

# Pierre Danhier

## List of Publications by Year in descending order

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29  
papers

1,821  
citations

471509

17  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

3764  
citing authors

#	ARTICLE	IF	CITATIONS
1	A versatile EPR toolbox for the simultaneous measurement of oxygen consumption and superoxide production. <i>Redox Biology</i> , 2021, 40, 101852.	9.0	7
2	Fitter Mitochondria Are Associated With Radioresistance in Human Head and Neck SQD9 Cancer Cells. <i>Frontiers in Pharmacology</i> , 2020, 11, 263.	3.5	19
3	Towards <i>in vivo</i> melanin radicals detection in melanomas by electron paramagnetic resonance (EPR) spectroscopy: a proof-of-concept study. <i>Free Radical Research</i> , 2019, 53, 405-410.	3.3	9
4	Hypoxia Patterns in Primary and Metastatic Prostate Cancer Environments. <i>Neoplasia</i> , 2019, 21, 239-246.	5.3	21
5	Optimized acriflavine-loaded lipid nanocapsules as a safe and effective delivery system to treat breast cancer. <i>International Journal of Pharmaceutics</i> , 2018, 551, 322-328.	5.2	30
6	Hypoxia-Induced Reporter Genes with Different Half-Lives. <i>Methods in Molecular Biology</i> , 2018, 1790, 113-125.	0.9	1
7	Manipulation of tumor oxygenation and radiosensitivity through modification of cell respiration. A critical review of approaches and imaging biomarkers for therapeutic guidance. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 700-711.	1.0	37
8	Cancer metabolism in space and time: Beyond the Warburg effect. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 556-572.	1.0	147
9	(+)-Catechin in a 1:2 Complex with Lysine Inhibits Cancer Cell Migration and Metastatic Take in Mice. <i>Frontiers in Pharmacology</i> , 2017, 8, 869.	3.5	22
10	Contribution of macrophages in the contrast loss in iron oxide-based MRI cancer cell tracking studies. <i>Oncotarget</i> , 2017, 8, 38876-38885.	1.8	7
11	Inhibition of the pentose phosphate pathway by dichloroacetate unravels a missing link between aerobic glycolysis and cancer cell proliferation. <i>Oncotarget</i> , 2016, 7, 2910-2920.	1.8	56
12	Noninvasive <i>in vivo</i> imaging of early metabolic tumor response to therapies targeting choline metabolism. <i>International Journal of Cancer</i> , 2016, 138, 2043-2049.	5.1	15
13	Lactate Dehydrogenase B Controls Lysosome Activity and Autophagy in Cancer. <i>Cancer Cell</i> , 2016, 30, 418-431.	16.8	160
14	Combining Optical Reporter Proteins with Different Half-lives to Detect Temporal Evolution of Hypoxia and Reoxygenation in Tumors. <i>Neoplasia</i> , 2015, 17, 871-881.	5.3	29
15	Paclitaxel-loaded micelles enhance transvascular permeability and retention of nanomedicines in tumors. <i>International Journal of Pharmaceutics</i> , 2015, 479, 399-407.	5.2	56
16	<i>In vivo</i> visualization and <i>ex vivo</i> quantification of murine breast cancer cells in the mouse brain using MRI cell tracking and electron paramagnetic resonance. <i>NMR in Biomedicine</i> , 2015, 28, 367-375.	2.8	10
17	Tumor Targeting by RGD-Grafted PLGA-Based Nanotheranostics Loaded with Paclitaxel and Superparamagnetic Iron Oxides. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 1-17.	0.2	1
18	Electron paramagnetic resonance: a powerful tool to support magnetic resonance imaging research. <i>Contrast Media and Molecular Imaging</i> , 2015, 10, 266-281.	0.8	29

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19	Multimodal cell tracking of a spontaneous metastasis model: comparison between MRI, electron paramagnetic resonance and bioluminescence. <i>Contrast Media and Molecular Imaging</i> , 2014, 9, 143-153.	0.8	17
20	A Mitochondrial Switch Promotes Tumor Metastasis. <i>Cell Reports</i> , 2014, 8, 754-766.	6.4	478
21	Optimization of Tumor Radiotherapy With Modulators of Cell Metabolism: Toward Clinical Applications. <i>Seminars in Radiation Oncology</i> , 2013, 23, 262-272.	2.2	24
22	Multimodal imaging of tumor response to sorafenib combined with radiation therapy: comparison between diffusion-weighted MRI, choline spectroscopy and <sup>18</sup> F-FLT PET imaging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 274-280.	0.8	8
23	Influence of Cell Detachment on the Respiration Rate of Tumor and Endothelial Cells. <i>PLoS ONE</i> , 2013, 8, e53324.	2.5	33
24	Tumor reoxygenation following administration of Mitogen-Activated Protein Kinase inhibitors: A rationale for combination with radiation therapy. <i>Radiotherapy and Oncology</i> , 2012, 105, 64-71.	0.6	17
25	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e33418.	2.5	412
26	Electron Paramagnetic Resonance Highlights That the Oxygen Effect Contributes to the Radiosensitizing Effect of Paclitaxel. <i>PLoS ONE</i> , 2012, 7, e40772.	2.5	21
27	Assessment of melanoma extent and melanoma metastases invasion using electron paramagnetic resonance and bioluminescence imaging. <i>Contrast Media and Molecular Imaging</i> , 2011, 6, 282-288.	0.8	14
28	Use of Xanthinol Nicotinate as a co-treatment for radio- and chemotherapy in experimental tumors. <i>International Journal of Cancer</i> , 2010, 126, 583-588.	5.1	11
29	NADPH oxidase-mediated reactive oxygen species production activates hypoxia-inducible factor-1 (HIF-1) via the ERK pathway after hyperthermia treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20477-20482.	7.1	130