

# Matthew Freeman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4069386/publications.pdf>

Version: 2024-02-01

9  
papers

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citations

1684188  
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h-index

1588992  
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g-index

12  
all docs

12  
docs citations

12  
times ranked

337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Detection of brown adipose tissue and thermogenic activity in mice by hyperpolarized xenon MRI. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 18001-18006.	7.1	91
2	Dose and pulse sequence considerations for hyperpolarized $^{129}\text{Xe}$ ventilation MRI. Magnetic Resonance Imaging, 2015, 33, 877-885.	1.8	52
3	Characterizing and modeling the efficiency limits in large-scale production of hyperpolarized $^{129}\text{Xe}$ . Physical Review A, 2014, 90, 023406.	2.5	49
4	Inverse-collimated proton radiography for imaging thin materials. Review of Scientific Instruments, 2017, 88, 013709.	1.3	9
5	The spikes from Richtmyer-Meshkov instabilities in pulsed power cylindrical experiments. AIP Conference Proceedings, 2018, .	0.4	6
6	Electron microscopic observations of Rb particles and pitting in $^{129}\text{Xe}$ spin-exchange optical pumping cells. Journal of Applied Physics, 2017, 122, 024902.	2.5	5
7	Dark field proton radiography. Applied Physics Letters, 2020, 117, .	3.3	3
8	Proton Radiography of Reverse Ballistic Impacts. Conference Proceedings of the Society for Experimental Mechanics, 2019, , 127-131.	0.5	2
9	Bootstrap estimation of the effect of instrument response function uncertainty on the reconstruction of fusion neutron sources. Review of Scientific Instruments, 2022, 93, 043508.	1.3	0