

Brice J Albert

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1288581/publications.pdf>

Version: 2024-02-01

12
papers

381
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

362
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Nuclear Polarization Nuclear Magnetic Resonance in Human Cells Using Fluorescent Polarizing Agents. <i>Biochemistry</i> , 2018, 57, 4741-4746.	2.5	58
2	Electron Decoupling with Dynamic Nuclear Polarization in Rotating Solids. <i>Journal of the American Chemical Society</i> , 2017, 139, 6310-6313.	13.7	57
3	Frequency-agile gyrotron for electron decoupling and pulsed dynamic nuclear polarization. <i>Journal of Magnetic Resonance</i> , 2018, 289, 45-54.	2.1	47
4	Magic angle spinning spheres. <i>Science Advances</i> , 2018, 4, eaau1540.	10.3	40
5	Frequency swept microwaves for hyperfine decoupling and time domain dynamic nuclear polarization. <i>Solid State Nuclear Magnetic Resonance</i> , 2015, 72, 79-89.	2.3	36
6	Combinations of isoform-targeted histone deacetylase inhibitors and bryostatin analogues display remarkable potency to activate latent HIV without global T-cell activation. <i>Scientific Reports</i> , 2017, 7, 7456.	3.3	32
7	Magic angle spinning NMR below 6â€°K with a computational fluid dynamics analysis of fluid flow and temperature gradients. <i>Journal of Magnetic Resonance</i> , 2018, 286, 1-9.	2.1	32
8	Four millimeter spherical rotors spinning at 28â€°kHz with double-saddle coils for cross polarization NMR. <i>Journal of Magnetic Resonance</i> , 2019, 303, 1-6.	2.1	21
9	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
10	A versatile custom cryostat for dynamic nuclear polarization supports multiple cryogenic magic angle spinning transmission line probes. <i>Journal of Magnetic Resonance</i> , 2018, 297, 23-32.	2.1	15
11	Instrumentation for cryogenic magic angle spinning dynamic nuclear polarization using 90 L of liquid nitrogen per day. <i>Journal of Magnetic Resonance</i> , 2017, 283, 71-78.	2.1	14
12	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