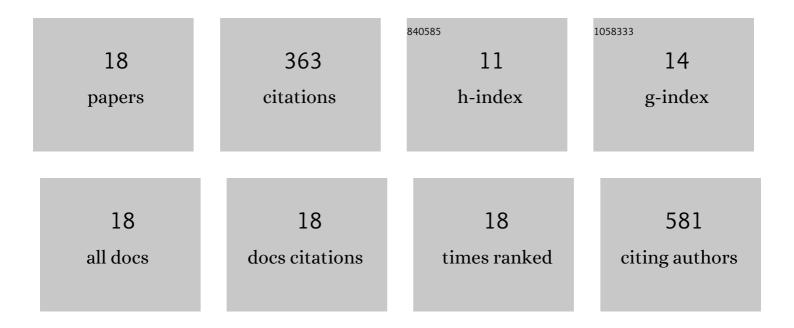
Johann Matschke

List of Publications by Year in descending order

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