

Ubaldo E Martinez-Outschoorn

List of Publications by Year in descending order

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57
papers

5,296
citations

101543

36
h-index

144013

57
g-index

57
all docs

57
docs citations

57
times ranked

9080
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer metabolism: a therapeutic perspective. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 11-31.	27.6	1,028
2	Cancer stem cell metabolism. <i>Breast Cancer Research</i> , 2016, 18, 55.	5.0	377
3	Catabolic cancer-associated fibroblasts transfer energy and biomass to anabolic cancer cells, fueling tumor growth. <i>Seminars in Cancer Biology</i> , 2014, 25, 47-60.	9.6	337
4	Metabolic coupling and the Reverse Warburg Effect in cancer: Implications for novel biomarker and anticancer agent development. <i>Seminars in Oncology</i> , 2017, 44, 198-203.	2.2	239
5	Cancer metabolism, stemness and tumor recurrence. <i>Cell Cycle</i> , 2013, 12, 1371-1384.	2.6	195
6	Caveolae and signalling in cancer. <i>Nature Reviews Cancer</i> , 2015, 15, 225-237.	28.4	185
7	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. <i>Cell Cycle</i> , 2012, 11, 3599-3610.	2.6	182
8	Tumor Microenvironment and Metabolic Synergy in Breast Cancers: Critical Importance of Mitochondrial Fuels and Function. <i>Seminars in Oncology</i> , 2014, 41, 195-216.	2.2	176
9	Repurposing atovaquone: Targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. <i>Oncotarget</i> , 2016, 7, 34084-34099.	1.8	171
10	Ketone body utilization drives tumor growth and metastasis. <i>Cell Cycle</i> , 2012, 11, 3964-3971.	2.6	152
11	Mitochondria "fuel" breast cancer metabolism: Fifteen markers of mitochondrial biogenesis label epithelial cancer cells, but are excluded from adjacent stromal cells. <i>Cell Cycle</i> , 2012, 11, 4390-4401.	2.6	147
12	Mitochondrial mass, a new metabolic biomarker for stem-like cancer cells: Understanding WNT/FGF-driven anabolic signaling. <i>Oncotarget</i> , 2015, 6, 30453-30471.	1.8	113
13	Bedaquiline, an FDA-approved antibiotic, inhibits mitochondrial function and potently blocks the proliferative expansion of stem-like cancer cells (CSCs). <i>Aging</i> , 2016, 8, 1593-1607.	3.1	105
14	Oncogenes induce the cancer-associated fibroblast phenotype: Metabolic symbiosis and "fibroblast addiction" are new therapeutic targets for drug discovery. <i>Cell Cycle</i> , 2013, 12, 2723-2732.	2.6	104
15	Ketone bodies and two-compartment tumor metabolism: Stromal ketone production fuels mitochondrial biogenesis in epithelial cancer cells. <i>Cell Cycle</i> , 2012, 11, 3956-3963.	2.6	103
16	Metastasis and Oxidative Stress: Are Antioxidants a Metabolic Driver of Progression?. <i>Cell Metabolism</i> , 2015, 22, 956-958.	16.2	85
17	Fructose 2,6-Bisphosphate in Cancer Cell Metabolism. <i>Frontiers in Oncology</i> , 2018, 8, 331.	2.8	83
18	Prognostic Indications of Elevated MCT4 and CD147 across Cancer Types: A Meta-Analysis. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	78

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19	Metabolic reprogramming and two-compartment tumor metabolism. <i>Cell Cycle</i> , 2012, 11, 3280-3289.	2.6	77
20	Mitochondrial dysfunction in breast cancer cells prevents tumor growth. <i>Cell Cycle</i> , 2013, 12, 172-182.	2.6	76
21	Oncogenes and inflammation rewire host energy metabolism in the tumor microenvironment. <i>Cell Cycle</i> , 2013, 12, 2580-2597.	2.6	75
22	BRCA1 mutations drive oxidative stress and glycolysis in the tumor microenvironment. <i>Cell Cycle</i> , 2012, 11, 4402-4413.	2.6	71
23	Desmoglein 2 modulates extracellular vesicle release from squamous cell carcinoma keratinocytes. <i>FASEB Journal</i> , 2017, 31, 3412-3424.	0.5	64
24	TP53-inducible Glycolysis and Apoptosis Regulator (TIGAR) Metabolically Reprograms Carcinoma and Stromal Cells in Breast Cancer. <i>Journal of Biological Chemistry</i> , 2016, 291, 26291-26303.	3.4	62
25	Autophagy in cancer: a complex relationship. <i>Biochemical Journal</i> , 2018, 475, 1939-1954.	3.7	57
26	Metformin as a Therapeutic Target in Endometrial Cancers. <i>Frontiers in Oncology</i> , 2018, 8, 341.	2.8	54
27	Hereditary ovarian cancer and two-compartment tumor metabolism. <i>Cell Cycle</i> , 2012, 11, 4152-4166.	2.6	53
28	JNK1 stress signaling is hyper-activated in high breast density and the tumor stroma: Connecting fibrosis, inflammation, and stemness for cancer prevention. <i>Cell Cycle</i> , 2014, 13, 580-599.	2.6	52
29	Cigarette smoke metabolically promotes cancer, via autophagy and premature aging in the host stromal microenvironment. <i>Cell Cycle</i> , 2013, 12, 818-825.	2.6	51
30	Metformin effects on head and neck squamous carcinoma microenvironment: Window of opportunity trial. <i>Laryngoscope</i> , 2017, 127, 1808-1815.	2.0	51
31	Hodgkin lymphoma: A complex metabolic ecosystem with glycolytic reprogramming of the tumor microenvironment. <i>Seminars in Oncology</i> , 2017, 44, 218-225.	2.2	44
32	Targeting cancer stem cell propagation with palbociclib, a CDK4/6 inhibitor: Telomerase drives tumor cell heterogeneity. <i>Oncotarget</i> , 2017, 8, 9868-9884.	1.8	44
33	Ethanol exposure induces the cancer-associated fibroblast phenotype and lethal tumor metabolism. <i>Cell Cycle</i> , 2013, 12, 289-301.	2.6	43
34	Metabolic remodeling of the tumor microenvironment: Migration stimulating factor (MSF) reprograms myofibroblasts toward lactate production, fueling anabolic tumor growth. <i>Cell Cycle</i> , 2012, 11, 3403-3414.	2.6	42
35	A Two-Step Approach to Myeloablative Haploidentical Transplantation: Low Nonrelapse Mortality and High Survival Confirmed in Patients with Earlier Stage Disease. <i>Biology of Blood and Marrow Transplantation</i> , 2015, 21, 646-652.	2.0	41
36	Reverse Warburg Effect in a Patient With Aggressive B-Cell Lymphoma: Is Lactic Acidosis a Paraneoplastic Syndrome?. <i>Seminars in Oncology</i> , 2013, 40, 403-418.	2.2	40

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37	Pilot study demonstrating metabolic and anti-proliferative effects of in vivo anti-oxidant supplementation with N-Acetylcysteine in Breast Cancer. <i>Seminars in Oncology</i> , 2017, 44, 226-232.	2.2	40
38	Mitochondrial Metabolism as a Treatment Target in Anaplastic Thyroid Cancer. <i>Seminars in Oncology</i> , 2015, 42, 915-922.	2.2	33
39	Compartment-specific activation of PPAR γ governs breast cancer tumor growth, via metabolic reprogramming and symbiosis. <i>Cell Cycle</i> , 2013, 12, 1360-1370.	2.6	32
40	Monocarboxylate Transporter 4 (MCT4) Knockout Mice Have Attenuated 4NQO Induced Carcinogenesis; A Role for MCT4 in Driving Oral Squamous Cell Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 324.	2.8	32
41	The milk protein β -casein functions as a tumor suppressor via activation of STAT1 signaling, effectively preventing breast cancer tumor growth and metastasis. <i>Cell Cycle</i> , 2012, 11, 3972-3982.	2.6	31
42	Mitochondrial and glycolytic metabolic compartmentalization in diffuse large B-cell lymphoma. <i>Seminars in Oncology</i> , 2017, 44, 204-217.	2.2	30
43	Metformin Clinical Trial in HPV+ and HPV α Head and Neck Squamous Cell Carcinoma: Impact on Cancer Cell Apoptosis and Immune Infiltrate. <i>Frontiers in Oncology</i> , 2018, 8, 436.	2.8	30
44	Multi-focal control of mitochondrial gene expression by oncogenic MYC provides potential therapeutic targets in cancer. <i>Oncotarget</i> , 2016, 7, 72395-72414.	1.8	30
45	A Two-Step Haploidentical Versus a Two-Step Matched Related Allogeneic Myeloablative Peripheral Blood Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2016, 22, 141-148.	2.0	29
46	Creating a tumor-resistant microenvironment: Cell-mediated delivery of TNF α completely prevents breast cancer tumor formation in vivo. <i>Cell Cycle</i> , 2013, 12, 480-490.	2.6	26
47	Cigarette Smoke Induces Metabolic Reprogramming of the Tumor Stroma in Head and Neck Squamous Cell Carcinoma. <i>Molecular Cancer Research</i> , 2019, 17, 1893-1909.	3.4	21
48	Metabolic Asymmetry in Cancer: A "Balancing Act" that Promotes Tumor Growth. <i>Cancer Cell</i> , 2014, 26, 5-7.	16.8	20
49	Multicompartment metabolism in papillary thyroid cancer. <i>Laryngoscope</i> , 2016, 126, 2410-2418.	2.0	18
50	Acquired uniparental disomy in chromosome 6p as a feature of relapse after T-cell replete haploidentical hematopoietic stem cell transplantation using cyclophosphamide tolerization. <i>Bone Marrow Transplantation</i> , 2017, 52, 615-619.	2.4	14
51	Stromal glycolysis and MCT4 are hallmarks of DCIS progression to invasive breast cancer. <i>Cell Cycle</i> , 2013, 12, 2935-2936.	2.6	11
52	Parathyroid Hormone-Related Peptide "Linked Hypercalcemia in a Melanoma Patient Treated With Ipilimumab: Hormone Source and Clinical and Metabolic Correlates. <i>Seminars in Oncology</i> , 2015, 42, 909-914.	2.2	10
53	Tumor Microenvironment: Introduction. <i>Seminars in Oncology</i> , 2014, 41, 145.	2.2	9
54	Tumor Metabolism in the Microenvironment of Nodal Metastasis in Oral Squamous Cell Carcinoma. <i>Otolaryngology - Head and Neck Surgery</i> , 2017, 157, 798-807.	1.9	9

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55	Metformin Effects on Metabolic Coupling and Tumor Growth in Oral Cavity Squamous Cell Carcinoma Coinjection Xenografts. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 158, 867-877.	1.9	8
56	Higher rates of relapse in maternal recipients of haploidentical hematopoietic stem cell transplantation from adult offspring donors for AML and myelodysplastic syndrome. <i>Bone Marrow Transplantation</i> , 2017, 52, 1465-1467.	2.4	5
57	EBV-associated Peripheral T-Cell Lymphoma of Gastrointestinal Tract Presented With Widespread Chronic Inflammation: A Case Report. <i>Applied Immunohistochemistry and Molecular Morphology</i> , 2017, 25, e1-e8.	1.2	1