

# Edward P Saliba

## List of Publications by Year in descending order

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759233

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Clebschâ€Gordan Coefficients and Their Application to Magnetic Resonance. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2022, 2022, 1-18.	0.5	0
2	Dynamic Nuclear Polarization with Electron Decoupling in Intact Human Cells and Cell Lysates. Journal of Physical Chemistry B, 2020, 124, 2323-2330.	2.6	16
3	Characterization of frequency-chirped dynamic nuclear polarization in rotating solids. Journal of Magnetic Resonance, 2020, 313, 106702.	2.1	8
4	Fast electron paramagnetic resonance magic angle spinning simulations using analytical powder averaging techniques. Journal of Chemical Physics, 2019, 151, 114107.	3.0	3
5	Frequency-chirped dynamic nuclear polarization with magic angle spinning using a frequency-agile gyrotron. Journal of Magnetic Resonance, 2019, 308, 106586.	2.1	18
6	Sensitivity analysis of magic angle spinning dynamic nuclear polarization below 6â€K. Journal of Magnetic Resonance, 2019, 305, 51-57.	2.1	7
7	Electron Decoupling with Chirped Microwave Pulses for Rapid Signal Acquisition and Electron Saturation Recovery. Angewandte Chemie - International Edition, 2019, 58, 7259-7262.	13.8	11
8	Four millimeter spherical rotors spinning at 28â€kHz with double-saddle coils for cross polarization NMR. Journal of Magnetic Resonance, 2019, 303, 1-6.	2.1	21
9	Electron Decoupling with Chirped Microwave Pulses for Rapid Signal Acquisition and Electron Saturation Recovery. Angewandte Chemie, 2019, 131, 7337-7340.	2.0	4
10	Frequency-agile gyrotron for electron decoupling and pulsed dynamic nuclear polarization. Journal of Magnetic Resonance, 2018, 289, 45-54.	2.1	47
11	Magic angle spinning NMR below 6â€K with a computational fluid dynamics analysis of fluid flow and temperature gradients. Journal of Magnetic Resonance, 2018, 286, 1-9.	2.1	32
12	A versatile custom cryostat for dynamic nuclear polarization supports multiple cryogenic magic angle spinning transmission line probes. Journal of Magnetic Resonance, 2018, 297, 23-32.	2.1	15
13	Magic angle spinning spheres. Science Advances, 2018, 4, eaau1540.	10.3	40
14	Pulsed Electron Decoupling and Strategies for Time Domain Dynamic Nuclear Polarization with Magic Angle Spinning. Journal of Physical Chemistry Letters, 2018, 9, 5539-5547.	4.6	17
15	Electron decoupling with cross polarization and dynamic nuclear polarization below 6â€K. Journal of Magnetic Resonance, 2018, 295, 1-5.	2.1	12
16	Dynamic Nuclear Polarization Nuclear Magnetic Resonance in Human Cells Using Fluorescent Polarizing Agents. Biochemistry, 2018, 57, 4741-4746.	2.5	58
17	Electron Decoupling with Dynamic Nuclear Polarization in Rotating Solids. Journal of the American Chemical Society, 2017, 139, 6310-6313.	13.7	57
18	Instrumentation for cryogenic magic angle spinning dynamic nuclear polarization using 90 L of liquid nitrogen per day. Journal of Magnetic Resonance, 2017, 283, 71-78.	2.1	14

#	ARTICLE	IF	CITATIONS
19	Frequency swept microwaves for hyperfine decoupling and time domain dynamic nuclear polarization. Solid State Nuclear Magnetic Resonance, 2015, 72, 79-89.	2.3	36