Mauricio J Reginato

List of Publications by Year
in descending order

54 papers	5,846 citations	126907 33 h-index	182427 51 g-index
56 all docs	56 docs citations	56 times ranked	7436 citing authors

#	Article	IF	Citations
1	The Role of Apoptosis in Creating and Maintaining Luminal Space within Normal and Oncogene-Expressing Mammary Acini. Cell, 2002, 111, 29-40.	28.9	742
2	Integrins and EGFR coordinately regulate the pro-apoptotic protein Bim to prevent anoikis. Nature Cell Biology, 2003, 5, 733-740.	10.3	481
3	Transcriptional Activation by Peroxisome Proliferator-activated Receptor Î³ Is Inhibited by Phosphorylation at a Consensus Mitogen-activated Protein Kinase Site. Journal of Biological Chemistry, 1997, 272, 5128-5132.	3.4	475
4	Interdomain communication regulating ligand binding by PPAR-Î³. Nature, 1998, 396, 377-380.	27.8	331
5	Nutrient sensor O-GlcNAc transferase regulates breast cancer tumorigenesis through targeting of the oncogenic transcription factor FoxM1. Oncogene, 2010, 29, 2831-2842.	5.9	321
6	O-GlcNAcylation Regulates Cancer Metabolism and Survival Stress Signaling via Regulation of the HIF-1 Pathway. Molecular Cell, 2014, 54, 820-831.	9.7	307
7	Retinoic Acid Blocks Adipogenesis by Inhibiting C/EBPÎ²-Mediated Transcription. Molecular and Cellular Biology, 1997, 17, 1552-1561.	2.3	282
8	Prostaglandins Promote and Block Adipogenesis through Opposing Effects on Peroxisome Proliferator-activated Receptor Î³. Journal of Biological Chemistry, 1998, 273, 1855-1858.	3.4	263
9	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) is required for induction of autophagy during lumen formation in vitro. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 3438-3443.	7.1	245
10	Critical Role of O-Linked Î²-N-Acetylglucosamine Transferase in Prostate Cancer Invasion, Angiogenesis, and Metastasis. Journal of Biological Chemistry, 2012, 287, 11070-11081.	3.4	240
11	Fueling the fire: emerging role of the hexosamine biosynthetic pathway in cancer. BMC Biology, 2019, 17, 52.	3.8	227
12	O-GlcNAcylation in Cancer Biology: Linking Metabolism and Signaling. Journal of Molecular Biology, 2016, 428, 3282-3294.	4.2	222
13	A Potent Antidiabetic Thiazolidinedione with Unique Peroxisome Proliferator-activated Receptor Î³-activating Properties. Journal of Biological Chemistry, 1998, 273, 32679-32684.	3.4	170
14	Bim Regulation of Lumen Formation in Cultured Mammary Epithelial Acini Is Targeted by Oncogenes. Molecular and Cellular Biology, 2005, 25, 4591-4601.	2.3	130
15	mTOR/MYC Axis Regulates O-GlcNAc Transferase Expression and O-GlcNAcylation in Breast Cancer. Molecular Cancer Research, 2015, 13, 923-933.	3.4	109
16	The Transcriptional Integrator CREB-Binding Protein Mediates Positive Cross Talk between Nuclear Hormone Receptors and the Hematopoietic bZip Protein p45/NF-E2. Molecular and Cellular Biology, 1997, 17, 1407-1416.	2.3	105
17	ErbB2 requires integrin Î±5 for anoikis resistance via Src regulation of receptor activity in human mammary epithelial cells. Journal of Cell Science, 2010, 123, 1373-1382.	2.0	92
18	Micropatterns of Matrigel for three-dimensional epithelial cultures. Biomaterials, 2007, 28, 4006-4016.	11.4	91

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19	Mechanisms by which Thiazolidinediones Enhance Insulin Action. Trends in Endocrinology and Metabolism, 1999, 10, 9-13.	7.1	76
20	A cytoskeleton-based functional genetic screen identifies Bcl-xL as an enhancer of metastasis, but not primary tumor growth. Oncogene, 2004, 23, 4641-4645.	5.9	70
21	The Oncogene HER2/neu (ERBB2) Requires the Hypoxia-inducible Factor HIF-1 for Mammary Tumor Growth and Anoikis Resistance. Journal of Biological Chemistry, 2013, 288, 15865-15877.	3.4	68
22	Progress toward overcoming hypoxia-induced resistance to solid tumor therapy. Cancer Management and Research, 2015, 7, 253.	1.9	66
23	Hypoxia Suppression of Bim and Bmf Blocks Anoikis and Luminal Clearing during Mammary Morphogenesis. Molecular Biology of the Cell, 2010, 21, 3829-3837.	2.1	58
24	Activated ERBB2/HER2 Licenses Sensitivity to Apoptosis upon Endoplasmic Reticulum Stress through a PERK-Dependent Pathway. Cancer Research, 2014, 74, 1766-1777.	0.9	55
25	Activation of NF-ÎºB following detachment delays apoptosis in intestinal epithelial cells. Oncogene, 2005, 24, 6482-6491.	5.9	49
26	Metabolite Profiling Reveals the Glutathione Biosynthetic Pathway as a Therapeutic Target in Triple-Negative Breast Cancer. Molecular Cancer Therapeutics, 2018, 17, 264-275.	4.1	43
27	O-GlcNAc Transferase Regulates Cancer Stemâ€“like Potential of Breast Cancer Cells. Molecular Cancer Research, 2020, 18, 585-598.	3.4	42
28	Hypoxia/HIF1Î± induces lapatinib resistance in ERBB2-positive breast cancer cells via regulation of DUSP2. Oncotarget, 2015, 6, 1967-1980.	1.8	39
29	Constitutive K-RasG12D Activation of ERK2 Specifically Regulates 3D Invasion of Human Pancreatic Cancer Cells via MMP-1. Molecular Cancer Research, 2012, 10, 183-196.	3.4	38
30	Emerging Microtubule Targets in Glioma Therapy. Seminars in Pediatric Neurology, 2015, 22, 49-72.	2.0	36
31	DNA-independent and DNA-dependent Mechanisms Regulate the Differential Heterodimerization of the Isoforms of the Thyroid Hormone Receptor with Retinoid X Receptor. Journal of Biological Chemistry, 1996, 271, 28199-28205.	3.4	34
32	Illuminating the Center: Mechanisms Regulating Lumen Formation and Maintenance in Mammary Morphogenesis. Journal of Mammary Gland Biology and Neoplasia, 2006, 11, 205-211.	2.7	34
33	O-GlcNAc transferase: A sweet new cancer target. Cell Cycle, 2011, 10, 1712-1713.	2.6	34
34	O-GlcNAcylation: key regulator of glycolytic pathways. Journal of Bioenergetics and Biomembranes, 2018, 50, 189-198.	2.3	33
35	O-GlcNAc transferase regulates glioblastoma acetate metabolism via regulation of CDK5-dependent ACSS2 phosphorylation. Oncogene, 2022, 41, 2122-2136.	5.9	29
36	Breast Cancer Brain Metastasis Response to Radiation After Microbubble Oxygen Delivery in a Murine Model. Journal of Ultrasound in Medicine, 2019, 38, 3221-3228.	1.7	26

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37	O-GlcNAcylation regulation of cellular signaling in cancer. Cellular Signalling, 2022, 90, 110201.	3.6	25
38	ERK2-regulated TIMP1 Induces Hyperproliferation of K-RasG12D-Transformed Pancreatic Ductal Cells. Neoplasia, 2013, 15, 359-IN1.	5.3	19
39	Sticking to Sugars at the Metastatic Site: Sialyltransferase ST6GalNAc2 Acts as a Breast Cancer Metastasis Suppressor. Cancer Discovery, 2014, 4, 275-277.	9.4	19
40	Surviving without oxygen: Hypoxia regulation of mammary morphogenesis and anoikis. Cell Cycle, 2011, 10, 2287-2294.	2.6	15
41	Control of FLIPL expression and TRAIL resistance by the extracellular signal-regulated kinase1/2 pathway in breast epithelial cells. Cell Death and Differentiation, 2012, 19, 1908-1916.	11.2	15
42	EMT Transition Alters Interstitial Fluid Flowâ€“Induced Signaling in ERBB2-Positive Breast Cancer Cells. Molecular Cancer Research, 2015, 13, 755-764.	3.4	15
43	Cellular FLIPL plays a survival role and regulates morphogenesis in breast epithelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 168-178.	4.1	14
44	Sweet connections: O-GlcNAcylation links cancer cell metabolism and survival. Molecular and Cellular Oncology, 2015, 2, e961809.	0.7	12
45	The addition of calcitriol or its synthetic analog EB1089 to lapatinib and neratinib treatment inhibits cell growth and promotes apoptosis in breast cancer cells. American Journal of Cancer Research, 2017, 7, 1486-1500.	1.4	11
46	Cancer Metabolism: Cross Talk Between Signaling and O-GlcNAcylation. Methods in Molecular Biology, 2014, 1176, 73-88.	0.9	8
47	Proapoptotic protein Bim attenuates estrogen-enhanced survival in lymphangioleiomyomatosis. JCI Insight, 2016, 1, e86629.	5.0	8
48	Hypotension induced by growth-hormone-releasing peptide is mediated by mast cell serotonin release in the rat. Toxicology and Applied Pharmacology, 1990, 104, 403-410.	2.8	6
49	Influence of formulation variables on plasma growth hormone levels following intranasal administration of growth hormone-releasing peptide in anesthetized rats. Journal of Controlled Release, 1993, 24, 193-200.	9.9	6
50	An Ex Vivo Brain Slice Model to Study and Target Breast Cancer Brain Metastatic Tumor Growth. Journal of Visualized Experiments, 2021, , .	0.3	3
51	Christos D. Katsetos, MD, PhD, FRCPath, FRCP Edin. Journal of Neuropathology and Experimental Neurology, 2017, 76, 479-479.	1.7	0
52	Role of Hexosamine Biosynthetic Pathway on Cancer Stem Cells: Connecting Nutrient Sensing to Cancer Cell Plasticity. , 2021, , .		0
53	Constitutive Kâ€RasG12D Activation of ERK2 Specifically Regulates 3D Invasion of Human Pancreatic Cancer Cells via MMPâ€1. FASEB Journal, 2012, 26, 975.1.	0.5	0
54	KLF8 and OGT/Oâ€GlcNAcylation regulate breast cancer stemâ€like cells. FASEB Journal, 2022, 36, .	0.5	0