Marco Fiorillo

List of Publications by Year in Descending Order

31 papers	1,324 citations	20 h-index	31 g-index
31 ext. papers	1,638 ext. citations	5 avg, IF	4.59 L-index

#	Paper	IF	Citations
31	High ATP Production Fuels Cancer Drug Resistance and Metastasis: Implications for Mitochondrial ATP Depletion Therapy. *Frontiers in Oncology*, **2021**, 11, 740720	5.3	7
30	Bedaquiline, an FDA-approved drug, inhibits mitochondrial ATP production and metastasis in vivo, by targeting the gamma subunit (ATP5F1C) of the ATP synthase. *Cell Death and Differentiation*, **2021**, 28, 2797-2817	12.7	7
29	Deferiprone (DFP) Targets Cancer Stem Cell (CSC) Propagation by Inhibiting Mitochondrial Metabolism and Inducing ROS Production. *Cells*, **2020**, 9,	7.9	20
28	5-(Carbamoylmethylene)-oxazolidin-2-ones as a Promising Class of Heterocycles Inducing Apoptosis Triggered by Increased ROS Levels and Mitochondrial Dysfunction in Breast and Cervical Cancer. *Biomedicines*, **2020**, 8,	4.8	10
27	Cholesterol and Mevalonate: Two Metabolites Involved in Breast Cancer Progression and Drug Resistance through the ERR Pathway. *Cells*, **2020**, 9,	7.9	13
26	Mitochondrial Fission Factor (MFF) Inhibits Mitochondrial Metabolism and Reduces Breast Cancer Stem Cell (CSC) Activity. *Frontiers in Oncology*, **2020**, 10, 1776	5.3	13
25	Doxycycline, Azithromycin and Vitamin C (DAV): A potent combination therapy for targeting mitochondria and eradicating cancer stem cells (CSCs). *Aging*, **2019**, 11, 2202-2216	5.6	36
24	Hallmarks of the cancer cell of origin: Comparisons with "energetic" cancer stem cells (e-CSCs). *Aging*, **2019**, 11, 1065-1068	5.6	15
23	Thioalbamide, A Thioamidated Peptide from , Affects Tumor Growth and Stemness by Inducing Metabolic Dysfunction and Oxidative Stress. *Cells*, **2019**, 8,	7.9	23
22	FoxO3a as a Positive Prognostic Marker and a Therapeutic Target in Tamoxifen-Resistant Breast Cancer. *Cancers*, **2019**, 11,	6.6	11
21	"Energetic" Cancer Stem Cells (e-CSCs): A New Hyper-Metabolic and Proliferative Tumor Cell Phenotype, Driven by Mitochondrial Energy. *Frontiers in Oncology*, **2018**, 8, 677	5.3	37
20	Bergamot natural products eradicate cancer stem cells (CSCs) by targeting mevalonate, Rho-GDI-signalling and mitochondrial metabolism. *Biochimica Et Biophysica Acta - Bioenergetics*, **2018**, 1859, 984-996	4.6	45
19	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. *Aging*, **2018**, 10, 4000-4023	5.6	15
18	A mitochondrial based oncology platform for targeting cancer stem cells (CSCs): MITO-ONC-RX. *Cell Cycle*, **2018**, 17, 2091-2100	4.7	36
17	Mitochondrial markers predict recurrence, metastasis and tamoxifen-resistance in breast cancer patients: Early detection of treatment failure with companion diagnostics. *Oncotarget*, **2017**, 8, 68730-68745	3.3	44
16	Mitoriboscins: Mitochondrial-based therapeutics targeting cancer stem cells (CSCs), bacteria and pathogenic yeast. *Oncotarget*, **2017**, 8, 67457-67472	3.3	23
15	Mitochondrial "power" drives tamoxifen resistance: NQO1 and GCLC are new therapeutic targets in breast cancer. *Oncotarget*, **2017**, 8, 20309-20327	3.3	43

14	New insights about the structural rearrangements required for substrate translocation in the bovine mitochondrial oxoglutarate carrier. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2016**, 1864, 1473-80	4	10
13	Bergamot (Citrus bergamia Risso) Flavonoids and Their Potential Benefits in Human Hyperlipidemia and Atherosclerosis: an Overview. *Mini-Reviews in Medicinal Chemistry*, **2016**, 16, 619-29	3.2	33
12	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
11	Repurposing atovaquone: targeting mitochondrial complex III and OXPHOS to eradicate cancer stem cells. *Oncotarget*, **2016**, 7, 34084-99	3.3	127
10	Metabolic reprogramming of bone marrow stromal cells by leukemic extracellular vesicles in acute lymphoblastic leukemia. *Blood*, **2016**, 128, 453-6	2.2	37
9	Sericin/Poly(ethylcyanoacrylate) Nanospheres by Interfacial Polymerization for Enhanced Bioefficacy of Fenofibrate: In Vitro and In Vivo Studies. *Biomacromolecules*, **2015**, 16, 3126-33	6.9	21
8	Graphene oxide selectively targets cancer stem cells, across multiple tumor types: implications for non-toxic cancer treatment, via "differentiation-based nano-therapy". *Oncotarget*, **2015**, 6, 3553-62	3.3	150
7	Mitochondrial biogenesis is required for the anchorage-independent survival and propagation of stem-like cancer cells. *Oncotarget*, **2015**, 6, 14777-95	3.3	175
6	Doxycycline down-regulates DNA-PK and radiosensitizes tumor initiating cells: Implications for more effective radiation therapy. *Oncotarget*, **2015**, 6, 14005-25	3.3	76
5	Estrogen related receptor □(ERR)□a promising target for the therapy of adrenocortical carcinoma (ACC). *Oncotarget*, **2015**, 6, 25135-48	3.3	32
4	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
3	Enhanced cellular uptake by "pharmaceutically oriented devices" of new simplified analogs of Linezolid with antimicrobial activity. *International Journal of Pharmaceutics*, **2014**, 461, 163-70	6.5	11
2	Mass spectrometry-based proteomic approach in Oenococcus oeni enological starter. *Journal of Proteome Research*, **2014**, 13, 2856-66	5.6	42
1	Hypocholesterolaemic activity of 3-hydroxy-3-methyl-glutaryl flavanones enriched fraction from bergamot fruit (Citrus bergamia): □n vivo□tudies. *Journal of Functional Foods*, **2014**, 7, 558-568	5.1	45