

Michael P Lisanti

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

514 papers	64,032 citations	133 h-index	233 g-index
523 ext. papers	69,507 ext. citations	5.9 avg, IF	7.52 L-index

#	Paper	IF	Citations
514	High ATP Production Fuels Cancer Drug Resistance and Metastasis: Implications for Mitochondrial ATP Depletion Therapy. <i>Frontiers in Oncology</i> , 2021 , 11, 740720	5.3	7
513	Bedaquiline, an FDA-approved drug, inhibits mitochondrial ATP production and metastasis in vivo, by targeting the gamma subunit (ATP5F1C) of the ATP synthase. <i>Cell Death and Differentiation</i> , 2021 , 28, 2797-2817	12.7	7
512	Anticancer innovative therapy congress: Highlights from the 10th anniversary edition. <i>Cytokine and Growth Factor Reviews</i> , 2021 , 59, 1-8	17.9	2
511	MitoTracker Deep Red (MTDR) Is a Metabolic Inhibitor for Targeting Mitochondria and Eradicating Cancer Stem Cells (CSCs), With Anti-Tumor and Anti-Metastatic Activity. <i>Frontiers in Oncology</i> , 2021 , 11, 678343	5.3	2
510	New insights in the expression of stromal caveolin 1 in breast cancer spread to axillary lymph nodes. <i>Scientific Reports</i> , 2021 , 11, 2755	4.9	2
509	SH3BGRL3 binds to myosin 1c in a calcium dependent manner and modulates migration in the MDA-MB-231 cell line. <i>BMC Molecular and Cell Biology</i> , 2021 , 22, 41	2.7	1
508	Deferiprone (DFP) Targets Cancer Stem Cell (CSC) Propagation by Inhibiting Mitochondrial Metabolism and Inducing ROS Production. <i>Cells</i> , 2020 , 9,	7.9	20
507	COVID-19 and chronological aging: senolytics and other anti-aging drugs for the treatment or prevention of corona virus infection?. <i>Aging</i> , 2020 , 12, 6511-6517	5.6	123
506	First-in-class candidate therapeutics that target mitochondria and effectively prevent cancer cell metastasis: mitoriboscins and TPP compounds. <i>Aging</i> , 2020 , 12, 10162-10179	5.6	10
505	Using the common cold virus as a naturally occurring vaccine to prevent COVID-19: Lessons from Edward Jenner. <i>Aging</i> , 2020 , 12, 18797-18803	5.6	4
504	Essential role of STAT5a in DCIS formation and invasion following estrogen treatment. <i>Aging</i> , 2020 , 12, 15104-15120	5.6	1
503	Hypoxia and hyperglycaemia determine why some endometrial tumours fail to respond to metformin. <i>British Journal of Cancer</i> , 2020 , 122, 62-71	8.7	10
502	Cholesterol and Mevalonate: Two Metabolites Involved in Breast Cancer Progression and Drug Resistance through the ERK Pathway. <i>Cells</i> , 2020 , 9,	7.9	13
501	A Myristoyl Amide Derivative of Doxycycline Potently Targets Cancer Stem Cells (CSCs) and Prevents Spontaneous Metastasis, Without Retaining Antibiotic Activity. <i>Frontiers in Oncology</i> , 2020 , 10, 1528	5.3	5
500	The membrane-associated form of cyclin D1 enhances cellular invasion. <i>Oncogenesis</i> , 2020 , 9, 83	6.6	4
499	Mitochondrial Fission Factor (MFF) Inhibits Mitochondrial Metabolism and Reduces Breast Cancer Stem Cell (CSC) Activity. <i>Frontiers in Oncology</i> , 2020 , 10, 1776	5.3	13
498	Doxycycline, Azithromycin and Vitamin C (DAV): A potent combination therapy for targeting mitochondria and eradicating cancer stem cells (CSCs). <i>Aging</i> , 2019 , 11, 2202-2216	5.6	36

497	Dodecyl-TPP Targets Mitochondria and Potently Eradicates Cancer Stem Cells (CSCs): Synergy With FDA-Approved Drugs and Natural Compounds (Vitamin C and Berberine). <i>Frontiers in Oncology</i> , 2019 , 9, 615	5.3	26
496	Hallmarks of the cancer cell of origin: Comparisons with "energetic" cancer stem cells (e-CSCs). <i>Aging</i> , 2019 , 11, 1065-1068	5.6	15
495	Mitochondrial and ribosomal biogenesis are new hallmarks of stemness, oncometabolism and biomass accumulation in cancer: Mito-stemness and ribo-stemness features. <i>Aging</i> , 2019 , 11, 4801-4835	5.6	7
494	Thioalbamide, A Thioamidated Peptide from , Affects Tumor Growth and Stemness by Inducing Metabolic Dysfunction and Oxidative Stress. <i>Cells</i> , 2019 , 8,	7.9	23
493	FoxO3a as a Positive Prognostic Marker and a Therapeutic Target in Tamoxifen-Resistant Breast Cancer. <i>Cancers</i> , 2019 , 11,	6.6	11
492	"Energetic" Cancer Stem Cells (e-CSCs): A New Hyper-Metabolic and Proliferative Tumor Cell Phenotype, Driven by Mitochondrial Energy. <i>Frontiers in Oncology</i> , 2018 , 8, 677	5.3	37
491	Bergamot natural products eradicate cancer stem cells (CSCs) by targeting mevalonate, Rho-GDI-signalling and mitochondrial metabolism. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018 , 1859, 984-996	4.6	45
490	Cancer stem cells (CSCs): metabolic strategies for their identification and eradication. <i>Biochemical Journal</i> , 2018 , 475, 1611-1634	3.8	135
489	The ER-alpha mutation Y537S confers Tamoxifen-resistance via enhanced mitochondrial metabolism, glycolysis and Rho-GDI/PTEN signaling: Implicating TIGAR in somatic resistance to endocrine therapy. <i>Aging</i> , 2018 , 10, 4000-4023	5.6	15
488	Mitochondrial fission as a driver of stemness in tumor cells: mDIV1 inhibits mitochondrial function, cell migration and cancer stem cell (CSC) signalling. <i>Oncotarget</i> , 2018 , 9, 13254-13275	3.3	53
487	Azithromycin and Roxithromycin define a new family of "senolytic" drugs that target senescent human fibroblasts. <i>Aging</i> , 2018 , 10, 3294-3307	5.6	53
486	Exploiting mitochondrial targeting signal(s), TPP and bis-TPP, for eradicating cancer stem cells (CSCs). <i>Aging</i> , 2018 , 10, 229-240	5.6	22
485	Matcha green tea (MGT) inhibits the propagation of cancer stem cells (CSCs), by targeting mitochondrial metabolism, glycolysis and multiple cell signalling pathways. <i>Aging</i> , 2018 , 10, 1867-1883	5.6	24
484	Doxycycline, an Inhibitor of Mitochondrial Biogenesis, Effectively Reduces Cancer Stem Cells (CSCs) in Early Breast Cancer Patients: A Clinical Pilot Study. <i>Frontiers in Oncology</i> , 2018 , 8, 452	5.3	71
483	A mitochondrial based oncology platform for targeting cancer stem cells (CSCs): MITO-ONC-RX. <i>Cell Cycle</i> , 2018 , 17, 2091-2100	4.7	36
482	Cancer metabolism: a therapeutic perspective. <i>Nature Reviews Clinical Oncology</i> , 2017 , 14, 11-31	19.4	659
481	Anti-CTLA-4 therapy for malignant mesothelioma. <i>Immunotherapy</i> , 2017 , 9, 273-280	3.8	15
480	Current and prospective pharmacotherapies for the treatment of pleural mesothelioma. <i>Expert Opinion on Orphan Drugs</i> , 2017 , 5, 455-465	1.1	7

479	Vitamin C and Doxycycline: A synthetic lethal combination therapy targeting metabolic flexibility in cancer stem cells (CSCs). <i>Oncotarget</i> , 2017 , 8, 67269-67286	3.3	54
478	NADH autofluorescence, a new metabolic biomarker for cancer stem cells: Identification of Vitamin C and CAPE as natural products targeting "stemness". <i>Oncotarget</i> , 2017 , 8, 20667-20678	3.3	44
477	GPB mediates the angiocrine actions induced by IGF1 through the HIF-1/VEGF pathway in the breast tumor microenvironment. <i>Breast Cancer Research</i> , 2017 , 19, 129	8.3	42
476	Mitochondrial markers predict recurrence, metastasis and tamoxifen-resistance in breast cancer patients: Early detection of treatment failure with companion diagnostics. <i>Oncotarget</i> , 2017 , 8, 68730-68745	3.3	44
475	Mitoriboscins: Mitochondrial-based therapeutics targeting cancer stem cells (CSCs), bacteria and pathogenic yeast. <i>Oncotarget</i> , 2017 , 8, 67457-67472	3.3	23
474	Mitochondrial "power" drives tamoxifen resistance: NQO1 and GCLC are new therapeutic targets in breast cancer. <i>Oncotarget</i> , 2017 , 8, 20309-20327	3.3	43
473	Targeting hypoxic cancer stem cells (CSCs) with Doxycycline: Implications for optimizing anti-angiogenic therapy. <i>Oncotarget</i> , 2017 , 8, 56126-56142	3.3	39
472	Targeting cancer stem cell propagation with palbociclib, a CDK4/6 inhibitor: Telomerase drives tumor cell heterogeneity. <i>Oncotarget</i> , 2017 , 8, 9868-9884	3.3	35
471	Hodgkin lymphoma: A complex metabolic ecosystem with glycolytic reprogramming of the tumor microenvironment. <i>Seminars in Oncology</i> , 2017 , 44, 218-225	5.5	25
470	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	5.5	30
469	ESPEN expert group recommendations for action against cancer-related malnutrition. <i>Clinical Nutrition</i> , 2017 , 36, 1187-1196	5.9	439
468	G Protein-Coupled Receptors at the Crossroad between Physiologic and Pathologic Angiogenesis: Old Paradigms and Emerging Concepts. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	21
467	A new mutation-independent approach to cancer therapy: Inhibiting oncogenic RAS and MYC, by targeting mitochondrial biogenesis. <i>Aging</i> , 2017 , 9, 2098-2116	5.6	12
466	Targeting flavin-containing enzymes eliminates cancer stem cells (CSCs), by inhibiting mitochondrial respiration: Vitamin B2 (Riboflavin) in cancer therapy. <i>Aging</i> , 2017 , 9, 2610-2628	5.6	32
465	Mitochondrial markers predict survival and progression in non-small cell lung cancer (NSCLC) patients: Use as companion diagnostics. <i>Oncotarget</i> , 2017 , 8, 68095-68107	3.3	17
464	Stromal cyclin D1 promotes heterotypic immune signaling and breast cancer growth. <i>Oncotarget</i> , 2017 , 8, 81754-81775	3.3	22
463	Mitochondrial biomarkers predict tumor progression and poor overall survival in gastric cancers: Companion diagnostics for personalized medicine. <i>Oncotarget</i> , 2017 , 8, 67117-67128	3.3	24
462	Mitochondrial mRNA transcripts predict overall survival, tumor recurrence and progression in serous ovarian cancer: Companion diagnostics for cancer therapy. <i>Oncotarget</i> , 2017 , 8, 66925-66939	3.3	7

461	Mitoketoscins: Novel mitochondrial inhibitors for targeting ketone metabolism in cancer stem cells (CSCs). <i>Oncotarget</i> , 2017 , 8, 78340-78350	3.3	22
460	v-Src Oncogene Induces Trop2 Proteolytic Activation via Cyclin D1. <i>Cancer Research</i> , 2016 , 76, 6723-6734	10.1	14
459	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	383
458	Homozygous T172T and Heterozygous G135C Variants of Homologous Recombination Repairing Protein RAD51 are Related to Sporadic Breast Cancer Susceptibility. <i>Biochemical Genetics</i> , 2016 , 54, 83-94	2.4	10
457	Cyclin D1 Promotes Androgen-Dependent DNA Damage Repair in Prostate Cancer Cells. <i>Cancer Research</i> , 2016 , 76, 329-38	10.1	24
456	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, 1593-607	5.6	83
455	Repurposing atovaquone: targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. <i>Oncotarget</i> , 2016 , 7, 34084-99	3.3	127
454	Cancer stem cell metabolism. <i>Breast Cancer Research</i> , 2016 , 18, 55	8.3	261
453	Metabolic reprogramming of bone marrow stromal cells by leukemic extracellular vesicles in acute lymphoblastic leukemia. <i>Blood</i> , 2016 , 128, 453-6	2.2	37
452	Caveolae and signalling in cancer. <i>Nature Reviews Cancer</i> , 2015 , 15, 225-37	31.3	135
451	The endogenous cell-fate factor dachshund restrains prostate epithelial cell migration via repression of cytokine secretion via a cxcl signaling module. <i>Cancer Research</i> , 2015 , 75, 1992-2004	10.1	23
450	Distinct cathepsins control necrotic cell death mediated by pyroptosis inducers and lysosome-destabilizing agents. <i>Cell Cycle</i> , 2015 , 14, 964-72	4.7	32
449	Metastasis and Oxidative Stress: Are Antioxidants a Metabolic Driver of Progression?. <i>Cell Metabolism</i> , 2015 , 22, 956-8	24.6	64
448	Loss of Sirt1 promotes prostatic intraepithelial neoplasia, reduces mitophagy, and delays PARK2 translocation to mitochondria. <i>American Journal of Pathology</i> , 2015 , 185, 266-79	5.8	42
447	Doxycycline and therapeutic targeting of the DNA damage response in cancer cells: old drug, new purpose. <i>Oncoscience</i> , 2015 , 2, 696-9	0.8	20
446	Graphene oxide selectively targets cancer stem cells, across multiple tumor types: implications for non-toxic cancer treatment, via "differentiation-based nano-therapy". <i>Oncotarget</i> , 2015 , 6, 3553-62	3.3	150
445	Monocytes and macrophages, implications for breast cancer migration and stem cell-like activity and treatment. <i>Oncotarget</i> , 2015 , 6, 14687-99	3.3	26
444	Caveolin-3 Promotes a Vascular Smooth Muscle Contractile Phenotype. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 27	5.4	7

443	Mitochondrial biogenesis is required for the anchorage-independent survival and propagation of stem-like cancer cells. <i>Oncotarget</i> , 2015 , 6, 14777-95	3.3	175
442	Antibiotics that target mitochondria effectively eradicate cancer stem cells, across multiple tumor types: treating cancer like an infectious disease. <i>Oncotarget</i> , 2015 , 6, 4569-84	3.3	309
441	Proteomic identification of prognostic tumour biomarkers, using chemotherapy-induced cancer-associated fibroblasts. <i>Aging</i> , 2015 , 7, 816-38	5.6	25
440	Doxycycline down-regulates DNA-PK and radiosensitizes tumor initiating cells: Implications for more effective radiation therapy. <i>Oncotarget</i> , 2015 , 6, 14005-25	3.3	76
439	High mitochondrial mass identifies a sub-population of stem-like cancer cells that are chemo-resistant. <i>Oncotarget</i> , 2015 , 6, 30472-86	3.3	131
438	Cigarette Smoke Promotes Cancer via Autophagy 2015 , 245-253		
437	Inhibition of the Prostaglandin Transporter PGT Lowers Blood Pressure in Hypertensive Rats and Mice. <i>PLoS ONE</i> , 2015 , 10, e0131735	3.7	7
436	Kinase-independent role of cyclin D1 in chromosomal instability and mammary tumorigenesis. <i>Oncotarget</i> , 2015 , 6, 8525-38	3.3	34
435	Targeting tumor-initiating cells: eliminating anabolic cancer stem cells with inhibitors of protein synthesis or by mimicking caloric restriction. <i>Oncotarget</i> , 2015 , 6, 4585-601	3.3	46
434	Chemotherapy induces the cancer-associated fibroblast phenotype, activating paracrine Hedgehog-Gli signalling in breast cancer cells. <i>Oncotarget</i> , 2015 , 6, 10728-45	3.3	68
433	Estrogen related receptor α (ERR α) a promising target for the therapy of adrenocortical carcinoma (ACC). <i>Oncotarget</i> , 2015 , 6, 25135-48	3.3	32
432	Dissecting tumor metabolic heterogeneity: Telomerase and large cell size metabolically define a sub-population of stem-like, mitochondrial-rich, cancer cells. <i>Oncotarget</i> , 2015 , 6, 21892-905	3.3	33
431	Mitochondrial mass, a new metabolic biomarker for stem-like cancer cells: Understanding WNT/FGF-driven anabolic signaling. <i>Oncotarget</i> , 2015 , 6, 30453-71	3.3	84
430	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	12.7	252
429	Identification of a cyclin D1 network in prostate cancer that antagonizes epithelial-mesenchymal restraint. <i>Cancer Research</i> , 2014 , 74, 508-19	10.1	36
428	Caveolin-1 regulates the anti-atherogenic properties of macrophages. <i>Cell and Tissue Research</i> , 2014 , 358, 821-31	4.2	10
427	Transmission FT-IR chemical imaging on glass substrates: applications in infrared spectral histopathology. <i>Analytical Chemistry</i> , 2014 , 86, 1648-53	7.8	42
426	Metabolic asymmetry in cancer: a "balancing act" that promotes tumor growth. <i>Cancer Cell</i> , 2014 , 26, 5-7	24.3	15

425	Cyclin D1 integrates estrogen-mediated DNA damage repair signaling. <i>Cancer Research</i> , 2014 , 74, 3959-70.	10.1	25
424	Tumor microenvironment and metabolic synergy in breast cancers: critical importance of mitochondrial fuels and function. <i>Seminars in Oncology</i> , 2014 , 41, 195-216	5.5	141
423	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, 580-99	4.7	42
422	CAPER, a novel regulator of human breast cancer progression. <i>Cell Cycle</i> , 2014 , 13, 1256-64	4.7	14
421	CCR5 receptor antagonists block metastasis to bone of v-Src oncogene-transformed metastatic prostate cancer cell lines. <i>Cancer Research</i> , 2014 , 74, 7103-14	10.1	46
420	Cell fate factor DACH1 represses YB-1-mediated oncogenic transcription and translation. <i>Cancer Research</i> , 2014 , 74, 829-39	10.1	53
419	Endothelial caveolin-1 plays a major role in the development of atherosclerosis. <i>Cell and Tissue Research</i> , 2014 , 356, 147-57	4.2	40
418	17 β -estradiol regulates giant vesicle formation via estrogen receptor-alpha in human breast cancer cells. <i>Oncotarget</i> , 2014 , 5, 3055-65	3.3	19
417	Co-ordination of cell cycle, migration and stem cell-like activity in breast cancer. <i>Oncotarget</i> , 2014 , 5, 7833-42	3.3	13
416	Mitochondria as new therapeutic targets for eradicating cancer stem cells: Quantitative proteomics and functional validation via MCT1/2 inhibition. <i>Oncotarget</i> , 2014 , 5, 11029-37	3.3	142
415	Loss of caveolin-1 in prostate cancer stroma correlates with reduced relapse-free survival and is functionally relevant to tumour progression. <i>Journal of Pathology</i> , 2013 , 231, 77-87	9.4	77
414	Identification of a functional prostanoid-like receptor in the protozoan parasite, <i>Trypanosoma cruzi</i> . <i>Parasitology Research</i> , 2013 , 112, 1417-25	2.4	8
413	Scavenger receptor class B type I regulates cellular cholesterol metabolism and cell signaling associated with breast cancer development. <i>Breast Cancer Research</i> , 2013 , 15, R87	8.3	93
412	Cyclin D1 determines estrogen signaling in the mammary gland in vivo. <i>Molecular Endocrinology</i> , 2013 , 27, 1415-28		54
411	Cav1 suppresses tumor growth and metastasis in a murine model of cutaneous SCC through modulation of MAPK/AP-1 activation. <i>American Journal of Pathology</i> , 2013 , 182, 992-1004	5.8	23
410	Alterations in glucose homeostasis in a murine model of Chagas disease. <i>American Journal of Pathology</i> , 2013 , 182, 886-94	5.8	25
409	Imaging of small-animal models of infectious diseases. <i>American Journal of Pathology</i> , 2013 , 182, 296-304.	3.8	16
408	Novel oncogene-induced metastatic prostate cancer cell lines define human prostate cancer progression signatures. <i>Cancer Research</i> , 2013 , 73, 978-89	10.1	20

407	Reverse Warburg effect in a patient with aggressive B-cell lymphoma: is lactic acidosis a paraneoplastic syndrome?. <i>Seminars in Oncology</i> , 2013 , 40, 403-18	5.5	35
406	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, 480-90	4.7	23
405	Caveolin-1 deficiency induces spontaneous endothelial-to-mesenchymal transition in murine pulmonary endothelial cells in vitro. <i>American Journal of Pathology</i> , 2013 , 182, 325-31	5.8	43
404	Cancer metabolism, stemness and tumor recurrence: MCT1 and MCT4 are functional biomarkers of metabolic symbiosis in head and neck cancer. <i>Cell Cycle</i> , 2013 , 12, 1371-84	4.7	159
403	Caloric restriction augments radiation efficacy in breast cancer. <i>Cell Cycle</i> , 2013 , 12, 1955-63	4.7	65
402	Nutrient restriction and radiation therapy for cancer treatment: when less is more. <i>Oncologist</i> , 2013 , 18, 97-103	5.7	35
401	Cigarette smoke metabolically promotes cancer, via autophagy and premature aging in the host stromal microenvironment. <i>Cell Cycle</i> , 2013 , 12, 818-25	4.7	42
400	Caveolin-1 is a negative regulator of tumor growth in glioblastoma and modulates chemosensitivity to temozolomide. <i>Cell Cycle</i> , 2013 , 12, 1510-20	4.7	41
399	Inhibition of nuclear factor-erythroid 2-related factor (Nrf2) by caveolin-1 promotes stress-induced premature senescence. <i>Molecular Biology of the Cell</i> , 2013 , 24, 1852-62	3.5	84
398	Dachshund binds p53 to block the growth of lung adenocarcinoma cells. <i>Cancer Research</i> , 2013 , 73, 3262-74	4.7	49
397	Role of lysosome rupture in controlling Nlrp3 signaling and necrotic cell death. <i>Cell Cycle</i> , 2013 , 12, 1868-78	4.7	90
396	Ethanol exposure induces the cancer-associated fibroblast phenotype and lethal tumor metabolism: implications for breast cancer prevention. <i>Cell Cycle</i> , 2013 , 12, 289-301	4.7	39
395	Ablation of calcineurin A α reveals hyperlipidemia and signaling cross-talks with phosphodiesterases. <i>Journal of Biological Chemistry</i> , 2013 , 288, 3477-88	5.4	12
394	Genetic ablation of caveolin-2 sensitizes mice to bleomycin-induced injury. <i>Cell Cycle</i> , 2013 , 12, 2248-54	4.7	9
393	Carbonic anhydrase 9 (CA9) and redox signaling in cancer-associated fibroblasts: therapeutic implications. <i>Cell Cycle</i> , 2013 , 12, 2534-5	4.7	2
392	Stromal glycolysis and MCT4 are hallmarks of DCIS progression to invasive breast cancer. <i>Cell Cycle</i> , 2013 , 12, 2935-6	4.7	11
391	Compartment-specific activation of PPAR γ governs breast cancer tumor growth, via metabolic reprogramming and symbiosis. <i>Cell Cycle</i> , 2013 , 12, 1360-70	4.7	23
390	Oncogenes and inflammation rewire host energy metabolism in the tumor microenvironment: RAS and NFB target stromal MCT4. <i>Cell Cycle</i> , 2013 , 12, 2580-97	4.7	65

389	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, 2723-32	4.7	90
388	Mitochondrial dysfunction in breast cancer cells prevents tumor growth: understanding chemoprevention with metformin. <i>Cell Cycle</i> , 2013 , 12, 172-82	4.7	64
387	Bortezomib (PS-341) treatment decreases inflammation and partially rescues the expression of the dystrophin-glycoprotein complex in GRMD dogs. <i>PLoS ONE</i> , 2013 , 8, e61367	3.7	29
386	Glutamine supplementation alleviates vasculopathy and corrects metabolic profile in an in vivo model of endothelial cell dysfunction. <i>PLoS ONE</i> , 2013 , 8, e65458	3.7	18
385	Acetylation of the cell-fate factor dachshund determines p53 binding and signaling modules in breast cancer. <i>Oncotarget</i> , 2013 , 4, 923-35	3.3	24
384	Cancer metabolism: new validated targets for drug discovery. <i>Oncotarget</i> , 2013 , 4, 1309-16	3.3	40
383	Cav1 inhibits benign skin tumor development in a two-stage carcinogenesis model by suppressing epidermal proliferation. <i>American Journal of Translational Research (discontinued)</i> , 2013 , 5, 80-91	3	6
382	Mechanisms of <i>Trypanosoma cruzi</i> persistence in Chagas disease. <i>Cellular Microbiology</i> , 2012 , 14, 634-43	3.9	106
381	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, 4390-401	4.7	118
380	Atherosclerosis, caveolae and caveolin-1. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 729, 127-46	4.6	32
379	Ketone bodies and two-compartment tumor metabolism: stromal ketone production fuels mitochondrial biogenesis in epithelial cancer cells. <i>Cell Cycle</i> , 2012 , 11, 3956-63	4.7	89
378	Warburg meets autophagy: cancer-associated fibroblasts accelerate tumor growth and metastasis via oxidative stress, mitophagy, and aerobic glycolysis. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 1264-84	8.4	222
377	Using the "reverse Warburg effect" to identify high-risk breast cancer patients: stromal MCT4 predicts poor clinical outcome in triple-negative breast cancers. <i>Cell Cycle</i> , 2012 , 11, 1108-17	4.7	191
376	Decorin antagonizes the angiogenic network: concurrent inhibition of Met, hypoxia inducible factor 1 β , vascular endothelial growth factor A, and induction of thrombospondin-1 and TIMP3. <i>Journal of Biological Chemistry</i> , 2012 , 287, 5492-506	5.4	130
375	Chagas heart disease: report on recent developments. <i>Cardiology in Review</i> , 2012 , 20, 53-65	3.2	64
374	Metabolic reprogramming of cancer-associated fibroblasts by TGF- β drives tumor growth: connecting TGF- β signaling with "Warburg-like" cancer metabolism and L-lactate production. <i>Cell Cycle</i> , 2012 , 11, 3019-35	4.7	194
373	Caveolin-1 and accelerated host aging in the breast tumor microenvironment: chemoprevention with rapamycin, an mTOR inhibitor and anti-aging drug. <i>American Journal of Pathology</i> , 2012 , 181, 278-93	5.8	90
372	Power surge: supporting cells "fuel" cancer cell mitochondria. <i>Cell Metabolism</i> , 2012 , 15, 4-5	24.6	115

371	Response of adipose tissue to early infection with <i>Trypanosoma cruzi</i> (Brazil strain). <i>Journal of Infectious Diseases</i> , 2012 , 205, 830-40	7	52
370	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544.2	4.2	2783
369	Caveolin-1 and breast cancer: a new clinical perspective. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 729, 83-94	3.6	19
368	Estrogen receptor beta (ER β) produces autophagy and necroptosis in human seminoma cell line through the binding of the Sp1 on the phosphatase and tensin homolog deleted from chromosome 10 (PTEN) promoter gene. <i>Cell Cycle</i> , 2012 , 11, 2911-21	4.7	52
367	Large oncosomes in human prostate cancer tissues and in the circulation of mice with metastatic disease. <i>American Journal of Pathology</i> , 2012 , 181, 1573-84	5.8	249
366	Cerebral malaria: we have come a long way. <i>American Journal of Pathology</i> , 2012 , 181, 1484-92	5.8	61
365	Cancer stem cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012 , 44, 2144-51	5.6	349
364	The milk protein κ -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, 3972-82	4.7	23
363	Mitochondrial metabolism in cancer metastasis: visualizing tumor cell mitochondria and the "reverse Warburg effect" in positive lymph node tissue. <i>Cell Cycle</i> , 2012 , 11, 1445-54	4.7	139
362	Mitochondrial biogenesis in epithelial cancer cells promotes breast cancer tumor growth and confers autophagy resistance. <i>Cell Cycle</i> , 2012 , 11, 4174-80	4.7	88
361	Downregulation of stromal BRCA1 drives breast cancer tumor growth via upregulation of HIF-1 α autophagy and ketone body production. <i>Cell Cycle</i> , 2012 , 11, 4167-73	4.7	32
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