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Antibiotics that target mitochondria effectively eradicate cancer stem cells, across multiple tumor types: treating cancer like an infectious disease

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#	Paper	IF	Citations
359	Downregulation of solute carriers of glutamate in gliosomes and synaptosomes may explain local brain metastasis in anaplastic glioblastoma. 2015 , 67, 306-11		5
358	Repurposing the anti-malarial drug artesunate as a novel therapeutic agent for metastatic renal cell carcinoma due to its attenuation of tumor growth, metastasis, and angiogenesis. <i>Oncotarget</i> , 2015 , 6, 33046-64	3.3	54
357	Doxycycline and therapeutic targeting of the DNA damage response in cancer cells: old drug, new purpose. 2015 , 2, 696-9		20
356	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
355	Mitochondrial dysfunction in breast cancer. 2015 , 137		0
354	Studies on antitumor activity spectrum of doxycycline. 2015 , 6,		3
353	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
352	Editorial: the changing faces of glutathione, a cellular protagonist. 2015 , 6, 98		22
351	Integration of Mitochondrial Targeting for Molecular Cancer Therapeutics. 2015 , 2015, 283145		18
350	Doxycycline reverses epithelial-to-mesenchymal transition and suppresses the proliferation and metastasis of lung cancer cells. <i>Oncotarget</i> , 2015 , 6, 40667-79	3.3	46
349	Inhibition of COP9-signalosome (CSN) deneddylating activity and tumor growth of diffuse large B-cell lymphomas by doxycycline. <i>Oncotarget</i> , 2015 , 6, 14796-813	3.3	34
348	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
347	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
346	Bioengineering and Cancer Stem Cell Concept. 2015 ,		7
345	Drug therapy: Can the mitochondrial adverse effects of antibiotics be exploited to target cancer metabolism?. 2015 , 12, 190		5
344	Therapeutic effects of antibiotic drug tigecycline against cervical squamous cell carcinoma by inhibiting Wnt/ β -catenin signaling. 2015 , 467, 14-20		43
343	Concise Review: Stem Cells in Pancreatic Cancer: From Concept to Translation. 2015 , 33, 2893-902		26

342	Tetracycline antibiotics impair mitochondrial function and its experimental use confounds research. 2015 , 75, 4446-9		70
341	Targeting hypoxic response for cancer therapy. <i>Oncotarget</i> , 2016 , 7, 13464-78	3-3	73
340	Down-regulation of oxidative phosphorylation in the liver by expression of the ATPase inhibitory factor 1 induces a tumor-promoter metabolic state. <i>Oncotarget</i> , 2016 , 7, 490-508	3-3	42
339	On metabolic reprogramming and tumor biology: A comprehensive survey of metabolism in breast cancer. <i>Oncotarget</i> , 2016 , 7, 67626-67649	3-3	32
338	Bedaquiline, an FDA-approved antibiotic, inhibits mitochondrial function and potently blocks the proliferative expansion of stem-like cancer cells (CSCs). 2016 , 8, 1593-607		83
337	Repurposing atovaquone: targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. <i>Oncotarget</i> , 2016 , 7, 34084-99	3-3	127
336	Repurposing the anti-malarial drug dihydroartemisinin suppresses metastasis of non-small-cell lung cancer via inhibiting NF- κ B/GLUT1 axis. <i>Oncotarget</i> , 2016 , 7, 87271-87283	3-3	38
335	Chloramphenicol Derivatives as Antibacterial and Anticancer Agents: Historic Problems and Current Solutions. 2016 , 5,		56
334	Stem cell technology in breast cancer: current status and potential applications. 2016 , 9, 17-29		8
333	The Antibiotic Drug Tigecycline: A Focus on its Promising Anticancer Properties. 2016 , 7, 473		18
332	Tigecycline targets nonsmall cell lung cancer through inhibition of mitochondrial function. 2016 , 30, 297-306		30
331	Eradicating Quiescent Tumor Cells by Targeting Mitochondrial Bioenergetics. 2016 , 2, 657-663		7
330	Cancer stem cell metabolism. 2016 , 18, 55		261
329	Antibiotic drug rifabutin is effective against lung cancer cells by targeting the eIF4E- β catenin axis. 2016 , 472, 299-305		13
328	Hallmarks of cancer stem cell metabolism. 2016 , 114, 1305-12		270
327	Antibacterial properties and mechanisms of gold-silver nanocages. 2016 , 8, 11143-52		73
326	Metformin: An anti-diabetic drug to fight cancer. 2016 , 113, 675-685		96
325	Tumour-like druggable gene expression pattern of CaCo2 cells in microfluidic chip. 2016 , 10, 215-220		18

324	Honokiol targets mitochondria to halt cancer progression and metastasis. 2016 , 60, 1383-95	32
323	Destabilization of mitochondrial functions as a target against breast cancer progression: Role of TPP(+)-linked-polyhydroxybenzoates. 2016 , 309, 2-14	18
322	Hepatocellular Carcinoma as a Paradigm for a Systemic Evolutionary Approach to Cancer. 2016 , 157-161	1
321	In Situ Strategy to Encapsulate Antibiotics in a Bioinspired CaCO ₃ Structure Enabling pH-Sensitive Drug Release Apt for Therapeutic and Imaging Applications. 2016 , 8, 22056-63	30
320	Niclosamide suppresses renal cell carcinoma by inhibiting Wnt/ β -catenin and inducing mitochondrial dysfunctions. 2016 , 5, 1436	26
319	Anthelmintic drug ivermectin inhibits angiogenesis, growth and survival of glioblastoma through inducing mitochondrial dysfunction and oxidative stress. 2016 , 480, 415-421	50
318	Antibiotic drug levofloxacin inhibits proliferation and induces apoptosis of lung cancer cells through inducing mitochondrial dysfunction and oxidative damage. 2016 , 84, 1137-1143	29
317	Leber Hereditary Optic Neuropathy: A Mitochondrial Disease Unique in Many Ways. 2017 , 240, 309-336	5
316	Doxycycline Protects Thymic Epithelial Cells from Mitomycin C-Mediated Apoptosis In Vitro via Trx2-NF- κ B-Bcl-2/Bax Axis. 2016 , 38, 449-60	7
315	A systemic evolutionary approach to cancer: Hepatocarcinogenesis as a paradigm. 2016 , 93, 132-7	8
314	Antibiotics inhibit sphere-forming ability in suspension culture. 2016 , 16, 6	11
313	Contribution of inorganic polyphosphate towards regulation of mitochondrial free calcium. 2016 , 1860, 1317-25	27
312	Structure and Function of the Mitochondrial Ribosome. 2016 , 85, 103-32	134
311	Dysregulated mitochondrial and chloroplast bioenergetics from a translational medical perspective (Review). 2016 , 37, 547-55	12
310	Antibiotic drug tigecycline reduces neuroblastoma cells proliferation by inhibiting Akt activation in vitro and in vivo. 2016 , 37, 7615-23	13
309	Repositioning of antibiotic levofloxacin as a mitochondrial biogenesis inhibitor to target breast cancer. 2016 , 471, 639-45	37
308	Cancer metabolism: a therapeutic perspective. 2017 , 14, 11-31	659
307	Antibiotic tigecycline enhances cisplatin activity against human hepatocellular carcinoma through inducing mitochondrial dysfunction and oxidative damage. 2017 , 483, 17-23	39

306	Anthelmintic drug niclosamide sensitizes the responsiveness of cervical cancer cells to paclitaxel via oxidative stress-mediated mTOR inhibition. 2017 , 484, 416-421	30
305	Macrolide antibiotics differentially influence human HepG2 cytotoxicity and modulate intrinsic/extrinsic apoptotic pathways in rat hepatocellular carcinoma model. 2017 , 390, 379-395	12
304	Metabolic Reprogramming in Cancer and Metabolic Theory of CSC. 2017 , 99-112	
303	Mitochondrial ribosomes in cancer. 2017 , 47, 67-81	81
302	Antibiotics induce mitonuclear protein imbalance but fail to inhibit respiration and nutrient activation in pancreatic β cells. 2017 , 357, 170-180	4
301	Inhibition of autophagy enhances the selective anti-cancer activity of tigecycline to overcome drug resistance in the treatment of chronic myeloid leukemia. 2017 , 36, 43	26
300	Doxycycline synergizes with doxorubicin to inhibit the proliferation of castration-resistant prostate cancer cells. 2017 , 49, 999-1007	12
299	Cancer/testis antigen SPATA19 is frequently expressed in benign prostatic hyperplasia and prostate cancer. 2017 , 125, 1092-1101	4
298	Sorption and desorption of glyphosate, MCPA and tetracycline and their mixtures in soil as influenced by phosphate. 2017 , 52, 887-895	9
297	Mitochondrial dysfunction and potential anticancer therapy. 2017 , 37, 1275-1298	24
296	Bioinformatic-assisted analysis of next-generation sequencing data for precision medicine in pancreatic cancer. 2017 , 11, 1413-1429	16
295	Azithromycin effectively inhibits tumor angiogenesis by suppressing vascular endothelial growth factor receptor 2-mediated signaling pathways in lung cancer. 2017 , 14, 89-96	14
294	Antibiotics-Induced Obesity: A Mitochondrial Perspective. 2017 , 20, 257-273	10
293	Doxycycline induces apoptosis via ER stress selectively to cells with a cancer stem cell-like properties: importance of stem cell plasticity. 2017 , 6, 397	22
292	Antibiotic anisomycin induces cell cycle arrest and apoptosis through inhibiting mitochondrial biogenesis in osteosarcoma. 2017 , 49, 437-443	12
291	4-Nerolidylcatechol: apoptosis by mitochondrial mechanisms with reduction in cyclin D1 at G0/G1 stage of the chronic myelogenous K562 cell line. 2017 , 55, 1899-1908	6
290	Inhibition of mitochondrial translation effectively sensitizes renal cell carcinoma to chemotherapy. 2017 , 490, 767-773	27
289	Derivatives of alkyl gallate triphenylphosphonium exhibit antitumor activity in a syngeneic murine model of mammary adenocarcinoma. 2017 , 329, 334-346	12

288	Infections and cancer: the "fifty shades of immunity" hypothesis. 2017 , 17, 257		37
287	Doxycycline inhibits the cancer stem cell phenotype and epithelial-to-mesenchymal transition in breast cancer. 2017 , 16, 737-745		52
286	Therapeutic effects of antibiotic drug mefloquine against cervical cancer through impairing mitochondrial function and inhibiting mTOR pathway. 2017 , 95, 43-50		18
285	Targeting cancer cells through antibiotics-induced mitochondrial dysfunction requires autophagy inhibition. 2017 , 384, 60-69		30
284	Stromal Modulators of TGF- β in Cancer. 2017 , 6,		96
283	Repurposing Established Compounds to Target Pancreatic Cancer Stem Cells (CSCs). 2017 , 5,		8
282	Mitochondrial dysfunction and prostate cancer racial disparities among American men. 2017 , 9, 154-164		5
281	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
280	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
279	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
278	Antibiotics May Trigger Mitochondrial Dysfunction Inducing Psychiatric Disorders. 2017 , 23, 101-106		18
277	Mitoriboscins: Mitochondrial-based therapeutics targeting cancer stem cells (CSCs), bacteria and pathogenic yeast. <i>Oncotarget</i> , 2017 , 8, 67457-67472	3-3	23
276	Respiratory status determines the effect of emodin on cell viability. <i>Oncotarget</i> , 2017 , 8, 37478-37490	3-3	6
275	Targeting hypoxic cancer stem cells (CSCs) with Doxycycline: Implications for optimizing anti-angiogenic therapy. <i>Oncotarget</i> , 2017 , 8, 56126-56142	3-3	39
274	Inhibitory effect of the anthelmintic drug pyrvinium pamoate on T315I BCR-ABL-positive CML cells. 2017 , 16, 9217-9223		3
273	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
272	A hypoxia-specific and mitochondria-targeted anticancer theranostic agent with high selectivity for cancer cells. 2018 , 6, 2413-2416		15
271	Therapeutic synergy between tigecycline and venetoclax in a preclinical model of / double-hit B cell lymphoma. 2018 , 10,		27

270	Targeting of stress response pathways in the prevention and treatment of cancer. 2018 , 36, 583-602	31
269	Mitocans: Mitochondrially Targeted Anti-cancer Drugs. 2018 , 613-635	4
268	Hierarchical Nanoassemblies-Assisted Combinational Delivery of Cytotoxic Protein and Antibiotic for Cancer Treatment. 2018 , 18, 2294-2303	55
267	The novel role of pyrvinium in cancer therapy. 2018 , 233, 2871-2881	35
266	Reactive Oxygen Species-Mediated Autophagy Defines the Fate of Cancer Stem Cells. 2018 , 28, 1066-1079	18
265	Stem Cells in Breast Development and Cancer. 2018 , 308-314.e2	2
264	Antibiotic bedaquiline effectively targets growth, survival and tumor angiogenesis of lung cancer through suppressing energy metabolism. 2018 , 495, 267-272	16
263	Antibiotic drug piperacillin induces neuron cell death through mitochondrial dysfunction and oxidative damage. 2018 , 96, 562-568	7
262	Hybrid nanofibers based on poly-caprolactone/gelatin/hydroxyapatite nanoparticles-loaded Doxycycline: Effective anti-tumoral and antibacterial activity. 2018 , 83, 25-34	57
261	Pancreatic cancer stem cells: Perspectives on potential therapeutic approaches of pancreatic ductal adenocarcinoma. 2018 , 10, 172-182	26
260	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. 2018 , 10, 4000-4023	15
259	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
258	Cancer stem cell metabolism: target for cancer therapy. 2018 , 51, 319-326	68
257	Exploiting mitochondrial targeting signal(s), TPP and bis-TPP, for eradicating cancer stem cells (CSCs). 2018 , 10, 229-240	22
256	Matcha green tea (MGT) inhibits the propagation of cancer stem cells (CSCs), by targeting mitochondrial metabolism, glycolysis and multiple cell signalling pathways. 2018 , 10, 1867-1883	24
255	Oxytetracycline have the therapeutic efficiency in CD133 HCC population through suppression CD133 expression by decreasing of protein stability of CD133. 2018 , 8, 16100	9
254	Doxycycline targets aldehyde dehydrogenase-positive breast cancer stem cells. 2018 , 39, 3041-3047	10
253	Doxycycline, an Inhibitor of Mitochondrial Biogenesis, Effectively Reduces Cancer Stem Cells (CSCs) in Early Breast Cancer Patients: A Clinical Pilot Study. 2018 , 8, 452	71

252	Inhibition of autophagy enhances the antitumour activity of tigecycline in multiple myeloma. 2018 , 22, 5955-5963	12
251	A mitochondrial based oncology platform for targeting cancer stem cells (CSCs): MITO-ONC-RX. 2018 , 17, 2091-2100	36
250	Mitochondria in cancer: in the aspects of tumorigenesis and targeted therapy. 2018 , 39, 1419-1430	40
249	Repurposing of Anthelmintics as Anticancer Drugs. 2018 , 3, 1-8	4
248	Marine natural products for multi-targeted cancer treatment: A future insight. 2018 , 105, 233-245	36
247	Breast cancer stem cells: Features, key drivers and treatment options. 2018 , 53, 59-74	80
246	The role of metabolism and tunneling nanotube-mediated intercellular mitochondria exchange in cancer drug resistance. 2018 , 475, 2305-2328	41
245	Cancer Stem Cell Metabolism and Potential Therapeutic Targets. 2018 , 8, 203	112
244	Elucidating the Metabolic Plasticity of Cancer: Mitochondrial Reprogramming and Hybrid Metabolic States. 2018 , 7,	104
243	Doxycycline Impairs Mitochondrial Function and Protects Human Glioma Cells from Hypoxia-Induced Cell Death: Implications of Using Tet-Inducible Systems. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6,3 17
242	Azithromycin enhances anticancer activity of TRAIL by inhibiting autophagy and up-regulating the protein levels of DR4/5 in colon cancer cells in vitro and in vivo. 2018 , 38, 43	24
241	Targeting mitochondria by anthelmintic drug atovaquone sensitizes renal cell carcinoma to chemotherapy and immunotherapy. 2018 , 32, e22195	14
240	Early effector maturation of naïve human CD8 T cells requires mitochondrial biogenesis. 2018 , 48, 1632-1643	14
239	EXD2: A new regulator of mitochondrial translation and potential target for cancer therapy. 2018 , 5, e1445943	
238	Tigecycline as a dual inhibitor of retinoblastoma and angiogenesis via inducing mitochondrial dysfunctions and oxidative damage. 2018 , 8, 11747	14
237	The anti-malarial atovaquone selectively increases chemosensitivity in retinoblastoma via mitochondrial dysfunction-dependent oxidative damage and Akt/AMPK/mTOR inhibition. 2018 , 504, 374-379	14
236	The Molecular Basis for Inhibition of Stemlike Cancer Cells by Salinomycin. 2018 , 4, 760-767	40
235	Mitostemness. 2018 , 17, 918-926	10

234	Biological Functions and Molecular Mechanisms of Antibiotic Tigecycline in the Treatment of Cancers. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
233	Beyond the unwinding: role of TOP1MT in mitochondrial translation. 2019 , 18, 2377-2384		7
232	Enforced lysosomal biogenesis rescues erythromycin- and clindamycin-induced mitochondria-mediated cell death in human cells. 2019 , 461, 23-36		6
231	Cellular and molecular biology of cancer stem cells in melanoma: Possible therapeutic implications. 2019 , 59, 221-235		27
230	A New Method for Ethical and Efficient Evidence Generation for Off-Label Medication Use in Oncology (A Case Study in Glioblastoma). 2019 , 10, 681		3
229	Incorporation of Chloramphenicol Loaded Hydroxyapatite Nanoparticles into Polylactide. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
228	Comparison between tumors in plants and human beings: Mechanisms of tumor development and therapy with secondary plant metabolites. 2019 , 64, 153081		14
227	An "olivomycin A" derivative from a sponge-associated sp. strain SP 85. 2019 , 9, 439		6
226	Inhibition of mitochondrial translation overcomes venetoclax resistance in AML through activation of the integrated stress response. 2019 , 11,		68
225	Targeting Mitochondria for Treatment of Chemoresistant Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	55
224	Chronic Exposure to Chewing Tobacco Induces Metabolic Reprogramming and Cancer Stem Cell-Like Properties in Esophageal Epithelial Cells. 2019 , 8,		13
223	Metastatic renal cell carcinoma cells growing in 3D on poly-D-lysine or laminin present a stem-like phenotype and drug resistance. 2019 , 42, 1878-1892		5
222	Doxycycline, Azithromycin and Vitamin C (DAV): A potent combination therapy for targeting mitochondria and eradicating cancer stem cells (CSCs). 2019 , 11, 2202-2216		36
221	Inhibition of mitochondrial respiration by tigecycline selectively targets thyroid carcinoma and increases chemosensitivity. 2019 , 46, 890-897		6
220	Active repurposing of drug candidates for melanoma based on GWAS, PheWAS and a wide range of omics data. 2019 , 25, 30		7
219	Evaluating the influence of common antibiotics on the efficacy of a recombinant immunotoxin in tissue culture. 2019 , 12, 293		3
218	Diabetes-mediated promotion of colon mucosa carcinogenesis is associated with mitochondrial dysfunction. 2019 , 13, 1887-1897		5
217	Mitochondrial Dynamics: Biogenesis, Fission, Fusion, and Mitophagy in the Regulation of Stem Cell Behaviors. 2019 , 2019, 9757201		49

216	Concentration-Dependent Dual Effects of Ciprofloxacin on SB-590885-Resistant BRAF A375 Melanoma Cells. 2019 , 32, 645-658	0
215	The adverse effect of gentamicin on cell metabolism in three cultured mammary cell lines: "Are cell culture data skewed?". 2019 , 14, e0214586	8
214	Microbiome-Microbial Metabolome-Cancer Cell Interactions in Breast Cancer-Familiar, but Unexplored. 2019 , 8,	63
213	Metabolism-Based Therapeutic Strategies Targeting Cancer Stem Cells. 2019 , 10, 203	75
212	Energy Metabolism and Metabolic Targeting of Neuroblastoma. 2019 , 113-132	
211	Elucidating cancer metabolic plasticity by coupling gene regulation with metabolic pathways. 2019 , 116, 3909-3918	138
210	Mitochondria-centric bioenergetic characteristics in cancer stem-like cells. 2019 , 42, 113-127	30
209	New Chloramphenicol Derivatives from the Viewpoint of Anticancer and Antimicrobial Activity. 2019 , 8,	3
208	A Novel Strategy of Dual Inhibition of Distinct Metabolic Features in Osteosarcoma. 2019 ,	
207	Targeting Breast Cancer Stem Cells: A Methodological Perspective. 2019 , 14, 389-397	3
206	Perioperative characteristics and management of liver transplantation for isolated methylmalonic acidemia-the largest experience in China. 2019 , 8, 470-479	7
205	Cisplatin-resistant A549 non-small cell lung cancer cells can be identified by increased mitochondrial mass and are sensitive to pemetrexed treatment. 2019 , 19, 317	8
204	Actinomycin D and Telmisartan Combination Targets Lung Cancer Stem Cells Through the Wnt/Beta Catenin Pathway. 2019 , 9, 18177	13
203	Inhibition of mitochondrial respiration overcomes hepatocellular carcinoma chemoresistance. 2019 , 508, 626-632	11
202	Targeting Cancer Stem Cell Redox Metabolism to Enhance Therapy Responses. 2019 , 29, 42-54	30
201	A medicinal chemistry perspective on salinomycin as a potent anticancer and anti-CSCs agent. 2019 , 164, 366-377	20
200	Different influences on mitochondrial function, oxidative stress and cytotoxicity of antibiotics on primary human neuron and cell lines. 2019 , 33, e22277	12
199	Targeting STAT3 and oxidative phosphorylation in oncogene-addicted tumors. 2019 , 25, 101073	60

198	Pharmacological targeting of mitochondria in cancer stem cells: An ancient organelle at the crossroad of novel anti-cancer therapies. 2019 , 139, 298-313		40
197	Mitochondria as playmakers of apoptosis, autophagy and senescence. 2020 , 98, 139-153		121
196	From old to new - Repurposing drugs to target mitochondrial energy metabolism in cancer. 2020 , 98, 211-223		10
195	Hallmarks of ribosomopathies. 2020 , 48, 1013-1028		50
194	Nanoparticles for multimodal antivasular therapeutics: Dual drug release, photothermal and photodynamic therapy. 2020 , 101, 459-468		34
193	Mitochondrial Dysfunction at the Center of Cancer Therapy. 2020 , 32, 309-330		29
192	A genome-wide analysis of targets of macrolide antibiotics in mammalian cells. 2020 , 295, 2057-2067		5
191	Anticancer innovative therapy: Highlights from the ninth annual meeting. 2020 , 51, 1-9		
190	Targeting Mitochondria in Melanoma. <i>Biomolecules</i> , 2020 , 10,	5.9	14
189	The Metabolic Heterogeneity and Flexibility of Cancer Stem Cells. <i>Cancers</i> , 2020 , 12,	6.6	13
188	Carbon ion combined with tigecycline inhibits lung cancer cell proliferation by inducing mitochondrial dysfunction. 2020 , 263, 118586		5
187	Repositioning of Anthelmintic Drugs for the Treatment of Cancers of the Digestive System. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	15
186	Antibiotic use and the risk of breast cancer: A systematic review and dose-response meta-analysis. 2020 , 160, 105072		6
185	Medicinal Chemistry Targeting Mitochondria: From New Vehicles and Pharmacophore Groups to Old Drugs with Mitochondrial Activity. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	6
184	Resistance and Overcoming Resistance in Breast Cancer. 2020 , 12, 211-229		19
183	A Multi-Objective Approach for Anti-Osteosarcoma Cancer Agents Discovery through Drug Repurposing. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	4
182	Profound Reprogramming towards Stemness in Pancreatic Cancer Cells as Adaptation to AKT Inhibition. <i>Cancers</i> , 2020 , 12,	6.6	7
181	Role of Mitochondria in Cancer Stem Cell Resistance. 2020 , 9,		30

180	Synthesis and Antitumor Activity of Doxycycline Polymeric Nanoparticles: Effect on Tumor Apoptosis in Solid Ehrlich Carcinoma. 2020 , 25,	9
179	Metabolic implication of tigecycline as an efficacious second-line treatment for sorafenib-resistant hepatocellular carcinoma. 2020 , 34, 11860-11882	4
178	Pyruvium Pamoate Induces Death of Triple-Negative Breast Cancer Stem-Like Cells and Reduces Metastases through Effects on Lipid Anabolism. 2020 , 80, 4087-4102	13
177	A CRISPR-Cas9 screen identifies mitochondrial translation as an essential process in latent KSHV infection of human endothelial cells. 2020 , 117, 28384-28392	3
176	Co-targeting of lysosome and mitophagy in cancer stem cells with chloroquine analogues and antibiotics. 2020 , 24, 11667-11679	7
175	A Myristoyl Amide Derivative of Doxycycline Potently Targets Cancer Stem Cells (CSCs) and Prevents Spontaneous Metastasis, Without Retaining Antibiotic Activity. 2020 , 10, 1528	5
174	Mitochondrial Fission Factor (MFF) Inhibits Mitochondrial Metabolism and Reduces Breast Cancer Stem Cell (CSC) Activity. 2020 , 10, 1776	13
173	Perimitochondrial Enzymatic Self-Assembly for Selective Targeting the Mitochondria of Cancer Cells. 2020 , 14, 6947-6955	27
172	Recent Advances in Cancer Plasticity: Cellular Mechanisms, Surveillance Strategies, and Therapeutic Optimization. 2020 , 10, 569	13
171	Bacterial infection and non-Hodgkin's lymphoma. 2020 , 46, 270-287	10
170	Mitochondrial cross-compartmental signalling to maintain proteostasis and longevity. 2020 , 375, 20190414	3
169	Metabolic Escape Routes of Cancer Stem Cells and Therapeutic Opportunities. <i>Cancers</i> , 2020 , 12, 6.6	11
168	Understanding Breast cancer: from conventional therapies to repurposed drugs. 2020 , 151, 105401	9
167	Mitochondria as target to inhibit proliferation and induce apoptosis of cancer cells: the effects of doxycycline and gemcitabine. 2020 , 10, 4363	31
166	Targeting the Human 80S Ribosome in Cancer: From Structure to Function and Drug Design for Innovative Adjuvant Therapeutic Strategies. 2020 , 9,	16
165	Antibiotic tigecycline inhibits cell proliferation, migration and invasion via down-regulating CCNE2 in pancreatic ductal adenocarcinoma. 2020 , 24, 4245-4260	10
164	Single-crystal structure and intracellular localization of Zn(II)-thiosemicarbazone complex targeting mitochondrial apoptosis pathways. 2020 , 30, 127340	4
163	Crosstalk between autophagy and metabolic regulation of cancer stem cells. 2020 , 19, 27	42

162	Targeting the CK1 γ /CBX4 axis for metastasis in osteosarcoma. <i>Nature Communications</i> , 2020 , 11, 1141	17.4	34
161	Modulation of dysregulated cancer metabolism by plant secondary metabolites: A mechanistic review. 2020 ,		28
160	Drug Repurposing Patent Applications April-June 2019. 2020 , 18, 148-153		
159	Complex Mitochondrial Dysfunction Induced by TPP-Gentisic Acid and Mitochondrial Translation Inhibition by Doxycycline Evokes Synergistic Lethality in Breast Cancer Cells. 2020 , 9,		17
158	Plasticity of Cancer Stem Cell: Origin and Role in Disease Progression and Therapy Resistance. 2020 , 16, 397-412		30
157	Repurposing of drugs: An attractive pharmacological strategy for cancer therapeutics. 2021 , 68, 258-278		40
156	Mitochondrial rewiring through mitophagy and mitochondrial biogenesis in cancer stem cells: A potential target for anti-CSC cancer therapy. 2021 , 498, 217-228		13
155	Cancer cell metabolism: Rewiring the mitochondrial hub. 2021 , 1867, 166016		10
154	Ribosome-Targeting Antibiotics Impair T Cell Effector Function and Ameliorate Autoimmunity by Blocking Mitochondrial Protein Synthesis. 2021 , 54, 68-83.e6		25
153	Supramolecular engineering of polymeric nanodrugs for antitumor chemotherapy. 2021 , 416, 127968		2
152	Current progress and future perspectives of polypharmacology : From the view of non-small cell lung cancer. 2021 , 68, 84-91		14
151	Cancer as an infectious disease: A different treatment alternative using a combination of tigecycline and pyrvinium pamoate - An example of breast cancer. 2021 ,		1
150	Repurposing of Drug Candidates for Treatment of Skin Cancer. 2020 , 10, 605714		4
149	Cytotoxic Activity of Isoniazid Derivative in Human Breast Cancer Cells. 2021 , 35, 2675-2685		0
148	Cancer and Vascular Differentiation. 2021 , 309-329		1
147	Therapeutic Status and Available Strategies in Pancreatic Ductal Adenocarcinoma. 2021 , 9,		3
146	Pyrvinium pamoate inhibits cell proliferation through ROS-mediated AKT-dependent signaling pathway in colorectal cancer. 2021 , 38, 21		0
145	MicroRNA-383 promotes reactive oxygen species-induced autophagy via downregulating peroxiredoxin 3 in human glioma U87 cells. 2021 , 21, 439		3

144	Advances in Multiple Stimuli-Responsive Drug-Delivery Systems for Cancer Therapy. 2021 , 16, 1525-1551		18
143	Drug Repurposing Opportunities in Pancreatic Ductal Adenocarcinoma. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	2
142	Roles Played by YY1 in Embryonic, Adult and Cancer Stem Cells. 2021 , 17, 1590-1606		2
141	Assessment of azithromycin as an anticancer agent for treatment of imatinib sensitive and resistant CML cells. 2021 , 102, 106523		2
140	Dysregulation of mitophagy and mitochondrial homeostasis in cancer stem cells: Novel mechanism for anti-cancer stem cell-targeted cancer therapy. 2021 ,		4
139	Impact of Mitochondrial Targeting Antibiotics on Mitochondrial Function and Proliferation of Cancer Cells. 2021 , 12, 579-584		2
138	Pancreatic Cancer and Therapy: Role and Regulation of Cancer Stem Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
137	The role of the microbiome in ovarian cancer: mechanistic insights into oncobiogenesis and to bacterial metabolite signaling. 2021 , 27, 33		10
136	Chemotherapy-induced CDA expression renders resistant non-small cell lung cancer cells sensitive to 5'-deoxy-5-fluorocytidine (5'-DFCR). 2021 , 40, 138		1
135	An Alternative Pipeline for Glioblastoma Therapeutics: A Systematic Review of Drug Repurposing in Glioblastoma. <i>Cancers</i> , 2021 , 13,	6.6	2
134	Inhibition of mitochondrial translation suppresses glioblastoma stem cell growth. 2021 , 35, 109024		12
133	Nanotechnologies for Intracellular Protein Delivery: Recent Progress in Inorganic and Organic Nanocarriers. 2021 , 4, 2100009		5
132	An Experimental Liver Metastasis Mouse Model Suitable for Short and Long-Term Intravital Imaging. 2021 , 1, e116		1
131	Bedaquiline, an FDA-approved drug, inhibits mitochondrial ATP production and metastasis in vivo, by targeting the gamma subunit (ATP5F1C) of the ATP synthase. 2021 , 28, 2797-2817		7
130	Application of machine learning to large in vitro databases to identify drug-cancer cell interactions: azithromycin and KLK6 mutation status. 2021 , 40, 3766-3770		5
129	Gastric Cancer Stem Cells: A Glimpse on Metabolic Reprogramming. 2021 , 11, 698394		7
128	Supramolecular PEGylation of camptothecin for cancer therapy. 2021 , 14, 100115		2
127	Repurposing of Antimicrobial Agents for Cancer Therapy: What Do We Know?. <i>Cancers</i> , 2021 , 13,	6.6	4

126	Anticancer innovative therapy congress: Highlights from the 10th anniversary edition. 2021 , 59, 1-8		2
125	GATA3 induces mitochondrial biogenesis in primary human CD4 T cells during DNA damage. <i>Nature Communications</i> , 2021 , 12, 3379	17.4	3
124	Mitochondria and Antibiotics: For Good or for Evil?. <i>Biomolecules</i> , 2021 , 11,	5.9	5
123	The Human Melanoma Proteome Atlas-Complementing the melanoma transcriptome. 2021 , 11, e451		5
122	Selectively targeting cancer stem cells: Current and novel therapeutic strategies and approaches in the effective eradication of cancer. 2021 , 73, 1045-1059		0
121	Potential Therapies Targeting Metabolic Pathways in Cancer Stem Cells. 2021 , 10,		2
120	Atovaquone at clinically relevant concentration overcomes chemoresistance in ovarian cancer via inhibiting mitochondrial respiration. 2021 , 224, 153529		1
119	Mitochondria: The metabolic switch of cellular oncogenic transformation. 2021 , 1876, 188534		9
118	Broad-Spectrum Antibiotic Use and Disease Progression in Early-Stage Melanoma Patients: A Retrospective Cohort Study. <i>Cancers</i> , 2021 , 13,	6.6	1
117	Drug Repurposing, an Attractive Strategy in Pancreatic Cancer Treatment: Preclinical and Clinical Updates. <i>Cancers</i> , 2021 , 13,	6.6	5
116	Nanoparticle-Mediated Routing of Antibiotics into Mitochondria in Cancer Cells.. 2021 , 4, 6799-6806		1
115	The multifaceted roles of mitochondria at the crossroads of cell life and death in cancer. 2021 , 176, 203-221		7
114	Chloramphenicol loaded polylactide melt electrospun scaffolds for biomedical applications. 2021 , 606, 120897		0
113	Doxycycline Significantly Enhances Induction of Induced Pluripotent Stem Cells to Endoderm by Enhancing Survival Through Protein Kinase B Phosphorylation. 2021 , 74, 2102-2117		1
112	Exploring the cytotoxicity and anticancer effects of doxycycline and azithromycin on human glioblastoma multiforme cells. 2021 , 1-10		
111	Recent advances in molecular mechanisms of anticancer natural products that target mitochondrial bioenergetics. 2021 , 71, 1-43		2
110	Selective toxicity of antibacterial agents-still a valid concept or do we miss chances and ignore risks?. 2021 , 49, 29-56		6
109	Ribosome-targeting antibiotics impair T cell effector function and ameliorate autoimmunity by blocking mitochondrial protein synthesis.		2

108	Induction of Mitochondrial Dysfunction and Oxidative Damage by Antibiotic Drug Doxycycline Enhances the Responsiveness of Glioblastoma to Chemotherapy. 2017 , 23, 4117-4125		14
107	Temozolomide-induced increase of tumorigenicity can be diminished by targeting of mitochondria in in vitro models of patient individual glioblastoma. 2018 , 13, e0191511		14
106	Targeting flavin-containing enzymes eliminates cancer stem cells (CSCs), by inhibiting mitochondrial respiration: Vitamin B2 (Riboflavin) in cancer therapy. 2017 , 9, 2610-2628		32
105	Mitochondrial and ribosomal biogenesis are new hallmarks of stemness, oncometabolism and biomass accumulation in cancer: Mito-stemness and ribo-stemness features. 2019 , 11, 4801-4835		7
104	First-in-class candidate therapeutics that target mitochondria and effectively prevent cancer cell metastasis: mitoriboscins and TPP compounds. 2020 , 12, 10162-10179		10
103	Multi-focal control of mitochondrial gene expression by oncogenic MYC provides potential therapeutic targets in cancer. <i>Oncotarget</i> , 2016 , 7, 72395-72414	3-3	19
102	The mitochondrial translation machinery as a therapeutic target in Myc-driven lymphomas. <i>Oncotarget</i> , 2016 , 7, 72415-72430	3-3	35
101	Doxycycline is an NF- κ B inhibitor that induces apoptotic cell death in malignant T-cells. <i>Oncotarget</i> , 2016 , 7, 75954-75967	3-3	28
100	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
99	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
98	Pro-apoptotic effect of doxycycline and hydroxychloroquine on B-cell lymphoma induced by. <i>Oncotarget</i> , 2018 , 9, 2726-2727	3-3	3
97	Undermining ribosomal RNA transcription in both the nucleolus and mitochondrion: an offbeat approach to target MYC-driven cancer. <i>Oncotarget</i> , 2018 , 9, 5016-5031	3-3	6
96	Valproic acid promotes radiosensitization in meningioma stem-like cells. <i>Oncotarget</i> , 2015 , 6, 9959-69	3-3	9
95	Anti-tumoral effect of desmethylclomipramine in lung cancer stem cells. <i>Oncotarget</i> , 2015 , 6, 16926-38	3-3	18
94	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
93	Pyruvium selectively targets blast phase-chronic myeloid leukemia through inhibition of mitochondrial respiration. <i>Oncotarget</i> , 2015 , 6, 33769-80	3-3	28
92	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
91	Antibiotic drug tigecycline inhibits melanoma progression and metastasis in a p21CIP1/Waf1-dependent manner. <i>Oncotarget</i> , 2016 , 7, 3171-85	3-3	25

90	Targeting glucosylceramide synthase upregulation reverts sorafenib resistance in experimental hepatocellular carcinoma. <i>Oncotarget</i> , 2016 , 7, 8253-67	3.3	32
89	Identification of drugs that restore primary cilium expression in cancer cells. <i>Oncotarget</i> , 2016 , 7, 9975-923	3.3	39
88	Differentiation inducing factor 3 mediates its anti-leukemic effect through ROS-dependent DRP1-mediated mitochondrial fission and induction of caspase-independent cell death. <i>Oncotarget</i> , 2016 , 7, 26120-36	3.3	11
87	Germline BRCA1 mutation reprograms breast epithelial cell metabolism towards mitochondrial-dependent biosynthesis: evidence for metformin-based "starvation" strategies in BRCA1 carriers. <i>Oncotarget</i> , 2016 , 7, 52974-52992	3.3	24
86	A novel anticancer agent SNG1153 inhibits growth of lung cancer stem/progenitor cells. <i>Oncotarget</i> , 2016 , 7, 45158-45170	3.3	3
85	Three-Dimensional Manufactured Supports for Breast Cancer Stem Cell Population Characterization. 2019 , 20, 839-851		3
84	Chemical Proteomic Approaches Targeting Cancer Stem Cells: A Review of Current Literature. 2017 , 14, 315-327		5
83	New drugs are not enough-drug repositioning in oncology: An update. 2020 , 56, 651-684		22
82	Kruppel-Like Factor 4 (KLF4) and its Regulation on Mitochondrial Homeostasis. 2018 , 8,		3
81	Cancer Therapy Using Antibiotics. 2015 , 06, 849-858		31
80	Cancer stem cell impact on clinical oncology. 2018 , 10, 183-195		29
79	Energy metabolism in cancer stem cells. 2020 , 12, 448-461		19
78	Leber's Hereditary Optic Neuropathy with Neurological Abnormalities. Case Report. 2021 , 18, 753-757		0
77	Inhibition of Mitochondrial Metabolism Leads to Selective Eradication of Cells Adapted to Acidic Microenvironment. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
76	High ATP Production Fuels Cancer Drug Resistance and Metastasis: Implications for Mitochondrial ATP Depletion Therapy. 2021 , 11, 740720		7
75	Mitochondrial Respiration of Cancer Stem Cell. 2015 , 89-95		
74	THE ROLE OF EPITHELIAL-MESENCHYMAL TRANSITION IN REGULATION OF SOLID TUMORS CANCER STEM CELLS CHARACTERISTICS. 2015 , 14, 3-8		2
73	GATA3 controls mitochondrial biogenesis in primary human CD4+T cells during DNA damage.		

72	Stories of drug repurposing for pancreatic cancer treatmentPast, present, and future. 2020 , 231-272		1
71	Evaluation of Doxycycline and Cyclophosphamide in Combination with Adjuvant Treatment in Early Breast Cancer Females: Role of Certain Biomarkers. 2020 , 13, 181-186		
70	Drug Repositioning Screen on a New Primary Cell Line Identifies Potent Therapeutics for Glioblastoma. 2020 , 14, 578316		0
69	Triphenylphosphonium derivatives disrupt metabolism and inhibit melanoma growth in vivo when delivered via a thermosensitive hydrogel. 2020 , 15, e0244540		3
68	Doxycycline Significantly Enhances Induction of iPSCs to Endoderm by Enhancing survival via AKT Phosphorylation.		
67	HUMAN PANCREATIC CANCER CELLS UNDERGO PROFOUND METABOLIC REPROGRAMMING TOWARDS CELLULAR STEMNESS AS ADAPTATION TO INHIBITION OF THE AKT PATHWAY.		1
66	Cancer Stem Cells: Metabolic Characterization for Targeted Cancer Therapy. 2021 , 11, 756888		4
65	Targeting the redox imbalance in mitochondria: A novel mode for cancer therapy. 2021 , 62, 50-73		2
64	Tumour-specific metabolic adaptation to acidosis is coupled to epigenetic stability in osteosarcoma cells. 2016 , 6, 859-75		17
63	Targeting mitochondrial respiration selectively sensitizes pediatric acute lymphoblastic leukemia cell lines and patient samples to standard chemotherapy. 2017 , 7, 2395-2405		22
62	The multitargeted drug ivermectin: from an antiparasitic agent to a repositioned cancer drug. 2018 , 8, 317-331		44
61	Comparison of the Gut Microbiota in Patients with Benign and Malignant Breast Tumors: A Pilot Study. 2021 , 17, 11769343211057573		3
60	Targeting Mitochondrial Protein Expression as a Future Approach for Cancer Therapy. 2021 , 11, 797265		0
59	Structure-based molecular insights into matrix metalloproteinase inhibitors in cancer treatments. <i>Future Medicinal Chemistry</i> , 2021 , 0	4.1	0
58	Therapeutic Effects of Azithromycin on Spinal Cord Injury in Male Wistar Rats: A Role for Inflammatory Pathways. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021 ,	1.1	1
57	An Observational Study on the Molecular Profiling of Primary Melanomas Reveals a Progression Dependence on Mitochondrial Activation. <i>Cancers</i> , 2021 , 13,	6.6	1
56	Medicated Scaffolds Prepared with Hydroxyapatite/Streptomycin Nanoparticles Encapsulated into Polylactide Microfibers.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
55	Cancer Stem Cell Oxidative Phosphorylation: Target for Cancer Therapy. 2022 , 1-17		

54	Effect of Antimicrobial Prophylaxis on <i>Corynebacterium bovis</i> Infection and the Skin Microbiome of Immunodeficient Mice.. <i>Comparative Medicine</i> , 2022 ,	1.6	0
53	Drug Repurposing Strategies for Non-Cancer to Cancer Therapeutics.. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022 ,	2.2	0
52	Phase II trial of cytarabine and mitoxantrone with devimistat in acute myeloid leukemia.. <i>Nature Communications</i> , 2022 , 13, 1673	17.4	0
51	Formulation and Characterization of Doxycycline-Loaded Polymeric Nanoparticles for Testing Antitumor/Antiangiogenic Action in Experimental Colon Cancer in Mice.. <i>Nanomaterials</i> , 2022 , 12,	5.4	1
50	Targeting cancer stem cells with antibiotics inducing mitochondrial dysfunction as an alternative anticancer therapy.. <i>Biochemical Pharmacology</i> , 2022 , 198, 114966	6	1
49	Drug Repurposing for Glioblastoma and Current Advances in Drug Delivery-A Comprehensive Review of the Literature.. <i>Biomolecules</i> , 2021 , 11,	5.9	2
48	Targeting Mitochondrial Metabolism and RNA Polymerase POLRMT to Overcome Multidrug Resistance in Cancer.. <i>Frontiers in Chemistry</i> , 2021 , 9, 775226	5	3
47	Data_Sheet_1.PDF. 2020 ,		
46	Image_1.tiff. 2020 ,		
45	Image_2.TIF. 2020 ,		
44	Table_4.DOCX. 2020 ,		
43	Image_1.tiff. 2018 ,		
42	Table_1.DOCX. 2018 ,		
41	Table_2.DOCX. 2018 ,		
40	Table_3.DOCX. 2018 ,		
39	Binding Sites of Anticancer Drugs on Human Serum Albumin (HSA): A Review.. <i>Protein and Peptide Letters</i> , 2022 ,	1.9	
38	Evolution of the murine gut resistome following broad-spectrum antibiotic treatment.. <i>Nature Communications</i> , 2022 , 13, 2296	17.4	0
37	SARS-CoV-2 and spp.: friend or foe? A systematic literature review.. <i>Journal of Medical Microbiology</i> , 2022 , 71,	3.2	0

36	Mitochondrial Side Effects of Surgical Prophylactic Antibiotics Ceftriaxone and Rifaximin Lead to Bowel Mucosal Damage.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	0
35	Associations Between Chronic Rhinosinusitis and Cancers: A Nationwide Population-Based Cohort Study.. <i>Laryngoscope</i> , 2022 ,	3.6	
34	UPR activation improves pathological alterations in cellular models of mitochondrial diseases.. <i>Orphanet Journal of Rare Diseases</i> , 2022 , 17, 204	4.2	1
33	Repurposing of Metabolic Drugs and Mitochondrial Modulators as an Emerging Class of Cancer Therapeutics with a Special Focus on Breast Cancer. <i>SSRN Electronic Journal</i> ,	1	
32	The Role of <i>KiSS1</i> Gene on the Tumor Growth and Migration of Prostate Cancer and the Underlying Molecular Mechanisms. <i>SSRN Electronic Journal</i> ,	1	
31	Synthesis and Evaluation of Some New 4H-Pyran Derivatives as Antioxidant, Antibacterial and Anti-HCT-116 Cells of CRC, with Molecular Docking, Antiproliferative, Apoptotic and ADME Investigations. <i>Pharmaceuticals</i> , 2022 , 15, 891	5.2	1
30	Anisomycin inhibits angiogenesis, growth, and survival of triple-negative breast cancer through mitochondrial dysfunction, AMPK activation, and mTOR inhibition. 2022 , 100, 612-620		0
29	Azithromycin and Ceftriaxone Differentially Activate NLRP3 in LPS Primed Cancer Cells. 2022 , 23, 9484		0
28	An N-heterocyclic carbene iridium(III) complex as a potent anti-cancer stem cell therapeutic. 2022 , 367, 110167		0
27	Repurposing of metabolic drugs and mitochondrial modulators as an emerging class of cancer therapeutics with a special focus on breast cancer. 2022 , 6, 100065		0
26	Cancer Stem Cell Oxidative Phosphorylation: Target for Cancer Therapy. 2022 , 2003-2019		0
25	Monensin synergizes with chemotherapy in uveal melanoma through suppressing RhoA. 1-8		1
24	Ribosome-Directed Therapies in Cancer. 2022 , 10, 2088		0
23	Assessment of the In Vitro Cytotoxic Profile of Two Broad-Spectrum Antibiotics—Tetracycline and Ampicillin—on Pharyngeal Carcinoma Cells. 2022 , 58, 1289		0
22	Antimicrobial drug use and the risk of glioma: A case-control study.		0
21	The role of KiSS1 gene on the growth and migration of prostate cancer and the underlying molecular mechanisms. 2022 , 121009		0
20	Mitochondrial dysfunction and impaired growth of glioblastoma cell lines caused by antimicrobial agents inducing ferroptosis under glucose starvation. 2022 , 11,		0
19	Mechanisms and Evidence on Pancreatic Cancer Prevention. 2022 , 299-316		0

- 18 Proteogenomic Characterization Reveals Therapeutic Opportunities Related to Mitochondrial Function in Melanoma. ○
- 17 The aminoglycoside streptomycin triggers ferroptosis in tumor initiating cells. ○
- 16 NEOPLASTIC DISEASE OF SMALL ANIMALS AND LATENT TUBERCULOSIS INFECTION. **2022**, 20-32 ○
- 15 Regulation of Metabolic Plasticity in Cancer Stem Cells and Implications in Cancer Therapy. **2022**, 14, 5912 ○
- 14 Pyrvinium Pamoate: Past, Present, and Future as an Anti-Cancer Drug. **2022**, 10, 3249 ○
- 13 Prolonged survival in patients with local chronic infection after high-grade glioma treatment: Two case reports. 12, ○
- 12 SOX2-high cancer cells exhibit an aggressive phenotype, with increases in stemness, proliferation and invasion, as well as higher metabolic activity and ATP production. ○
- 11 Magic bullets, magic shields, and antimicrobials in between. **2022**, 100002 ○
- 10 Targeting redox regulation and autophagy systems in cancer stem cells. ○
- 9 Dinactin: A New Antitumor Antibiotic with Cell Cycle Progression and Cancer Stemness Inhibiting Activities in Lung Cancer. **2022**, 11, 1845 ○
- 8 Doxycycline-Induced Changes in Circulating MMP or TIMP2 Levels Are Not Associated with Skeletal-Related Event-Free or Overall Survival in Patients with Bone Metastases from Breast Cancer. **2023**, 15, 571 ○
- 7 Mitochondrial Metabolism in Pancreatic Ductal Adenocarcinoma: From Mechanism-Based Perspectives to Therapy. **2023**, 15, 1070 ○
- 6 Targeting mitochondria as a potential therapeutic strategy against chemoresistance in cancer. **2023**, 160, 114398 ○
- 5 A metabolism targeting three-pronged attack significantly attenuates breast cancer stem cell related markers toward therapeutic application. **2023**, 161, 114496 ○
- 4 Unraveling the Peculiar Features of Mitochondrial Metabolism and Dynamics in Prostate Cancer. **2023**, 15, 1192 ○
- 3 The Female Reproductive Tract Microbiome and Cancerogenesis: A Review Story of Bacteria, Hormones, and Disease. **2023**, 13, 877 ○
- 2 In Vitro Synergistic Effects of Ciprofloxacin, Vitamin E, And Low Power Laser on Human Dermal Fibroblasts. **2022**, 16, 9-15 ○
- 1 Targeting ATP Synthase by Bedaquiline as a Therapeutic Strategy to Sensitize Ovarian Cancer to Cisplatin. 1-10 ○

