

# Bela Ozsvari

## List of Publications by Citations

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36  
papers

1,828  
citations

22  
h-index

37  
g-index

37  
ext. papers

2,193  
ext. citations

5.1  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
36	Antibiotics that target mitochondria effectively eradicate cancer stem cells, across multiple tumor types: treating cancer like an infectious disease. <i>Oncotarget</i> , <b>2015</b> , 6, 4569-84	3.3	309
35	Chymotrypsin C (CTRC) variants that diminish activity or secretion are associated with chronic pancreatitis. <i>Nature Genetics</i> , <b>2008</b> , 40, 78-82	36.3	291
34	Mitochondrial biogenesis is required for the anchorage-independent survival and propagation of stem-like cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 14777-95	3.3	175
33	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> , <b>2015</b> , 6, 3553-62	3.3	150
32	Mitochondrial mass, a new metabolic biomarker for stem-like cancer cells: Understanding WNT/FGF-driven anabolic signaling. <i>Oncotarget</i> , <b>2015</b> , 6, 30453-71	3.3	84
31	Doxycycline down-regulates DNA-PK and radiosensitizes tumor initiating cells: Implications for more effective radiation therapy. <i>Oncotarget</i> , <b>2015</b> , 6, 14005-25	3.3	76
30	Kinetic analysis of the toxicity of pharmaceutical excipients Cremophor EL and RH40 on endothelial and epithelial cells. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 1173-81	3.9	73
29	Azithromycin and Roxithromycin define a new family of "senolytic" drugs that target senescent human fibroblasts. <i>Aging</i> , <b>2018</b> , 10, 3294-3307	5.6	53
28	Trypsin reduces pancreatic ductal bicarbonate secretion by inhibiting CFTR Cl <sup>-</sup> channels and luminal anion exchangers. <i>Gastroenterology</i> , <b>2011</b> , 141, 2228-2239.e6	13.3	50
27	Targeting tumor-initiating cells: eliminating anabolic cancer stem cells with inhibitors of protein synthesis or by mimicking caloric restriction. <i>Oncotarget</i> , <b>2015</b> , 6, 4585-601	3.3	46
26	The effect of sucrose esters on a culture model of the nasal barrier. <i>Toxicology in Vitro</i> , <b>2012</b> , 26, 445-54	3.6	42
25	A mitochondrial based oncology platform for targeting cancer stem cells (CSCs): MITO-ONC-RX. <i>Cell Cycle</i> , <b>2018</b> , 17, 2091-2100	4.7	36
24	Targeting cancer stem cell propagation with palbociclib, a CDK4/6 inhibitor: Telomerase drives tumor cell heterogeneity. <i>Oncotarget</i> , <b>2017</b> , 8, 9868-9884	3.3	35
23	Dissecting tumor metabolic heterogeneity: Telomerase and large cell size metabolically define a sub-population of stem-like, mitochondrial-rich, cancer cells. <i>Oncotarget</i> , <b>2015</b> , 6, 21892-905	3.3	33
22	Targeting flavin-containing enzymes eliminates cancer stem cells (CSCs), by inhibiting mitochondrial respiration: Vitamin B2 (Riboflavin) in cancer therapy. <i>Aging</i> , <b>2017</b> , 9, 2610-2628	5.6	32
21	Sucrose esters increase drug penetration, but do not inhibit p-glycoprotein in caco-2 intestinal epithelial cells. <i>Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 103, 3107-19	3.9	31
20	A cell-microelectronic sensing technique for the screening of cytoprotective compounds. <i>International Journal of Molecular Medicine</i> , <b>2010</b> , 25, 525-30	4.4	30

19	The Curcumin Analog C-150, Influencing NF- $\kappa$ B, UPR and Akt/Notch Pathways Has Potent Anticancer Activity In Vitro and In Vivo. <i>PLoS ONE</i> , <b>2016</b> , 11, e0149832	3.7	29
18	Retinoic acid and hydrocortisone strengthen the barrier function of human RPMI 2650 cells, a model for nasal epithelial permeability. <i>Cytotechnology</i> , <b>2013</b> , 65, 395-406	2.2	27
17	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> , <b>2019</b> , 9, 615	5.3	26
16	Mitoriboscins: Mitochondrial-based therapeutics targeting cancer stem cells (CSCs), bacteria and pathogenic yeast. <i>Oncotarget</i> , <b>2017</b> , 8, 67457-67472	3.3	23
15	Mitoketoscins: Novel mitochondrial inhibitors for targeting ketone metabolism in cancer stem cells (CSCs). <i>Oncotarget</i> , <b>2017</b> , 8, 78340-78350	3.3	22
14	Exploiting mitochondrial targeting signal(s), TPP and bis-TPP, for eradicating cancer stem cells (CSCs). <i>Aging</i> , <b>2018</b> , 10, 229-240	5.6	22
13	Compounds blocking methylglyoxal-induced protein modification and brain endothelial injury. <i>Archives of Medical Research</i> , <b>2014</b> , 45, 753-64	6.6	20
12	Mannich Curcuminoids as Potent Anticancer Agents. <i>Archiv Der Pharmazie</i> , <b>2017</b> , 350, e1700005	4.3	18
11	Extracellular deposition of matrilin-2 controls the timing of the myogenic program during muscle regeneration. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3240-56	5.3	14
10	A new mutation-independent approach to cancer therapy: Inhibiting oncogenic RAS and MYC, by targeting mitochondrial biogenesis. <i>Aging</i> , <b>2017</b> , 9, 2098-2116	5.6	12
9	First-in-class candidate therapeutics that target mitochondria and effectively prevent cancer cell metastasis: mitoriboscins and TPP compounds. <i>Aging</i> , <b>2020</b> , 12, 10162-10179	5.6	10
8	Lipid droplet binding thalidomide analogs activate endoplasmic reticulum stress and suppress hepatocellular carcinoma in a chemically induced transgenic mouse model. <i>Lipids in Health and Disease</i> , <b>2013</b> , 12, 175	4.4	8
7	Controversies in the role of SLC26 anion exchangers in pancreatic ductal bicarbonate secretion. <i>Pancreas</i> , <b>2008</b> , 37, 232-4	2.6	7
6	Mitochondrial and ribosomal biogenesis are new hallmarks of stemness, oncometabolism and biomass accumulation in cancer: Mito-stemness and ribo-stemness features. <i>Aging</i> , <b>2019</b> , 11, 4801-4835	5.6	7
5	Aromatic sulfonamides containing a condensed piperidine moiety as potential oxidative stress-inducing anticancer agents. <i>Medicinal Chemistry</i> , <b>2013</b> , 9, 911-9	1.8	7
4	High ATP Production Fuels Cancer Drug Resistance and Metastasis: Implications for Mitochondrial ATP Depletion Therapy. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 740720	5.3	7
3	The guinea pig pancreas secretes a single trypsinogen isoform, which is defective in autoactivation. <i>Pancreas</i> , <b>2008</b> , 37, 182-8	2.6	6
2	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> , <b>2020</b> , 10, 1528	5.3	5

- 1 Extracellular deposition of matrilin-2 controls the timing of the myogenic program during muscle regeneration. *Development (Cambridge)*, **2014**, 141, e1606-e1606 6.6