

Watching tumours gasp and die with MRI: the promise of spectroscopic imaging

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular imaging in the development of a novel treatment paradigm for glioblastoma (GBM): an integrated multidisciplinary commentary. <i>Drug Discovery Today</i> , 2013, 18, 1052-1066.	6.4	15
2	Describing Prostate Cancer Dynamics: Second Look at PSA- Doubling Time and PSA-Specific Growth Rate. , 0, , .		1
4	MR-detectable metabolic consequences of mitogen-activated protein kinase kinase (MEK) inhibition. <i>NMR in Biomedicine</i> , 2014, 27, 700-708.	2.8	22
5	Chemical Reaction-Induced Multi-molecular Polarization (CRIMP). <i>Chemical Communications</i> , 2014, 50, 13030-13033.	4.1	21
6	18: Epigenetics of cellular senescence, insights into cancer and aging. <i>European Journal of Cancer</i> , 2014, 50, S6.	2.8	0
7	19: Aneuploidy and telomerase in stem cell derived cancer. <i>European Journal of Cancer</i> , 2014, 50, S6.	2.8	0
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9	20: Proffered Paper: Senescent cells impact premalignant microenvironment by direct protein transfer. <i>European Journal of Cancer</i> , 2014, 50, S6.	2.8	0
10	17: Magnetic resonance imaging of tumour metabolism. <i>European Journal of Cancer</i> , 2014, 50, S5-S6.	2.8	2
11	The Potential of Hyperpolarized ¹³ C MRI in Assessing Signaling Pathways in Cancer. <i>Academic Radiology</i> , 2014, 21, 215-222.	2.5	12
12	Mapping human brain capillary water lifetime: high-resolution metabolic neuroimaging. <i>NMR in Biomedicine</i> , 2015, 28, 607-623.	2.8	58
13	Research into cancer metabolomics: Towards a clinical metamorphosis. <i>Seminars in Cell and Developmental Biology</i> , 2015, 43, 52-64.	5.0	36
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16	Single shot three-dimensional pulse sequence for hyperpolarized ¹³ C MRI. <i>Magnetic Resonance in Medicine</i> , 2017, 77, 740-752.	3.0	30
17	Synthesis and hyperpolarisation of eNOS substrates for quantification of NO production by ¹ H NMR spectroscopy. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 2730-2742.	3.0	11
18	IQGAP1 Mediates Hcp1-Promoted Escherichia coli Meningitis by Stimulating the MAPK Pathway. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 132.	3.9	6
19	Analysis of ¹³ C and ¹⁴ C labeling in pyruvate and lactate in tumor and blood of lymphoma-bearing mice injected with ¹³ C- and ¹⁴ C-labeled pyruvate. <i>NMR in Biomedicine</i> , 2018, 31, e3901.	2.8	23

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20	A novel bioreactor for combined magnetic resonance spectroscopy and optical imaging of metabolism in 3D cell cultures. <i>Magnetic Resonance in Medicine</i> , 2019, 81, 3379-3391.	3.0	12
21	Dynamic hyperpolarized ¹³ C MR spectroscopic imaging using SPICE in mouse kidney at 9.4 T. <i>NMR in Biomedicine</i> , 2020, 33, e4230.	2.8	4
22	A multi spin echo pulse sequence with optimized excitation pulses and a 3D cone readout for hyperpolarized ¹³ C imaging. <i>Magnetic Resonance in Medicine</i> , 2020, 84, 1895-1908.	3.0	5
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25	DCE-MRI of Brain Fluid Barriers: <i>In Vivo</i> Water Cycling at the Human Choroid Plexus. <i>Tissue Barriers</i> , 2022, 10, 1963143.	3.2	6
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28	Applications of NMR in Cancer Research. , 2019, , 321-341.		0
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