

Robert K Irwin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2474544/publications.pdf>

Version: 2024-02-01

7
papers

82
citations

1684188
5
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

53
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated Low-Cost In Situ IR and NMR Spectroscopy Characterization of Clinical-Scale ¹²⁹ Xe Spin-Exchange Optical Pumping. <i>Analytical Chemistry</i> , 2021, 93, 3883-3888.	6.5	3
2	Enabling Clinical Technologies for Hyperpolarized ¹²⁹ Xenon Magnetic Resonance Imaging and Spectroscopy. <i>Angewandte Chemie</i> , 2021, 133, 22298-22319.	2.0	3
3	Enabling Clinical Technologies for Hyperpolarized ¹²⁹ Xenon Magnetic Resonance Imaging and Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22126-22147.	13.8	26
4	XeUS: A second-generation automated open-source batch-mode clinical-scale hyperpolarizer. <i>Journal of Magnetic Resonance</i> , 2020, 319, 106813.	2.1	16
5	Pilot multi-site quality assurance study of batch-mode clinical-scale automated xenon-129 hyperpolarizers. <i>Journal of Magnetic Resonance</i> , 2020, 316, 106755.	2.1	9
6	Batch-Mode Clinical-Scale Optical Hyperpolarization of Xenon-129 Using an Aluminum Jacket with Rapid Temperature Ramping. <i>Analytical Chemistry</i> , 2020, 92, 4309-4316.	6.5	19
7	Helium-rich mixtures for improved batch-mode clinical-scale spin-exchange optical pumping of Xenon-129. <i>Journal of Magnetic Resonance</i> , 2020, 315, 106739.	2.1	6