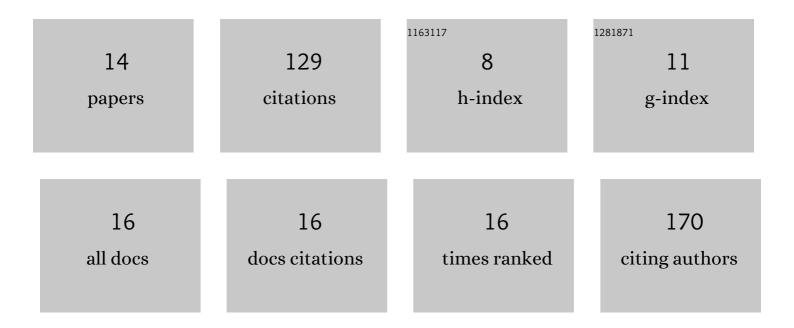
## Atara Nardi-Schreiber

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 13C Magnetic Resonance. Sci, 2021, 3, 8.	3.0	4
3	Hyperpolarized product selective saturatingâ€excitations for determination of changes in metabolic reaction rates in realâ€ŧime. NMR in Biomedicine, 2020, 33, e4189.	2.8	13
4	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized 13C Magnetic Resonance. Sci, 2020, 2, 3.	3.0	1
5	Differentiation of Heterogeneous Mouse Liver from HCC by Hyperpolarized 13C Magnetic Resonance. Sci, 2020, 2, 43.	3.0	Ο
6	The Effect of Gadolinium Doping in [ <sup>13</sup> C <sub>6</sub> , <sup>2</sup> H <sub>7</sub> ]Glucose Formulations on <sup>13</sup> C Dynamic Nuclear Polarization at 3.35â€T. ChemPhysChem, 2020, 21, 251-256.	2.1	2
7	Realâ€time ALT and LDH activities determined in viable precisionâ€cut mouse liver slices using hyperpolarized [1â€ <sup>13</sup> 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 [1-13C]pyruvate. Sensors, 2019, 19, 2089.	3.8	11
9	[13C6,D8]2-deoxyglucose phosphorylation by hexokinase shows selectivity for the β-anomer. Scientific Reports, 2019, 9, 19683.	3.3	6
10	Hyperpolarized [15N]nitrate as a potential long lived hyperpolarized contrast agent for MRI. Journal of Magnetic Resonance, 2019, 299, 188-195.	2.1	11
11	Longâ€lived <sup>15</sup> 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 [1-13C]pyruvate. Scientific Reports, 2018, 8, 9564.	3.3	9
13	Biochemical phosphates observed using hyperpolarized 31P 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 <sup>31</sup> P NMR spectroscopy. Chemical Communications, 2017, 53, 9121-9124.	4.1	12