

Atara Nardi-Schreiber

List of Publications by Year in descending order

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14
papers

129
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1163117

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docs citations

16
times ranked

170
citing authors

#	ARTICLE	IF	CITATIONS
1	Biochemical phosphates observed using hyperpolarized ^{31}P in physiological aqueous solutions. <i>Nature Communications</i> , 2017, 8, 341.	12.8	25
2	Real-time ALT and LDH activities determined in viable precision-cut mouse liver slices using hyperpolarized $[^{13}\text{C}]$ pyruvate—Implications for studies on biopsied liver tissues. <i>NMR in Biomedicine</i> , 2019, 32, e4043.	2.8	20
3	Hyperpolarized product selective saturating excitations for determination of changes in metabolic reaction rates in real-time. <i>NMR in Biomedicine</i> , 2020, 33, e4189.	2.8	13
4	Defective ATP breakdown activity related to an ENTPD1 gene mutation demonstrated using ^{31}P NMR spectroscopy. <i>Chemical Communications</i> , 2017, 53, 9121-9124.	4.1	12
5	Long-lived ^{15}N Hyperpolarization and Rapid Relaxation as a Potential Basis for Repeated First Pass Perfusion Imaging—Marked Effects of Deuteration and Temperature. <i>ChemPhysChem</i> , 2018, 19, 2148-2152.	2.1	11
6	In-Cell Determination of Lactate Dehydrogenase Activity in a Luminal Breast Cancer Model—ex vivo Investigation of Excised Xenograft Tumor Slices Using dDNP Hyperpolarized $[1-^{13}\text{C}]$ pyruvate. <i>Sensors</i> , 2019, 19, 2089.	3.8	11
7	Hyperpolarized $[^{15}\text{N}]$ nitrate as a potential long lived hyperpolarized contrast agent for MRI. <i>Journal of Magnetic Resonance</i> , 2019, 299, 188-195.	2.1	11
8	Real-time ex-vivo measurement of brain metabolism using hyperpolarized $[1-^{13}\text{C}]$ pyruvate. <i>Scientific Reports</i> , 2018, 8, 9564.	3.3	9
9	$[^{13}\text{C}_6, \text{D}_8]$ 2-deoxyglucose phosphorylation by hexokinase shows selectivity for the β^2 -anomer. <i>Scientific Reports</i> , 2019, 9, 19683.	3.3	6
10	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. <i>NMR in Biomedicine</i> , 2021, 34, e4444.	2.8	4
11	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ^{13}C Magnetic Resonance. <i>Sci</i> , 2021, 3, 8.	3.0	4
12	The Effect of Gadolinium Doping in $[^{13}\text{C}_6, ^2\text{H}_7]$ Glucose Formulations on ^{13}C Dynamic Nuclear Polarization at 3.35 T. <i>ChemPhysChem</i> , 2020, 21, 251-256.	2.1	2
13	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ^{13}C Magnetic Resonance. <i>Sci</i> , 2020, 2, 3.	3.0	1
14	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized ^{13}C Magnetic Resonance. <i>Sci</i> , 2020, 2, 43.	3.0	0