

# Fritz Riehle

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3998874/publications.pdf>

Version: 2024-02-01

6  
papers

523  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

536  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CIPM list of recommended frequency standard values: guidelines and procedures. Metrologia, 2018, 55, 188-200.	1.2	189
2	Towards a redefinition of the second based on optical atomic clocks. Comptes Rendus Physique, 2015, 16, 506-515.	0.9	124
3	Crystalline optical cavity at 4â€‰%â€‰K with thermal-noise-limited instability and ultralow drift. Optica, 2019, 6, 240.	9.3	111
4	Ultrastable laser with average fractional frequency drift rate below $5 \text{ \AA} - 10^{19} \text{ /s}$ . Optics Letters, 2014, 39, 5102.	3.3	56
5	Demonstration of a Timescale Based on a Stable Optical Carrier. Physical Review Letters, 2019, 123, 173201.	7.8	34
6	Thermal noise and mechanical loss of $\text{SiO}_2/\text{Ta}_2\text{O}_5$ optical coatings at cryogenic temperatures. Optics Letters, 2021, 46, 592.	3.3	9