

# John Ramsey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/713453/publications.pdf>

Version: 2024-02-01

15  
papers

457  
citations

933447

10  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the neutron lifetime using a magneto-gravitational trap and in situ detection. Science, 2018, 360, 627-632.	12.6	117
2	Improved Neutron Lifetime Measurement with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\langle \text{mml:mi}\rangle \text{UCN}\langle \text{mml:mi}\rangle \langle \text{mml:mi}\rangle \ddot{i},\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle .$	7.8	67
3	Performance of the Los Alamos National Laboratory spallation-driven solid-deuterium ultra-cold neutron source. Review of Scientific Instruments, 2013, 84, 013304.	1.3	61
4	Performance of the upgraded ultracold neutron source at Los Alamos National Laboratory and its implication for a possible neutron electric dipole moment experiment. Physical Review C, 2018, 97, .	2.9	49
5	Search for dark matter decay of the free neutron from the UCNA experiment: $\hat{n}\hat{a}\hat{t}\hat{t}\hat{t}+e+e\hat{a}\hat{t}$ . Physical Review C, 2018, 97, .	2.9	28
6	Storage of ultracold neutrons in the magneto-gravitational trap of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mi}\rangle \text{UCN}\langle \text{mml:mi}\rangle \langle \text{mml:mi}\rangle \ddot{i},\langle \text{mml:mi}\rangle \langle \text{mml:math}\rangle .$ experiment. Physical Review C, 2014, 89, .	2.9	27
7	Effect of an electric field on superfluid helium scintillation produced by $\hat{t}\hat{t}\hat{t}$ -particle sources. Physical Review A, 2012, 85, .	2.5	25
8	A new method for measuring the neutron lifetime using an <i>in situ</i> neutron detector. Review of Scientific Instruments, 2017, 88, 053508.	1.3	21
9	The Nab experiment: A precision measurement of unpolarized neutron beta decay. EPJ Web of Conferences, 2019, 219, 04002.	0.3	16
10	An apparatus for studying electrical breakdown in liquid helium at 0.4 K and testing electrode materials for the neutron electric dipole moment experiment at the Spallation Neutron Source. Review of Scientific Instruments, 2016, 87, 045113.	1.3	14
11	Effect of an electric field on liquid helium scintillation produced by fast electrons. Physical Review C, 2020, 102, .	2.9	8
12	Upscattering of ultracold neutrons from gases. Physical Review C, 2015, 92, .	2.9	7
13	A study of DC electrical breakdown in liquid helium through analysis of the empirical breakdown field distributions. Journal of Applied Physics, 2021, 129, .	2.5	7
14	Monte Carlo simulations of trapped ultracold neutrons in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:mrow}\langle \text{mml:mi}\rangle \text{UCN}\langle \text{mml:mi}\rangle \langle \text{mml:mi}\rangle \ddot{i},\langle \text{mml:mi}\rangle \langle \text{mml:mrow}\rangle \langle \text{mml:math}\rangle .$ experiment. Physical Review C, 2019, 100, .	2.9	6
15	Total cross sections for ultracold neutrons scattered from gases. Physical Review C, 2017, 95, .	2.9	4