

# Friederike Hesse

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/204395/publications.pdf>

Version: 2024-02-01

7  
papers

135  
citations

1684188

5  
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1720034

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g-index

7  
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docs citations

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138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Labile Photoinduced Free Radical in $\alpha$ -Ketoglutaric Acid: a Universal Endogenous Polarizing Agent for In Vivo Hyperpolarized $^{13}\text{C}$ Magnetic Resonance. Angewandte Chemie - International Edition, 2022, 61, .	13.8	5
2	Genetic algorithm-based optimization of pulse sequences. Magnetic Resonance in Medicine, 2022, 87, 2130-2144.	3.0	4
3	Deuterium MRSI of tumor cell death in vivo following oral delivery of $^2\text{H}$ -labeled fumarate. Magnetic Resonance in Medicine, 2022, 88, 2014-2020.	3.0	8
4	Monitoring tumor cell death in murine tumor models using deuterium magnetic resonance spectroscopy and spectroscopic imaging. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	33
5	Measuring Tumor Glycolytic Flux in Vivo by Using Fast Deuterium MRI. Radiology, 2020, 294, 289-296.	7.3	73
6	A multi spin echo pulse sequence with optimized excitation pulses and a 3D cone readout for hyperpolarized $^{13}\text{C}$ imaging. Magnetic Resonance in Medicine, 2020, 84, 1895-1908.	3.0	5
7	$^{18}\text{F}$ -C2Am: a targeted imaging agent for detecting tumor cell death in vivo using positron emission tomography. EJNMMI Research, 2020, 10, 151.	2.5	7