

# Yoh Matsuki

## List of Publications by Year in descending order

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8  
papers

214  
citations

1307594

7  
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1588992

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g-index

9  
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9  
docs citations

9  
times ranked

220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Helium-cooling and $\gamma$ -spinning dynamic nuclear polarization for sensitivity-enhanced solid-state NMR at 14T and 30K. <i>Journal of Magnetic Resonance</i> , 2012, 225, 1-9.	2.1	72
2	Advanced instrumentation for DNP-enhanced MAS NMR for higher magnetic fields and lower temperatures. <i>Journal of Magnetic Resonance</i> , 2016, 264, 107-115.	2.1	64
3	Closed-cycle cold helium magic-angle spinning for sensitivity-enhanced multi-dimensional solid-state NMR. <i>Journal of Magnetic Resonance</i> , 2015, 259, 76-81.	2.1	38
4	Evolution of $\beta$ -synuclein conformation ensemble toward amyloid fibril via liquid-liquid phase separation (LLPS) as investigated by dynamic nuclear polarization-enhanced solid-state MAS NMR. <i>Neurochemistry International</i> , 2022, 157, 105345.	3.8	10
5	Absolute $^1\text{H}$ polarization measurement with a spin-correlated component of magnetization by hyperpolarized MAS-DNP solid-state NMR. <i>Solid State Nuclear Magnetic Resonance</i> , 2019, 99, 20-26.	2.3	9
6	Efficiency analysis of helium-cooled MAS DNP: case studies of surface-modified nanoparticles and homogeneous small-molecule solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 4919-4926.	2.8	9
7	Cryogenic signal amplification combined with helium-temperature MAS DNP toward ultimate NMR sensitivity at high field conditions. <i>Journal of Magnetic Resonance</i> , 2022, 335, 107139.	2.1	7
8	Surface-Only Spectroscopy for Diffusion-Limited Systems Using Ultra-Low-Temperature DNP MAS NMR at 16.4 T. <i>Journal of Physical Chemistry C</i> , 2020, 124, 18609-18614.	3.1	5