

# Francois Nez

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

1,806  
citations

8  
h-index

15  
g-index

15  
ext. papers

2,124  
ext. citations

14.3  
avg, IF

3.32  
L-index

#	Paper	IF	Citations
14	Measuring the particle charge radius with muonic helium-4 ions. <i>Nature</i> , <b>2021</b> , 589, 527-531	50.4	16
13	High-Resolution Hydrogen Spectroscopy and The Proton Radius Puzzle. <i>Annalen Der Physik</i> , <b>2019</b> , 531, 1800363	2.6	8
12	Thirty Years of Hydrogen Spectroscopy in Paris <b>2018</b> , 401-416		
11	New Measurement of the 1S-3S Transition Frequency of Hydrogen: Contribution to the Proton Charge Radius Puzzle. <i>Physical Review Letters</i> , <b>2018</b> , 120, 183001	7.4	111
10	Thirty years of hydrogen spectroscopy in Paris. <i>Applied Physics B: Lasers and Optics</i> , <b>2017</b> , 123, 1	1.9	
9	Cross-damping effects in 1SBS spectroscopy of hydrogen and deuterium. <i>Physical Review A</i> , <b>2017</b> , 95,	2.6	10
8	Laser spectroscopy of muonic deuterium. <i>Science</i> , <b>2016</b> , 353, 669-73	33.3	171
7	Progress in Spectroscopy of the 1SBS Transition in Hydrogen. <i>Journal of Physical and Chemical Reference Data</i> , <b>2015</b> , 44, 031201	4.3	21
6	Improved x-ray detection and particle identification with avalanche photodiodes. <i>Review of Scientific Instruments</i> , <b>2015</b> , 86, 053102	1.7	8
5	Ultraviolet continuous-wave laser source at 205nm for hydrogen spectroscopy. <i>Optics Communications</i> , <b>2014</b> , 324, 34-37	2	13
4	Multipass laser cavity for efficient transverse illumination of an elongated volume. <i>Optics Express</i> , <b>2014</b> , 22, 13050-62	3.3	8
3	Proton structure from the measurement of 2S-2P transition frequencies of muonic hydrogen. <i>Science</i> , <b>2013</b> , 339, 417-20	33.3	548
2	The size of the proton. <i>Nature</i> , <b>2010</b> , 466, 213-6	50.4	885
1	Analysis and observation, on an atomic resonance, of the frequency shift due to the length modulation of an optical cavity. <i>Applied Optics</i> , <b>2002</b> , 41, 7702-6	1.7	7