

Atara Nardi-Schreiber

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Correlation between lactate dehydrogenase/pyruvate dehydrogenase activities ratio and tissue pH in the perfused mouse heart: A potential noninvasive indicator of cardiac pH provided by hyperpolarized magnetic resonance. NMR in Biomedicine, 2021, 34, e4444.	2.8	4
2	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ¹³ C Magnetic Resonance. Sci, 2021, 3, 8.	3.0	4
3	Hyperpolarized product selective saturating excitations for determination of changes in metabolic reaction rates in real time. NMR in Biomedicine, 2020, 33, e4189.	2.8	13
4	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ¹³ C Magnetic Resonance. Sci, 2020, 2, 3.	3.0	1
5	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ¹³ C Magnetic Resonance. Sci, 2020, 2, 43.	3.0	0
6	The Effect of Gadolinium Doping in [¹³ C] ₆ , ² H ₇]Glucose Formulations on ¹³ C Dynamic Nuclear Polarization at 3.35 T. ChemPhysChem, 2020, 21, 251-256.	2.1	2
7	Real-time ALT and LDH activities determined in viable precision-cut mouse liver slices using hyperpolarized [¹³ C]pyruvate Implications for studies on biopsied liver tissues. NMR in Biomedicine, 2019, 32, e4043.	2.8	20
8	In-Cell Determination of Lactate Dehydrogenase Activity in a Luminal Breast Cancer Model – ex vivo Investigation of Excised Xenograft Tumor Slices Using dDNP Hyperpolarized [1- ¹³ C]pyruvate. Sensors, 2019, 19, 2089.	3.8	11
9	[¹³ C, ¹⁵ N]2-deoxyglucose phosphorylation by hexokinase shows selectivity for the β-anomer. Scientific Reports, 2019, 9, 19683.	3.3	6
10	Hyperpolarized [¹⁵ N]nitrate as a potential long lived hyperpolarized contrast agent for MRI. Journal of Magnetic Resonance, 2019, 299, 188-195.	2.1	11
11	Long-lived ¹⁵ N Hyperpolarization and Rapid Relaxation as a Potential Basis for Repeated First Pass Perfusion Imaging – Marked Effects of Deuteration and Temperature. ChemPhysChem, 2018, 19, 2148-2152.	2.1	11
12	Real-time ex-vivo measurement of brain metabolism using hyperpolarized [1- ¹³ C]pyruvate. Scientific Reports, 2018, 8, 9564.	3.3	9
13	Biochemical phosphates observed using hyperpolarized ³¹ P in physiological aqueous solutions. Nature Communications, 2017, 8, 341.	12.8	25
14	Defective ATP breakdown activity related to an ENTPD1 gene mutation demonstrated using ³¹ P NMR spectroscopy. Chemical Communications, 2017, 53, 9121-9124.	4.1	12