

Lionel Mignon

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

261
citations

1162367

8
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypoxia imaging with the nitroimidazole 18F-FAZA PET tracer: A comparison with OxyLite, EPR oximetry and 19F-MRI relaxometry. <i>Radiotherapy and Oncology</i> , 2012, 105, 29-35.	0.3	66
2	Hexafluorobenzene in comparison with perfluoro ¹⁵ C ₅ ether for repeated monitoring of oxygenation using ¹⁹ F MRI in a mouse model. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 248-254.	1.9	45
3	Mapping of oxygen by imaging lipids relaxation enhancement: A potential sensitive endogenous MRI contrast to map variations in tissue oxygenation. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 732-744.	1.9	41
4	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.	0.3	17
5	Obesity and triple-negative breast cancer: Is apelin a new key target?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 10233-10244.	1.6	16
6	Non-invasive <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.	2.3	15
7	Metabolic imaging using hyperpolarized ¹³ C pyruvate to assess sensitivity to the B-Raf inhibitor vemurafenib in melanoma cells and xenografts. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1934-1944.	1.6	13
8	Multimodal imaging of tumor response to sorafenib combined with radiation therapy: comparison between diffusion-weighted MRI, choline spectroscopy and ¹⁸ F FLT PET imaging. <i>Contrast Media and Molecular Imaging</i> , 2013, 8, 274-280.	0.4	8
9	Metabolic Imaging Using Hyperpolarized Pyruvate "Lactate Exchange Assesses Response or Resistance to the EGFR Inhibitor Cetuximab in Patient-Derived HNSCC Xenografts. <i>Clinical Cancer Research</i> , 2020, 26, 1932-1943.	3.2	8
10	Application of MOBILE (Mapping of Oxygen By Imaging Lipids relaxation Enhancement) to Study Variations in Tumor Oxygenation. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 281-288.	0.8	7
11	Tumor Metabolism Is Affected by Obesity in Preclinical Models of Triple-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 562.	1.7	7
12	² -deoxy- ² -[18F] fluoro-D-glucose positron emission tomography, diffusion-weighted magnetic resonance imaging, and choline spectroscopy to predict the activity of cetuximab in tumor xenografts derived from patients with squamous cell carcinoma of the head and neck. <i>Oncotarget</i> , 2018, 9, 28572-28585.	0.8	6
13	Imaging markers of response to combined BRAF and MEK inhibition in BRAF mutated vemurafenib-sensitive and resistant melanomas. <i>Oncotarget</i> , 2018, 9, 16832-16846.	0.8	5
14	Acetate: Friend or foe against breast tumour growth in the context of obesity?. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 14195-14204.	1.6	4
15	Combined HP 13C Pyruvate and 13C-Glucose Fluxomic as a Potential Marker of Response to Targeted Therapies in YUMM1.7 Melanoma Xenografts. <i>Biomedicines</i> , 2022, 10, 717.	1.4	3