

Johann Matschke

List of Publications by Year in descending order

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18
papers

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840119

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#	ARTICLE	IF	CITATIONS
1	The Mitochondrial Citrate Carrier (SLC25A1) Sustains Redox Homeostasis and Mitochondrial Metabolism Supporting Radioresistance of Cancer Cells With Tolerance to Cycling Severe Hypoxia. <i>Frontiers in Oncology</i> , 2018, 8, 170.	1.3	54
2	Targeted Inhibition of Glutamine-Dependent Glutathione Metabolism Overcomes Death Resistance Induced by Chronic Cycling Hypoxia. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 89-107.	2.5	47
3	Oxidative stress: the lowest common denominator of multiple diseases. <i>Neural Regeneration Research</i> , 2019, 14, 238.	1.6	47
4	Targeting SLC25A10 alleviates improved antioxidant capacity and associated radioresistance of cancer cells induced by chronic-cycling hypoxia. <i>Cancer Letters</i> , 2018, 439, 24-38.	3.2	42
5	Proton Irradiation Increases the Necessity for Homologous Recombination Repair Along with the Indispensability of Non-Homologous End Joining. <i>Cells</i> , 2020, 9, 889.	1.8	35
6	Role of SGK1 for fatty acid uptake, cell survival and radioresistance of NCI-H460 lung cancer cells exposed to acute or chronic cycling severe hypoxia. <i>Radiation Oncology</i> , 2016, 11, 75.	1.2	27
7	The Natural Plant Product Rottlerin Activates Kv7.1/KCNE1 Channels. <i>Cellular Physiology and Biochemistry</i> , 2016, 40, 1549-1558.	1.1	20
8	Sequence-dependent cross-resistance of combined radiotherapy plus BRAFV600E inhibition in melanoma. <i>European Journal of Cancer</i> , 2019, 109, 137-153.	1.3	20
9	A New Twist in Protein Kinase B/Akt Signaling: Role of Altered Cancer Cell Metabolism in Akt-Mediated Therapy Resistance. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8563.	1.8	17
10	Oncometabolites and the response to radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 197.	1.2	17
11	Metabolism of cancer cells commonly responds to irradiation by a transient early mitochondrial shutdown. <i>iScience</i> , 2021, 24, 103366.	1.9	15
12	Adaptation to Chronic-Cycling Hypoxia Renders Cancer Cells Resistant to MTH1-Inhibitor Treatment Which Can Be Counteracted by Glutathione Depletion. <i>Cells</i> , 2021, 10, 3040.	1.8	9
13	Increased ROS-Dependent Fission of Mitochondria Causes Abnormal Morphology of the Cell Powerhouses in a Murine Model of Amyotrophic Lateral Sclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	7
14	Metabolic reprogramming of antioxidant defense: a precision medicine perspective for radiotherapy of lung cancer?. <i>Biochemical Society Transactions</i> , 2021, 49, 1265-1277.	1.6	4
15	Targeting AKT-Dependent Regulation of Antioxidant Defense Sensitizes AKT-E17K Expressing Cancer Cells to Ionizing Radiation. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	2
16	222: Chronic intermittent hypoxia triggers adaptive changes that promote protection against cell death. <i>European Journal of Cancer</i> , 2014, 50, S51.	1.3	0
17	Inhibition of anti-apoptotic Bcl-2 proteins by ABT-263 sensitizes hypoxic cancer cells to ionizing radiation. <i>European Journal of Cancer</i> , 2016, 61, S158.	1.3	0
18	Abstract 3065: Modeling common aspects of the metabolic response of cancer cells to ionizing radiation. , 2021, , .		0