

Patrick T Judge

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3231269/publications.pdf>

Version: 2024-02-01

10
papers

163
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	Magic angle spinning spheres. <i>Science Advances</i> , 2018, 4, eaau1540.	10.3	40
2	Preferential SO ₂ Adsorption in Mg-MOF-74 from a Humid Acid Gas Stream. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 7278-7284.	8.0	25
3	Four millimeter spherical rotors spinning at 28 kHz with double-saddle coils for cross polarization NMR. <i>Journal of Magnetic Resonance</i> , 2019, 303, 1-6.	2.1	21
4	Frequency-chirped dynamic nuclear polarization with magic angle spinning using a frequency-agile gyrotron. <i>Journal of Magnetic Resonance</i> , 2019, 308, 106586.	2.1	18
5	Dynamic Nuclear Polarization with Electron Decoupling in Intact Human Cells and Cell Lysates. <i>Journal of Physical Chemistry B</i> , 2020, 124, 2323-2330.	2.6	16
6	In Situ Detection of Endogenous HIV Activation by Dynamic Nuclear Polarization NMR and Flow Cytometry. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4649.	4.1	13
7	Electron Decoupling with Chirped Microwave Pulses for Rapid Signal Acquisition and Electron Saturation Recovery. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 7259-7262.	13.8	11
8	Characterization of frequency-chirped dynamic nuclear polarization in rotating solids. <i>Journal of Magnetic Resonance</i> , 2020, 313, 106702.	2.1	8
9	Sensitivity analysis of magic angle spinning dynamic nuclear polarization below 6 K. <i>Journal of Magnetic Resonance</i> , 2019, 305, 51-57.	2.1	7
10	Electron Decoupling with Chirped Microwave Pulses for Rapid Signal Acquisition and Electron Saturation Recovery. <i>Angewandte Chemie</i> , 2019, 131, 7337-7340.	2.0	4