

# D B Newell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10855750/publications.pdf>

Version: 2024-02-01

9  
papers

493  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

396  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CODATA 2017 values of $h$ , $e$ , $k$ , and $N_A$ for the revision of the SI. Metrologia, 2018, 55, L13-L16.	1.2	228
2	Determination of the Planck constant using a watt balance with a superconducting magnet system at the National Institute of Standards and Technology. Metrologia, 2014, 51, S15-S24.	1.2	67
3	Measurement of the Planck constant at the National Institute of Standards and Technology from 2015 to 2017. Metrologia, 2017, 54, 633-641.	1.2	65
4	Invited Article: A precise instrument to determine the Planck constant, and the future kilogram. Review of Scientific Instruments, 2016, 87, 061301.	1.3	61
5	A summary of the Planck constant measurements using a watt balance with a superconducting solenoid at NIST. Metrologia, 2015, 52, L5-L8.	1.2	38
6	Hysteresis and related error mechanisms in the NIST watt balance experiment. Journal of Research of the National Institute of Standards and Technology, 2001, 106, 627.	1.2	18
7	The possible contribution of gravity measurements to the difference between the NIST and NRC watt balance results. Metrologia, 2013, 50, 337-344.	1.2	11
8	The design of the new NIST-4 watt balance. , 2014, , .		1
9	The CODATA 2017 Special Adjustment for the Revision of the SI. , 2018, , .		0