for cell production systems with regulatory mechanisms. <i>Mathematical Biosciences</i> , 2013, 245, 258-268.	1.9	23
40	Nuclear export of β -catenin: overlap between nuclear export signal sequences and the β -catenin binding site. <i>Experimental Cell Research</i> , 2004, 295, 150-160.	2.6	20
41	Laser Surface Microstructuring of a Bio-Resorbable Polymer to Anchor Stem Cells, Control Adipocyte Morphology, and Promote Osteogenesis. <i>Polymers</i> , 2018, 10, 1337.	4.5	20
42	Investigating cell-substrate and cell-cell interactions by means of single-cell probe force spectroscopy. <i>Microscopy Research and Technique</i> , 2017, 80, 124-130.	2.2	19
43	Paracrine Met signaling triggers epithelial-mesenchymal transition in mammary luminal progenitors, affecting their fate. <i>ELife</i> , 2015, 4, .	6.0	19
44	Wnt-11 as a Potential Prognostic Biomarker and Therapeutic Target in Colorectal Cancer. <i>Cancers</i> , 2019, 11, 908.	3.7	18
45	The Tumor Suppressor ING5 Is a Dimeric, Bivalent Recognition Molecule of the Histone H3K4me3 Mark. <i>Journal of Molecular Biology</i> , 2019, 431, 2298-2319.	4.2	18
46	Study of pro-opiomelanocortin mRNA expression in human postmortem pituitaries. <i>Molecular Brain Research</i> , 1991, 10, 129-137.	2.3	16
47	Function Follows Form: Defining Mammary Stem Cells. <i>Science Translational Medicine</i> , 2010, 2, 31ps22.	12.4	15
48	Substrate stiffness modulates the viscoelastic properties of MCF-7 cells. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104979.	3.1	15
49	Human Mammospheres Secrete Hormone-Regulated Active Extracellular Vesicles. <i>PLoS ONE</i> , 2014, 9, e83955.	2.5	14
50	Side Population. <i>Methods in Molecular Biology</i> , 2015, 1293, 73-81.	0.9	12
51	Loss of Mitotic Spindle Checkpoint Activity Predisposes to Chromosomal Instability at Early Stages of Fibrosarcoma Development. <i>Cell Cycle</i> , 2003, 2, 237-241.	2.6	11
52	Single-Cell Probe Force Studies to Identify Sox2 Overexpression-Promoted Cell Adhesion in MCF7 Breast Cancer Cells. <i>Cells</i> , 2020, 9, 935.	4.1	9
53	Loss of p16INK4a results in increased glucocorticoid receptor activity during fibrosarcoma development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3113-3118.	7.1	8
54	Dickkopf3 alters the morphological response to retinoic acid during neuronal differentiation of human embryonal carcinoma cells. <i>Developmental Neurobiology</i> , 2014, 74, 1243-1254.	3.0	7

#	ARTICLE	IF	CITATIONS
55	Mammary Stem Cells. <i>Methods in Molecular Biology</i> , 2015, 1293, v-vi.	0.9	7
56	Estrogen Modulates Epithelial Breast Cancer Cell Mechanics and Cell-to-Cell Contacts. <i>Materials</i> , 2021, 14, 2897.	2.9	7
57	FACS Sorting Mammary Stem Cells. <i>Methods in Molecular Biology</i> , 2015, 1293, 63-72.	0.9	7
58	Biomarkers in Breast Cancer. <i>Methods in Molecular Biology</i> , 2010, 593, 137-156.	0.9	6
59	Nanopatterned polystyrene-b-poly(acrylic acid) surfaces to modulate cell-material interaction. <i>Materials Science and Engineering C</i> , 2017, 75, 229-236.	7.3	5
60	Loss of mitotic spindle checkpoint activity predisposes to chromosomal instability at early stages of fibrosarcoma development. <i>Cell Cycle</i> , 2003, 2, 238-45.	2.6	4
61	Patient-Derived Explant Cultures of Normal and Tumor Human Breast Tissue. <i>Methods in Molecular Biology</i> , 2022, 2471, 301-307.	0.9	4
62	In Silico Approach for Immunohistochemical Evaluation of a Cytoplasmic Marker in Breast Cancer. <i>Cancers</i> , 2018, 10, 517.	3.7	3
63	Micropatterned Model Biological Membranes on a Solid Surface. , 2013, , 855-876.		1
64	The seventh ENBDC workshop on methods in mammary gland development and cancer. <i>Breast Cancer Research</i> , 2015, 17, 119.	5.0	0
65	See One, Do One, Teach One: A Practical Course on Methods in Mammary Gland Biology. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2017, 22, 215-219.	2.7	0
66	A model for stem cell population dynamics with regulated maturation delay. , 2011, , .		0
67	Single-Cell Genome and Transcriptome Processing Prior to High-Throughput Sequencing. <i>Methods in Molecular Biology</i> , 2015, 1293, 83-114.	0.9	0