

Scott K Parks

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,894
citations

567281

15
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

3527
citing authors

#	ARTICLE	IF	CITATIONS
1	Disrupting proton dynamics and energy metabolism for cancer therapy. <i>Nature Reviews Cancer</i> , 2013, 13, 611-623.	28.4	530
2	pH control mechanisms of tumor survival and growth. <i>Journal of Cellular Physiology</i> , 2011, 226, 299-308.	4.1	298
3	Genetic Ablation of the Cystine Transporter xCT in PDAC Cells Inhibits mTORC1, Growth, Survival, and Tumor Formation via Nutrient and Oxidative Stresses. <i>Cancer Research</i> , 2019, 79, 3877-3890.	0.9	148
4	Genetic Disruption of the Multifunctional CD98/LAT1 Complex Demonstrates the Key Role of Essential Amino Acid Transport in the Control of mTORC1 and Tumor Growth. <i>Cancer Research</i> , 2016, 76, 4481-4492.	0.9	143
5	The glutamine transporter ASCT2 (SLC1A5) promotes tumor growth independently of the amino acid transporter LAT1 (SLC7A5). <i>Journal of Biological Chemistry</i> , 2018, 293, 2877-2887.	3.4	131
6	Hypoxia and cellular metabolism in tumour pathophysiology. <i>Journal of Physiology</i> , 2017, 595, 2439-2450.	2.9	126
7	The Na ⁺ /HCO ₃ ⁻ Co-Transporter SLC4A4 Plays a Role in Growth and Migration of Colon and Breast Cancer Cells. <i>Journal of Cellular Physiology</i> , 2015, 230, 1954-1963.	4.1	84
8	The Central Role of Amino Acids in Cancer Redox Homeostasis: Vulnerability Points of the Cancer Redox Code. <i>Frontiers in Oncology</i> , 2017, 7, 319.	2.8	79
9	Disrupting the "Warburg effect" re-routes cancer cells to OXPHOS offering a vulnerability point via "ferroptosis"-induced cell death. <i>Advances in Biological Regulation</i> , 2018, 68, 55-63.	2.3	66
10	Knock-down of hypoxia-induced carbonic anhydrases IX and XII radiosensitizes tumor cells by increasing intracellular acidosis. <i>Frontiers in Oncology</i> , 2013, 2, 199.	2.8	61
11	Hypoxia optimises tumour growth by controlling nutrient import and acidic metabolite export. <i>Molecular Aspects of Medicine</i> , 2016, 47-48, 3-14.	6.4	55
12	Hypoxia promotes tumor cell survival in acidic conditions by preserving ATP levels. <i>Journal of Cellular Physiology</i> , 2013, 228, 1854-1862.	4.1	53
13	Targeting pH regulating proteins for cancer therapy—Progress and limitations. <i>Seminars in Cancer Biology</i> , 2017, 43, 66-73.	9.6	48
14	Genetic disruption of the pH-regulating proteins Na ⁺ /H ⁺ exchanger 1 (SLC9A1) and carbonic anhydrase 9 severely reduces growth of colon cancer cells. <i>Oncotarget</i> , 2017, 8, 10225-10237.	1.8	46
15	Amino Acid Transporters Are a Vital Focal Point in the Control of mTORC1 Signaling and Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 23.	4.1	26