Ubaldo E Martinez-Outschoorn

List of Publications by Year in Descending Order

56 papers	3,862 citations	34 h-index	57 g-index
57 ext. papers	4,675 ext. citations	6 avg, IF	5.59 L-index

#	Paper	IF	Citations
56	Cigarette Smoke Induces Metabolic Reprogramming of the Tumor Stroma in Head and Neck Squamous Cell Carcinoma. *Molecular Cancer Research*, **2019**, 17, 1893-1909	6.6	10
55	Monocarboxylate Transporter 4 (MCT4) Knockout Mice Have Attenuated 4NQO Induced Carcinogenesis; A Role for MCT4 in Driving Oral Squamous Cell Cancer. *Frontiers in Oncology*, **2018**, 8, 324	5.3	22
54	Fructose 2,6-Bisphosphate in Cancer Cell Metabolism. *Frontiers in Oncology*, **2018**, 8, 331	5.3	46
53	Autophagy in cancer: a complex relationship. *Biochemical Journal*, **2018**, 475, 1939-1954	3.8	41
52	Metformin Effects on Metabolic Coupling and Tumor Growth in Oral Cavity Squamous Cell Carcinoma Coinjection Xenografts. *Otolaryngology - Head and Neck Surgery*, **2018**, 158, 867-877	5.5	6
51	Metformin Clinical Trial in HPV+ and HPV- Head and Neck Squamous Cell Carcinoma: Impact on Cancer Cell Apoptosis and Immune Infiltrate. *Frontiers in Oncology*, **2018**, 8, 436	5.3	18
50	Metformin as a Therapeutic Target in Endometrial Cancers. *Frontiers in Oncology*, **2018**, 8, 341	5.3	30
49	Cancer metabolism: a therapeutic perspective. *Nature Reviews Clinical Oncology*, **2017**, 14, 11-31	19.4	659
48	EBV-associated Peripheral T-Cell Lymphoma of Gastrointestinal Tract Presented With Widespread Chronic Inflammation: A Case Report. *Applied Immunohistochemistry and Molecular Morphology*, **2017**, 25, e1-e8	1.9	1
47	Acquired uniparental disomy in chromosome 6p as a feature of relapse after T-cell replete haploidentical hematopoietic stem cell transplantation using cyclophosphamide tolerization. *Bone Marrow Transplantation*, **2017**, 52, 615-619	4.4	9
46	Metformin effects on head and neck squamous carcinoma microenvironment: Window of opportunity trial. *Laryngoscope*, **2017**, 127, 1808-1815	3.6	35
45	Desmoglein 2 modulates extracellular vesicle release from squamous cell carcinoma keratinocytes. *FASEB Journal*, **2017**, 31, 3412-3424	0.9	38
44	Tumor Metabolism in the Microenvironment of Nodal Metastasis in Oral Squamous Cell Carcinoma. *Otolaryngology - Head and Neck Surgery*, **2017**, 157, 798-807	5.5	9
43	Targeting cancer stem cell propagation with palbociclib, a CDK4/6 inhibitor: Telomerase drives tumor cell heterogeneity. *Oncotarget*, **2017**, 8, 9868-9884	3.3	35
42	Higher rates of relapse in maternal recipients of haploidentical hematopoietic stem cell transplantation from adult offspring donors for AML and myelodysplastic syndrome. *Bone Marrow Transplantation*, **2017**, 52, 1465-1467	4.4	1
41	Mitochondrial and glycolytic metabolic compartmentalization in diffuse large B-cell lymphoma. *Seminars in Oncology*, **2017**, 44, 204-217	5.5	21
40	Hodgkin lymphoma: A complex metabolic ecosystem with glycolytic reprogramming of the tumor microenvironment. *Seminars in Oncology*, **2017**, 44, 218-225	5.5	25

39	Pilot study demonstrating metabolic and anti-proliferative effects of in vivo anti-oxidant supplementation with N-Acetylcysteine in Breast Cancer. *Seminars in Oncology*, **2017**, 44, 226-232	5.5	30
38	Metabolic coupling and the Reverse Warburg Effect in cancer: Implications for novel biomarker and anticancer agent development. *Seminars in Oncology*, **2017**, 44, 198-203	5.5	141
37	TP53-inducible Glycolysis and Apoptosis Regulator (TIGAR) Metabolically Reprograms Carcinoma and Stromal Cells in Breast Cancer. *Journal of Biological Chemistry*, **2016**, 291, 26291-26303	5.4	48
36	A Two-Step Haploidentical Versus a Two-Step Matched Related Allogeneic Myeloablative Peripheral Blood Stem Cell Transplantation. *Biology of Blood and Marrow Transplantation*, **2016**, 22, 141-8	4.7	21
35	Multi-focal control of mitochondrial gene expression by oncogenic MYC provides potential therapeutic targets in cancer. *Oncotarget*, **2016**, 7, 72395-72414	3.3	19
34	Bedaquiline, an FDA-approved antibiotic, inhibits mitochondrial function and potently blocks the proliferative expansion of stem-like cancer cells (CSCs). *Aging*, **2016**, 8, 1593-607	5.6	83
33	Repurposing atovaquone: targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. *Oncotarget*, **2016**, 7, 34084-99	3.3	127
32	Multicompartment metabolism in papillary thyroid cancer. *Laryngoscope*, **2016**, 126, 2410-2418	3.6	13
31	Cancer stem cell metabolism. *Breast Cancer Research*, **2016**, 18, 55	8.3	261
30	A two-step approach to myeloablative haploidentical transplantation: low nonrelapse mortality and high survival confirmed in patients with earlier stage disease. *Biology of Blood and Marrow Transplantation*, **2015**, 21, 646-52	4.7	36
29	Caveolae and signalling in cancer. *Nature Reviews Cancer*, **2015**, 15, 225-37	31.3	135
28	Metastasis and Oxidative Stress: Are Antioxidants a Metabolic Driver of Progression?. *Cell Metabolism*, **2015**, 22, 956-8	24.6	64
27	Prognostic Indications of Elevated MCT4 and CD147 across Cancer Types: A Meta-Analysis. *BioMed Research International*, **2015**, 2015, 242437	3	56
26	Parathyroid Hormone-Related Peptide-Linked Hypercalcemia in a Melanoma Patient Treated With Ipilimumab: Hormone Source and Clinical and Metabolic Correlates. *Seminars in Oncology*, **2015**, 42, 909-14	5.5	6
25	Mitochondrial Metabolism as a Treatment Target in Anaplastic Thyroid Cancer. *Seminars in Oncology*, **2015**, 42, 915-22	5.5	24
24	Mitochondrial mass, a new metabolic biomarker for stem-like cancer cells: Understanding WNT/FGF-driven anabolic signaling. *Oncotarget*, **2015**, 6, 30453-71	3.3	84
23	Catabolic cancer-associated fibroblasts transfer energy and biomass to anabolic cancer cells, fueling tumor growth. *Seminars in Cancer Biology*, **2014**, 25, 47-60	12.7	252
22	Metabolic asymmetry in cancer: a "balancing act" that promotes tumor growth. *Cancer Cell*, **2014**, 26, 5-7	24.3	15

21	Tumor microenvironment and metabolic synergy in breast cancers: critical importance of mitochondrial fuels and function. *Seminars in Oncology*, **2014**, 41, 195-216	5.5	141
20	JNK1 stress signaling is hyper-activated in high breast density and the tumor stroma: connecting fibrosis, inflammation, and stemness for cancer prevention. *Cell Cycle*, **2014**, 13, 580-99	4.7	42
19	Reverse Warburg effect in a patient with aggressive B-cell lymphoma: is lactic acidosis a paraneoplastic syndrome?. *Seminars in Oncology*, **2013**, 40, 403-18	5.5	35
18	Creating a tumor-resistant microenvironment: cell-mediated delivery of TNF completely prevents breast cancer tumor formation in vivo. *Cell Cycle*, **2013**, 12, 480-90	4.7	23
17	Cancer metabolism, stemness and tumor recurrence: MCT1 and MCT4 are functional biomarkers of metabolic symbiosis in head and neck cancer. *Cell Cycle*, **2013**, 12, 1371-84	4.7	159
16	Cigarette smoke metabolically promotes cancer, via autophagy and premature aging in the host stromal microenvironment. *Cell Cycle*, **2013**, 12, 818-25	4.7	42
15	Ethanol exposure induces the cancer-associated fibroblast phenotype and lethal tumor metabolism: implications for breast cancer prevention. *Cell Cycle*, **2013**, 12, 289-301	4.7	39
14	Stromal glycolysis and MCT4 are hallmarks of DCIS progression to invasive breast cancer. *Cell Cycle*, **2013**, 12, 2935-6	4.7	11
13	Compartment-specific activation of PPAR governs breast cancer tumor growth, via metabolic reprogramming and symbiosis. *Cell Cycle*, **2013**, 12, 1360-70	4.7	23
12	Oncogenes and inflammation rewire host energy metabolism in the tumor microenvironment: RAS and NFB target stromal MCT4. *Cell Cycle*, **2013**, 12, 2580-97	4.7	65
11	Oncogenes induce the cancer-associated fibroblast phenotype: metabolic symbiosis and "fibroblast addiction" are new therapeutic targets for drug discovery. *Cell Cycle*, **2013**, 12, 2723-32	4.7	90
10	Mitochondrial dysfunction in breast cancer cells prevents tumor growth: understanding chemoprevention with metformin. *Cell Cycle*, **2013**, 12, 172-82	4.7	64
9	Mitochondria "fuel" breast cancer metabolism: fifteen markers of mitochondrial biogenesis label epithelial cancer cells, but are excluded from adjacent stromal cells. *Cell Cycle*, **2012**, 11, 4390-401	4.7	118
8	Ketone bodies and two-compartment tumor metabolism: stromal ketone production fuels mitochondrial biogenesis in epithelial cancer cells. *Cell Cycle*, **2012**, 11, 3956-63	4.7	89
7	The milk protein casein functions as a tumor suppressor via activation of STAT1 signaling, effectively preventing breast cancer tumor growth and metastasis. *Cell Cycle*, **2012**, 11, 3972-82	4.7	23
6	CDK inhibitors (p16/p19/p21) induce senescence and autophagy in cancer-associated fibroblasts, "fueling" tumor growth via paracrine interactions, without an increase in neo-angiogenesis. *Cell Cycle*, **2012**, 11, 3599-610	4.7	147
5	Ketone body utilization drives tumor growth and metastasis. *Cell Cycle*, **2012**, 11, 3964-71	4.7	113
4	Metabolic reprogramming and two-compartment tumor metabolism: opposing role(s) of HIF1 and HIF2 in tumor-associated fibroblasts and human breast cancer cells. *Cell Cycle*, **2012**, 11, 3280-9	4.7	67

3	Metabolic remodeling of the tumor microenvironment: migration stimulating factor (MSF) reprograms myofibroblasts toward lactate production, fueling anabolic tumor growth. *Cell Cycle*, **2012**, 11, 3403-14	4.7	37
2	BRCA1 mutations drive oxidative stress and glycolysis in the tumor microenvironment: implications for breast cancer prevention with antioxidant therapies. *Cell Cycle*, **2012**, 11, 4402-13	4.7	64
1	Hereditary ovarian cancer and two-compartment tumor metabolism: epithelial loss of BRCA1 induces hydrogen peroxide production, driving oxidative stress and NFB activation in the tumor stroma. *Cell Cycle*, **2012**, 11, 4152-66	4.7	41